

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007724.D
 Acq On : 20 Dec 2018 04:14
 Operator : SY/AP
 Sample : VW1221SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:43 AM

Quant Time: Dec 20 07:48:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43879	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	40212	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.32	98	152783	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.62	95	58281	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12260	18.498	ug/l	96
3) Chloromethane	2.21	50	9840	24.178	ug/l	95
4) Vinyl Chloride	2.37	62	12459	24.048	ug/l	94
5) Bromomethane	2.78	94	8850	24.526	ug/l	91
6) Chloroethane	2.93	64	7087	25.569	ug/l	98
7) Trichlorofluoromethane	3.26	101	10910	20.227	ug/l	89
8) Diethyl Ether	3.68	74	7663	23.195	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16561	20.848	ug/l	98
10) Methyl Iodide	4.26	142	28339	22.433	ug/l	99
11) Tert butyl alcohol	5.17	59	6357	115.323	ug/l	100
12) 1,1-Dichloroethene	4.03	96	15697	21.340	ug/l	98
13) Acrolein	3.89	56	4686	106.320	ug/l	96
14) Allyl chloride	4.67	41	22138	22.950	ug/l	96
15) Acrylonitrile	5.37	53	15644	111.010	ug/l	100
16) Acetone	4.12	43	14141	92.413	ug/l	98
17) Carbon Disulfide	4.38	76	48652	21.374	ug/l	97
18) Methyl Acetate	4.67	43	8189	22.502	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	24818	23.502	ug/l	96
20) Methylene Chloride	4.90	84	19822	22.425	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	17549	21.692	ug/l	93
22) Diisopropyl ether	6.31	45	43105	23.865	ug/l	98
23) Vinyl Acetate	6.26	43	119483	111.343	ug/l	97
24) 1,1-Dichloroethane	6.21	63	29927	22.523	ug/l	99
25) 2-Butanone	7.17	43	18847	105.154	ug/l	94
26) 2,2-Dichloropropane	7.17	77	19733	20.295	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	19978	23.179	ug/l	98
28) Bromochloromethane	7.51	49	9363	20.667	ug/l	93
29) Tetrahydrofuran	7.53	42	11989	112.142	ug/l	97
30) Chloroform	7.68	83	32579	21.666	ug/l	99
31) Cyclohexane	7.95	56	25556	21.009	ug/l	# 90
32) 1,1,1-Trichloroethane	7.87	97	29722	21.703	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24725	20.675	ug/l	99
37) Ethyl Acetate	7.25	43	8676	21.021	ug/l	97
38) Carbon Tetrachloride	8.07	117	27517	19.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29811	20.061	ug/l	97
40) Benzene	8.32	78	69264	21.704	ug/l	98
41) Methacrylonitrile	7.48	41	4990	21.295	ug/l	94
42) 1,2-Dichloroethane	8.40	62	22428	20.971	ug/l	99
43) Isopropyl Acetate	8.43	43	17329	20.957	ug/l	99
44) Trichloroethene	9.09	130	20787	21.539	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15802	22.316	ug/l	98
46) Dibromomethane	9.46	93	9170	21.037	ug/l	97
47) Bromodichloromethane	9.65	83	24242	21.155	ug/l	99
48) Methyl methacrylate	9.44	41	8443	20.456	ug/l	99
49) 1,4-Dioxane	9.45	88	3197	462.604	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	41651	106.585	ug/l	99
52) Toluene	10.39	92	46269	21.610	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	23617	20.720	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26739	21.238	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12897	21.462	ug/l	97
56) Ethyl methacrylate	10.65	69	15175	21.374	ug/l	95
57) 1,3-Dichloropropane	10.93	76	22040	22.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	34470	106.336	ug/l	99
59) 2-Hexanone	10.97	43	28162	102.473	ug/l	100
60) Dibromochloromethane	11.13	129	16367	20.571	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12961	21.299	ug/l	98
64) Tetrachloroethene	10.87	164	17823	22.406	ug/l	96
65) Chlorobenzene	11.66	112	52150	21.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	18530	21.329	ug/l	98
67) Ethyl Benzene	11.73	91	92323	22.128	ug/l	99
68) m/p-Xylenes	11.84	106	70677	43.670	ug/l	100
69) o-Xylene	12.17	106	33737	22.238	ug/l	100
70) Styrene	12.18	104	54962	22.040	ug/l	99
71) Bromoform	12.35	173	9312	20.648	ug/l #	97
73) Isopropylbenzene	12.47	105	94624	22.275	ug/l	99
74) N-amyl acetate	12.27	43	16670	22.655	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13667	21.458	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10939m	25.184	ug/l	
77) Bromobenzene	12.75	156	21319	21.899	ug/l	100
78) n-propylbenzene	12.81	91	109730	22.191	ug/l	100
79) 2-Chlorotoluene	12.90	91	64485	22.386	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	81983	22.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4101	19.818	ug/l	94
82) 4-Chlorotoluene	12.99	91	68272	22.259	ug/l	99
83) tert-Butylbenzene	13.21	119	72245	22.471	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	84934	22.972	ug/l	100
85) sec-Butylbenzene	13.39	105	99083	22.362	ug/l	99
86) p-Isopropyltoluene	13.51	119	89563	22.229	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	42856	22.172	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	43200	22.343	ug/l	99
89) n-Butylbenzene	13.83	91	80513	21.795	ug/l	100
90) Hexachloroethane	14.10	117	15319	21.657	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	38710	22.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2623	20.054	ug/l	93

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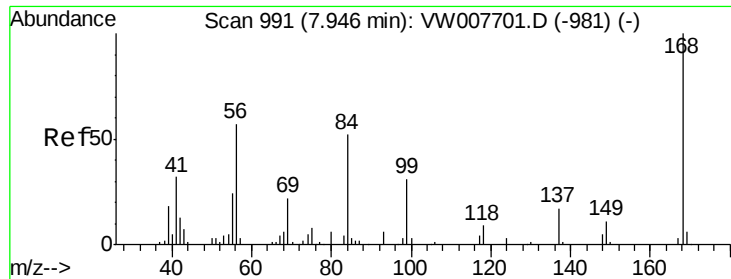
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26353	21.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	14098	21.960	ug/l	99
95) Naphthalene	15.37	128	50851	22.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22787	22.160	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion:168 Resp: 74555

Ion Ratio Lower Upper

168 100

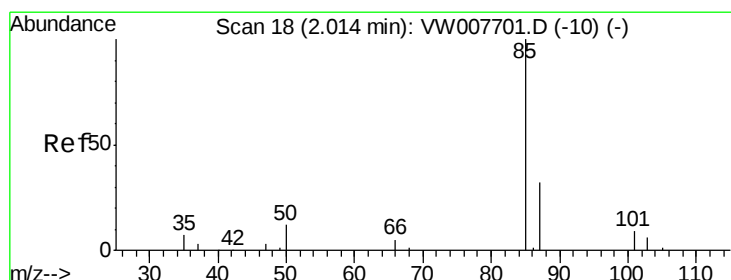
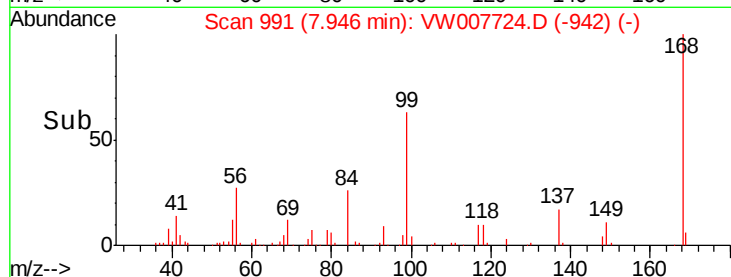
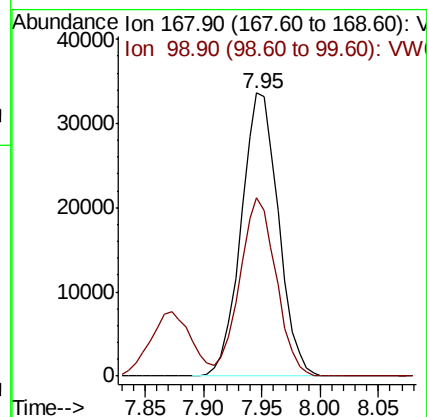
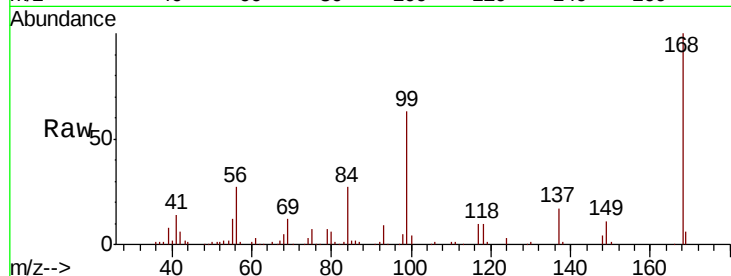
99 63.0 54.0 81.0

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#2

Dichlorodifluoromethane

Concen: 18.498 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007724.D

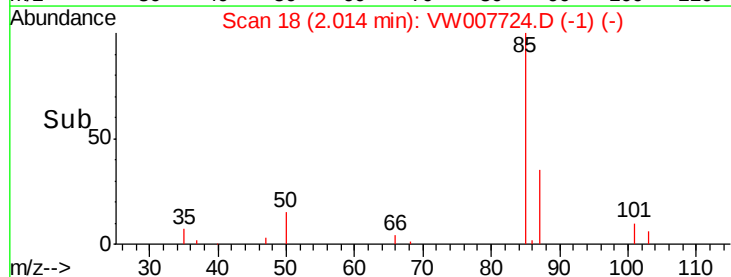
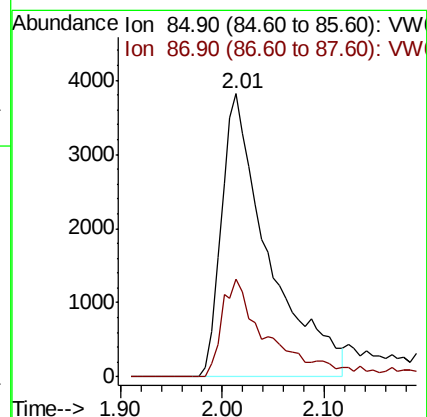
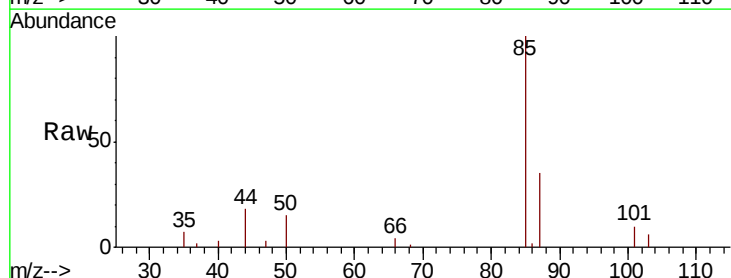
Acq: 20 Dec 2018 04:14

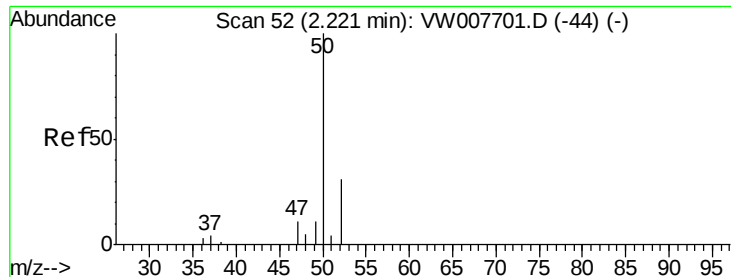
Tgt Ion: 85 Resp: 12260

Ion Ratio Lower Upper

85 100

87 34.6 16.3 48.8





#3

Chloromethane

Concen: 24.178 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion: 50 Resp: 9840

Ion Ratio Lower Upper

50 100

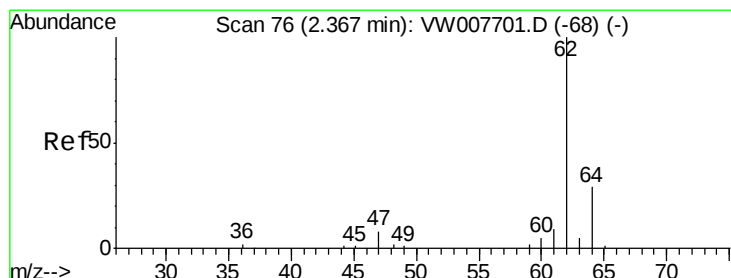
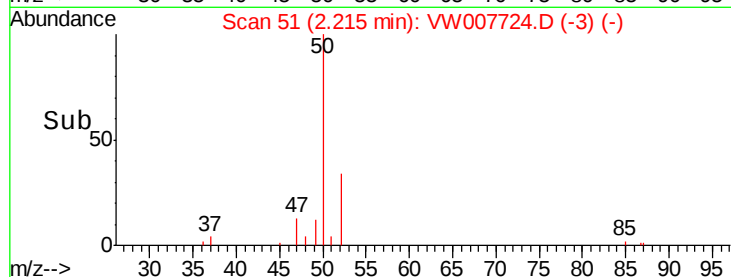
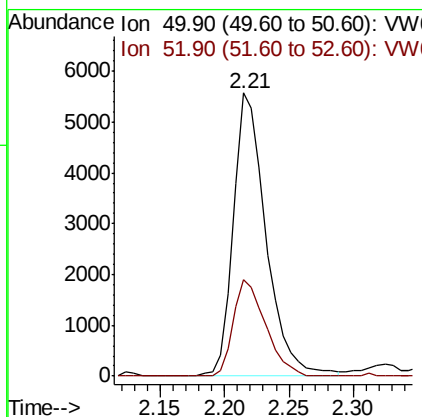
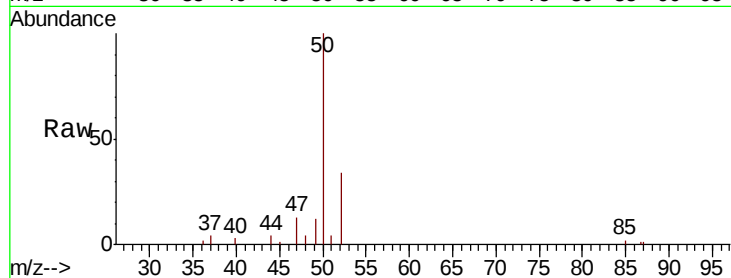
52 34.3 25.1 37.7

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#4

Vinyl Chloride

Concen: 24.048 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007724.D

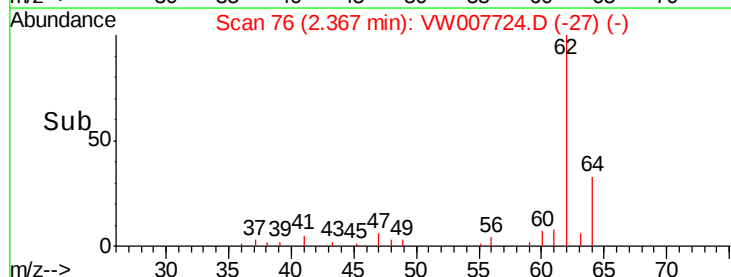
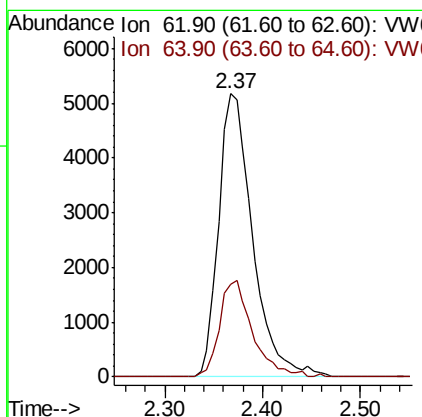
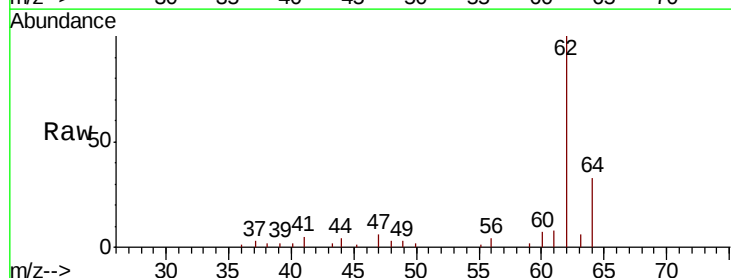
Acq: 20 Dec 2018 04:14

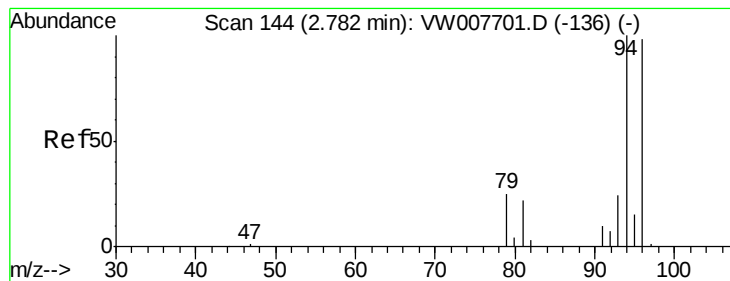
Tgt Ion: 62 Resp: 12459

Ion Ratio Lower Upper

62 100

64 32.6 23.4 35.0





#5

Bromomethane

Concen: 24.526 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

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Tot Ion: 94 Resp: 8850

Ion Ratio Lower Upper

94 100

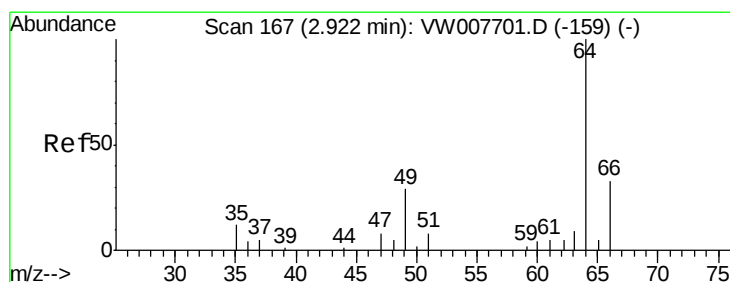
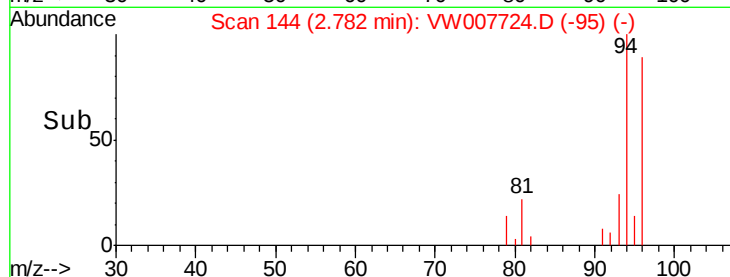
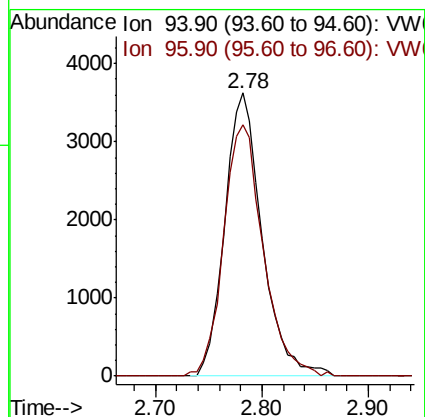
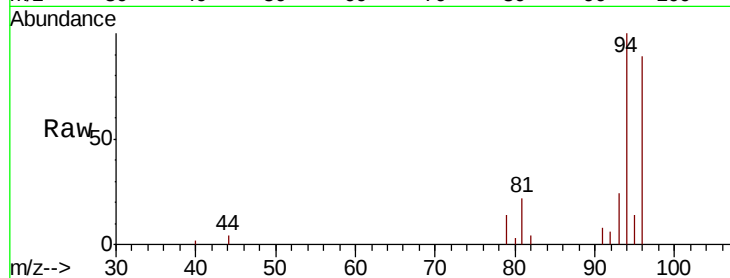
96 88.9 78.2 117.2

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#6

Chloroethane

Concen: 25.569 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007724.D

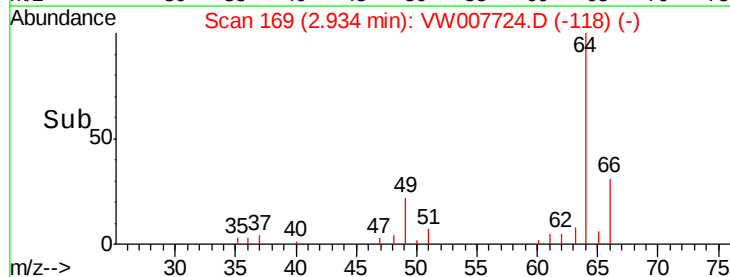
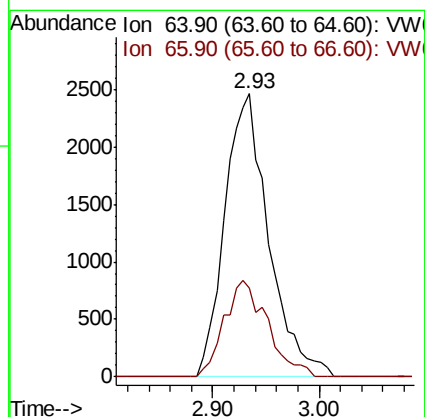
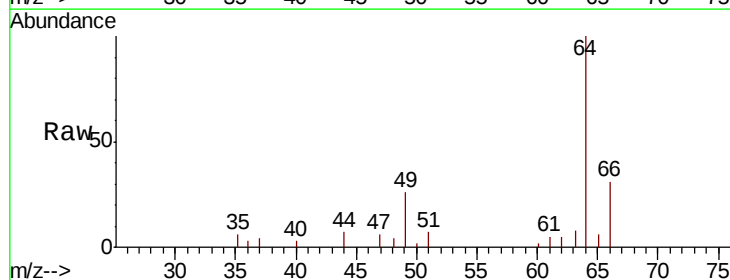
Acq: 20 Dec 2018 04:14

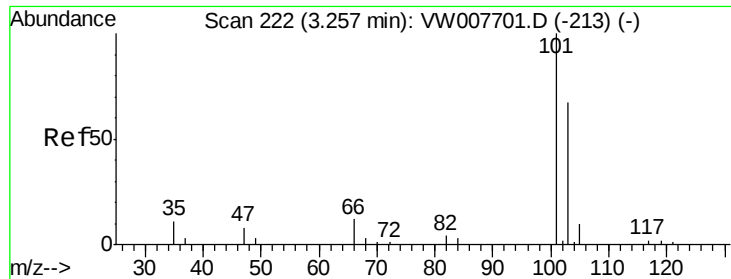
Tgt Ion: 64 Resp: 7087

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4





#7

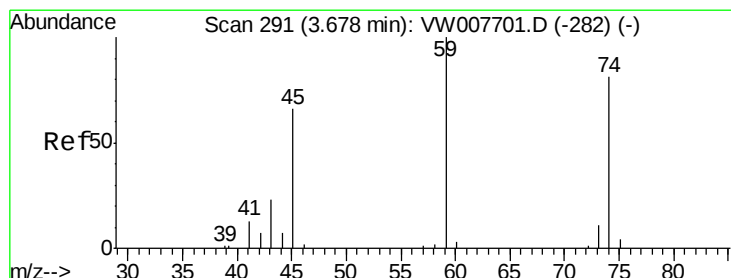
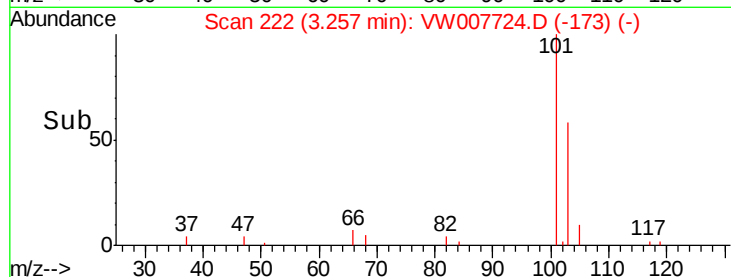
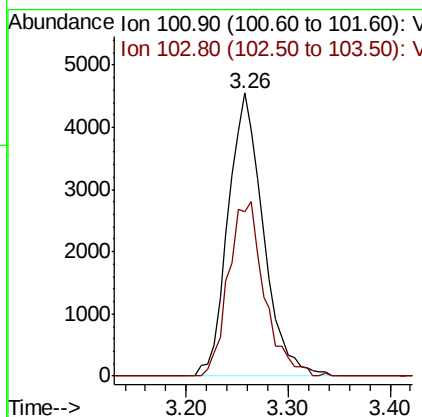
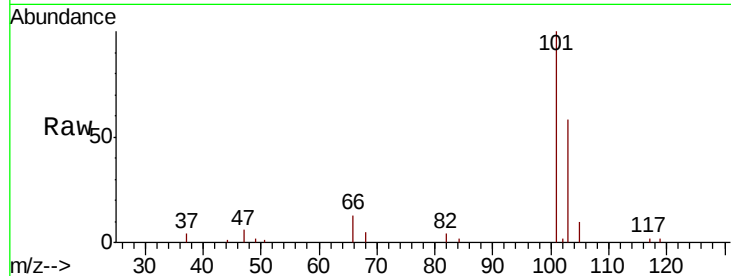
Trichlorofluoromethane
Concen: 20.227 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007724.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.3	53.4	80.2

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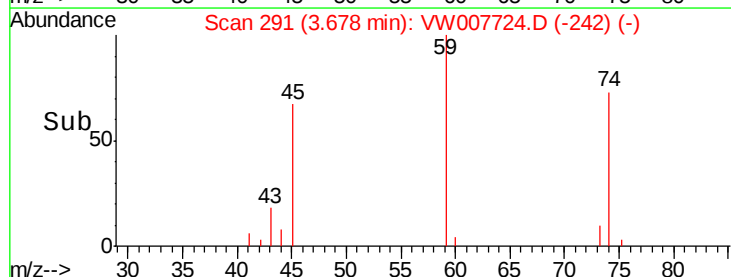
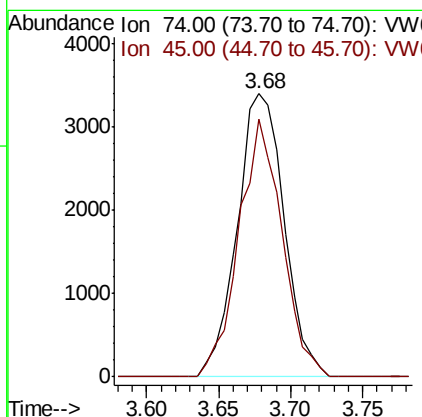
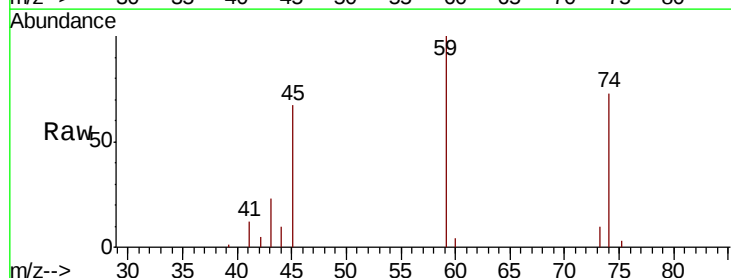
apatel
12/20/2018 11:20:43 AM

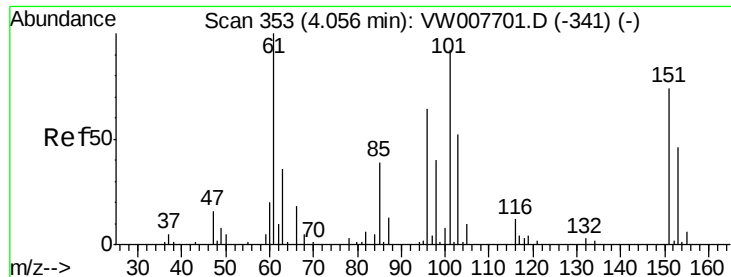


#8

Diethyl Ether
Concen: 23.195 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.1	39.4	118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.848 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

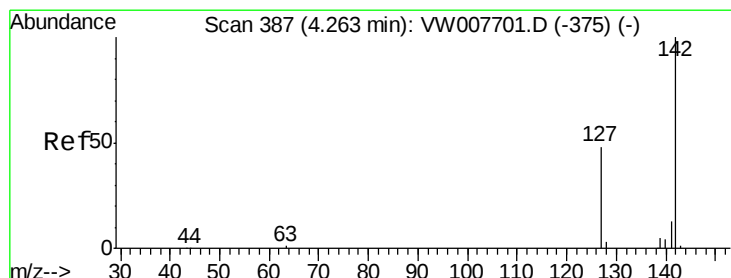
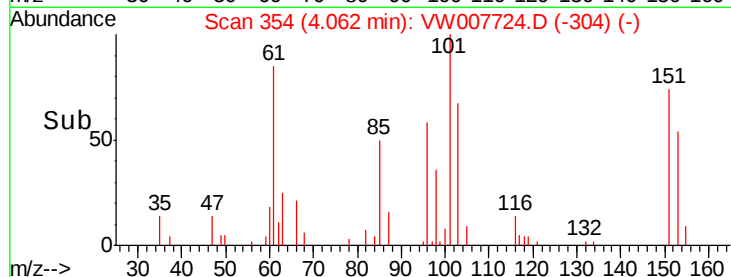
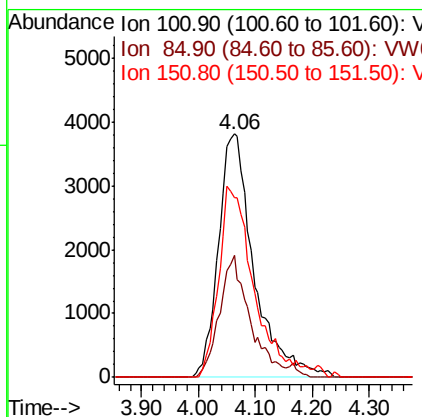
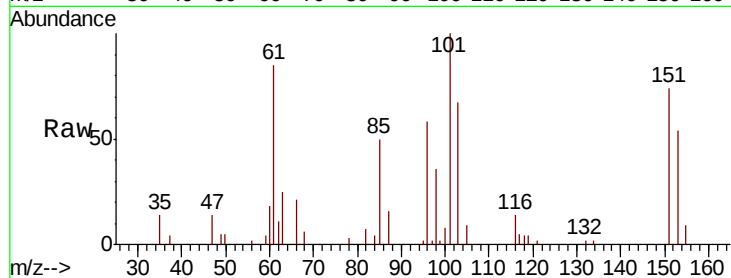
ClientSampleId :

VW1221SBSD02

Tot Ion:	101	Resp:	16561
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.3	51.5
151	77.9	64.6	96.8

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#10

Methyl Iodide

Concen: 22.433 ug/l

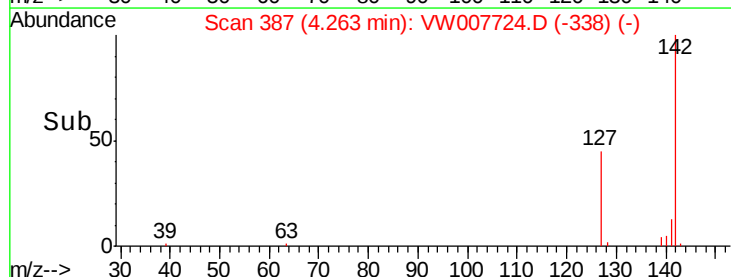
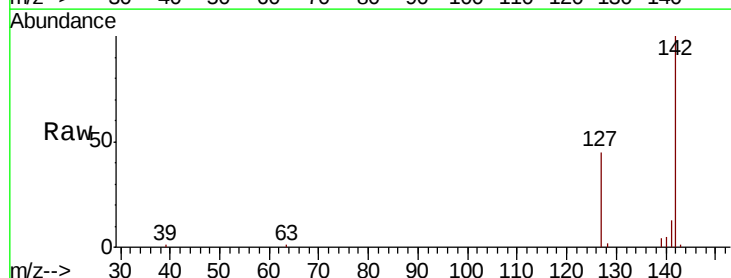
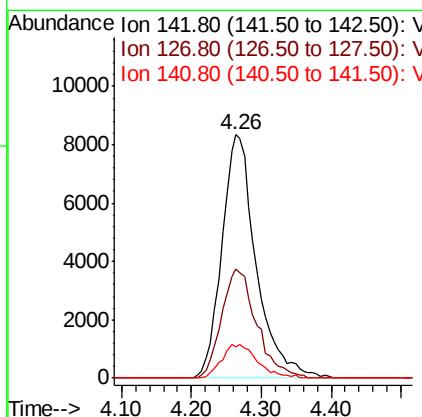
RT: 4.26 min Scan# 387

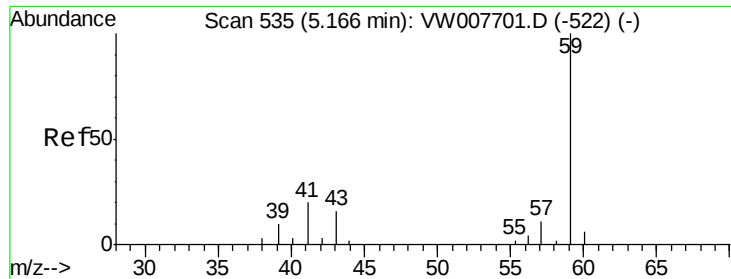
Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion:	142	Resp:	28339
Ion Ratio	Lower	Upper	
142	100		
127	45.8	37.7	56.5
141	14.4	11.5	17.3





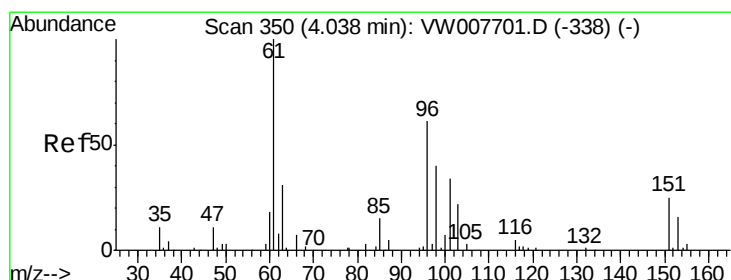
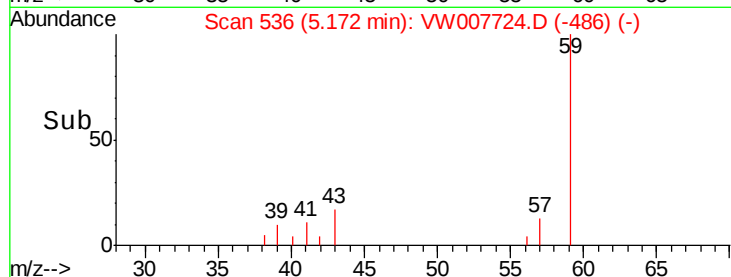
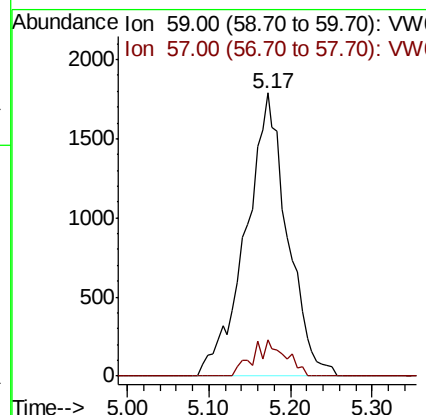
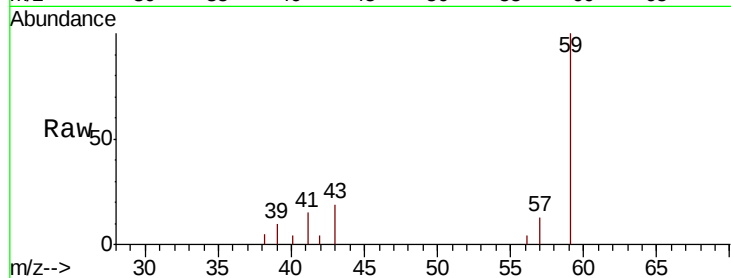
#11
Tert butyl alcohol
Concen: 115.323 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.8

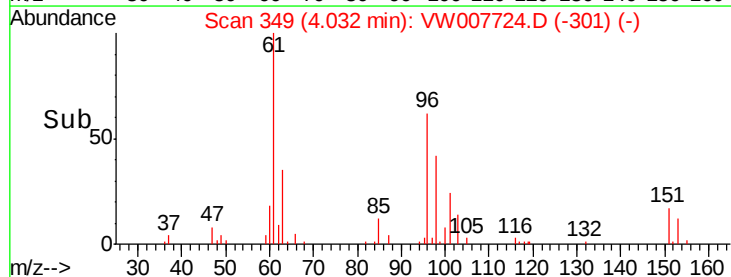
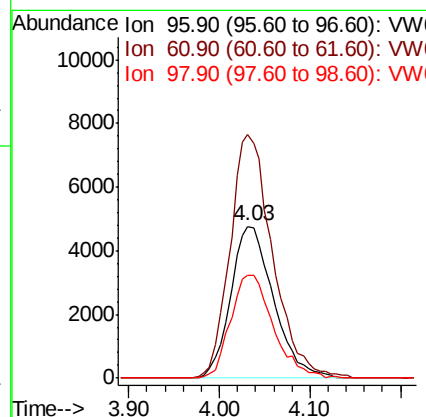
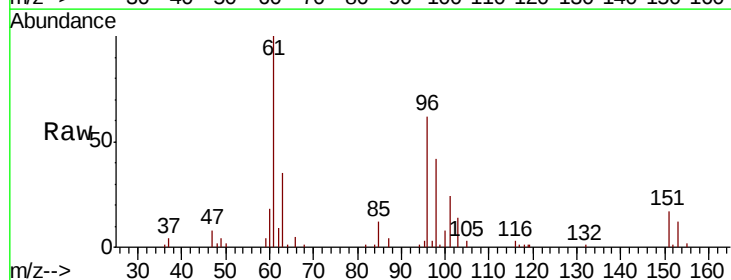
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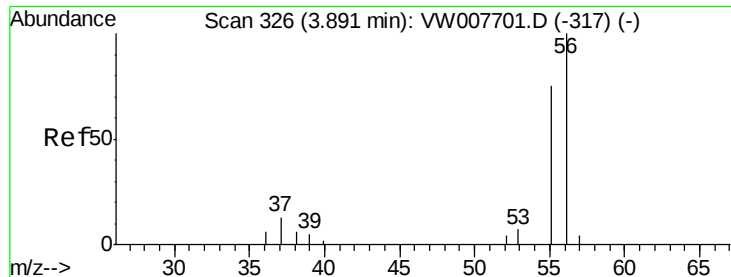
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#12
1,1-Dichloroethene
Concen: 21.340 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	130.6	195.8
98	67.3	52.3	78.5





#13

Acrolein

Concen: 106.320 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion: 56 Resp: 4686

Ion Ratio Lower Upper

56 100

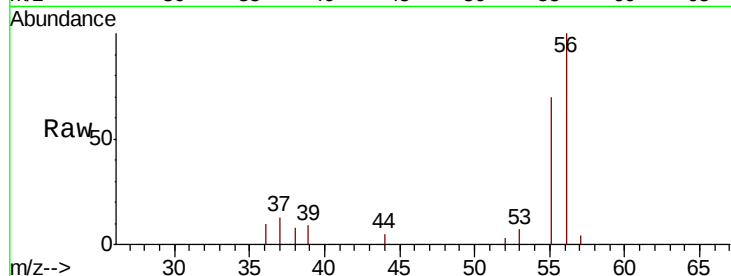
55 69.0 57.7 86.5

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.89

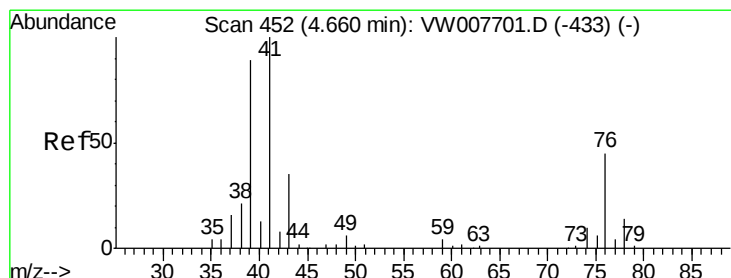
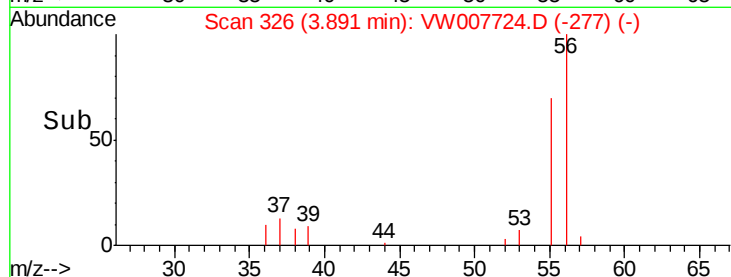
1500

1000

500

0

Time-->



#14

Allyl chloride

Concen: 22.950 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

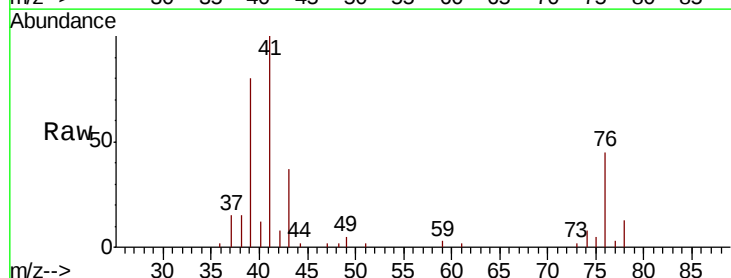
Tgt Ion: 41 Resp: 22138

Ion Ratio Lower Upper

41 100

39 82.4 69.5 104.3

76 42.5 34.8 52.2



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

4.67

10000

8000

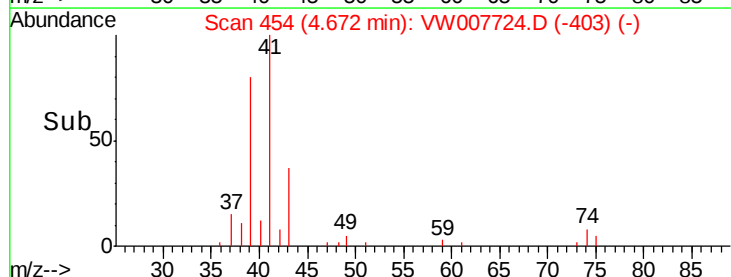
6000

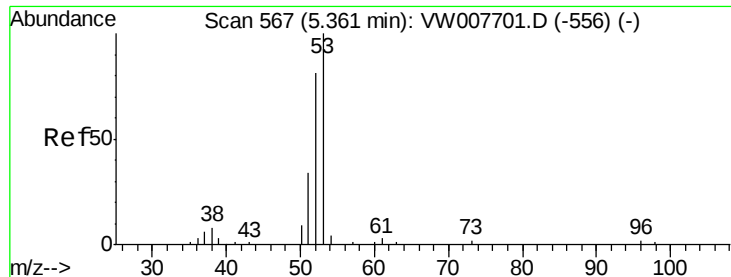
4000

2000

0

Time-->





#15

Acrylonitrile

Concen: 111.010 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

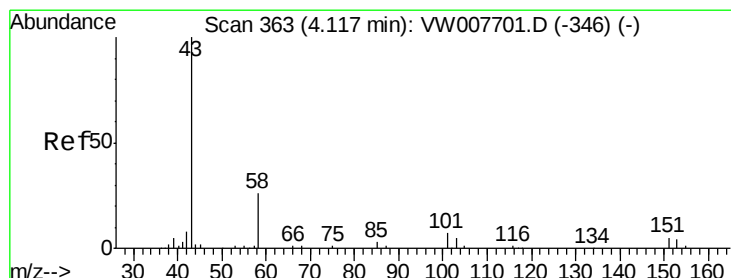
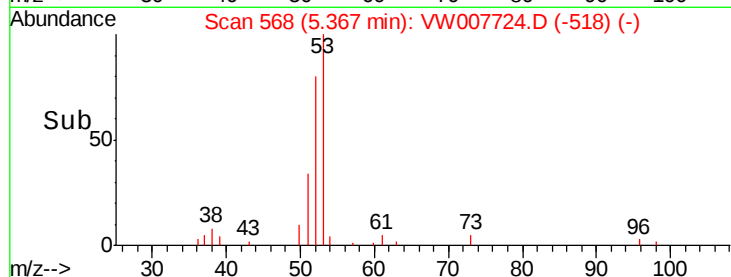
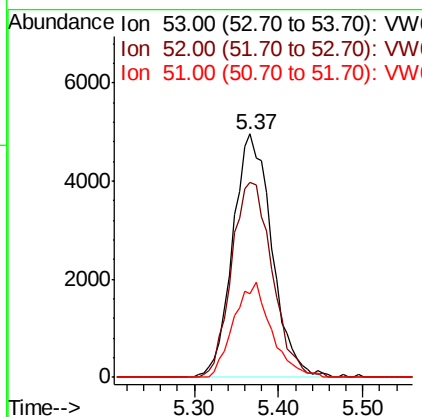
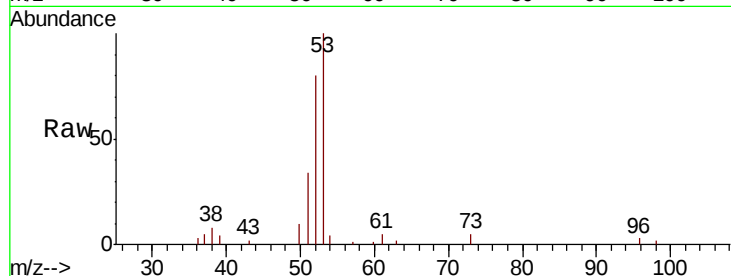
ClientSampleId :

VW1221SBSD02

Tot Ion:	53	Resp:	15644
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.0	100.4
51	37.5	30.2	45.2

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#16

Acetone

Concen: 92.413 ug/l

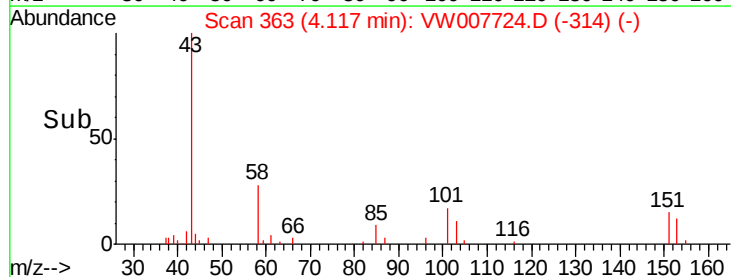
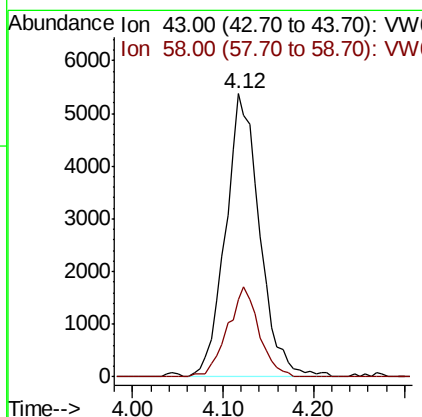
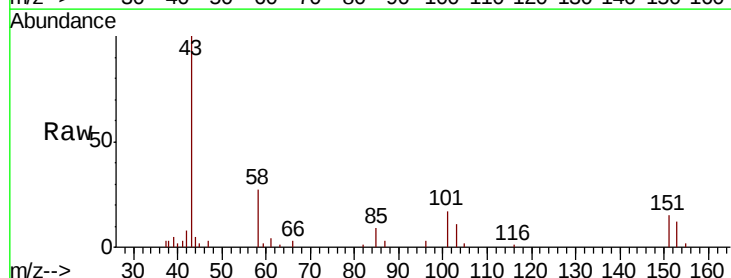
RT: 4.12 min Scan# 363

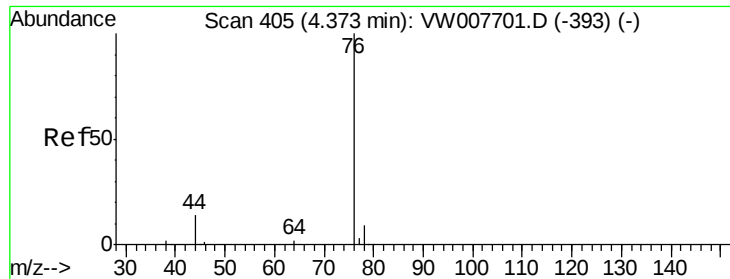
Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion:	43	Resp:	14141
Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.2	31.8





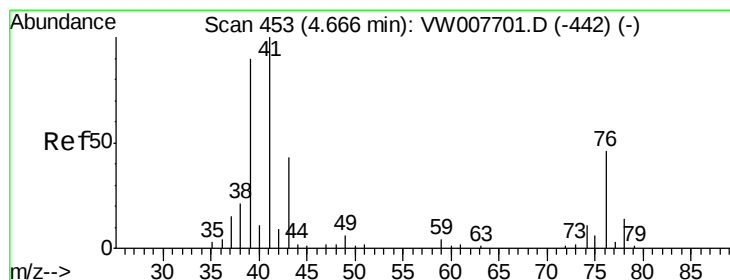
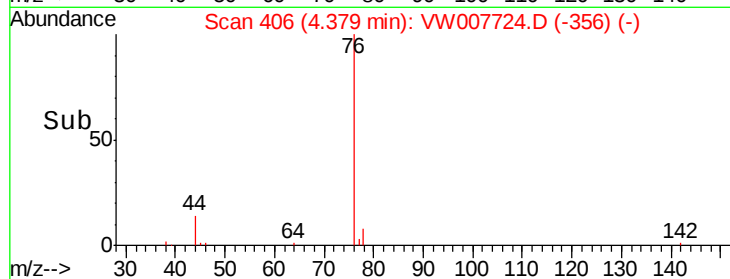
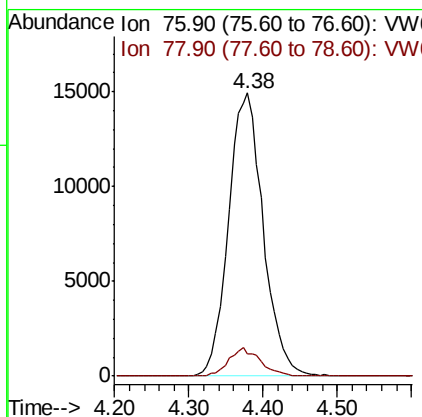
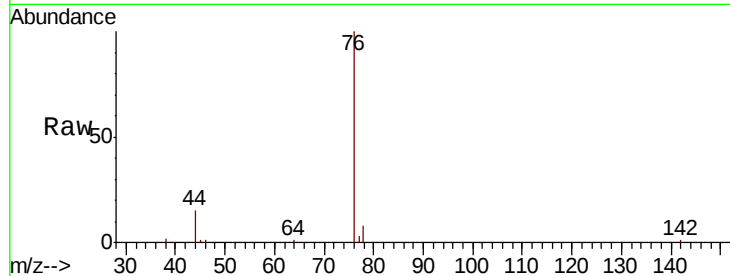
#17
Carbon Disulfide
Concen: 21.374 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.3	10.9

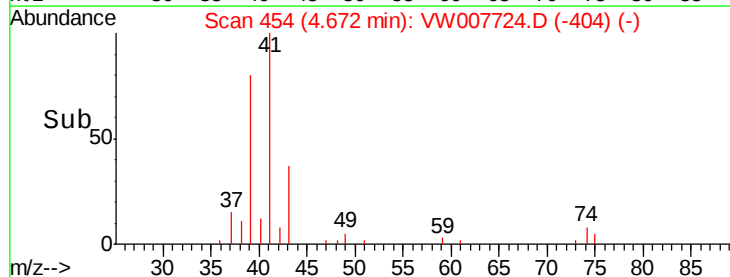
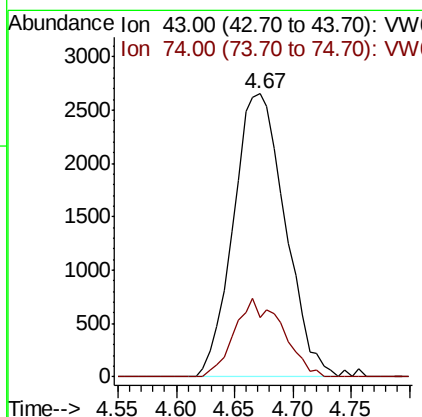
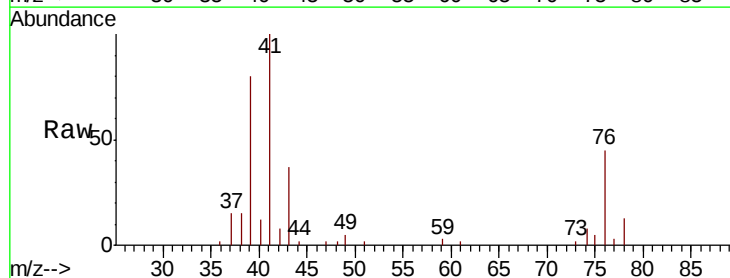
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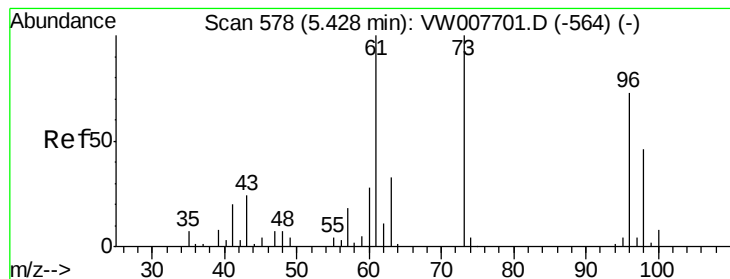
apatel
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#18
Methyl Acetate
Concen: 22.502 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	22.7	34.1





#19

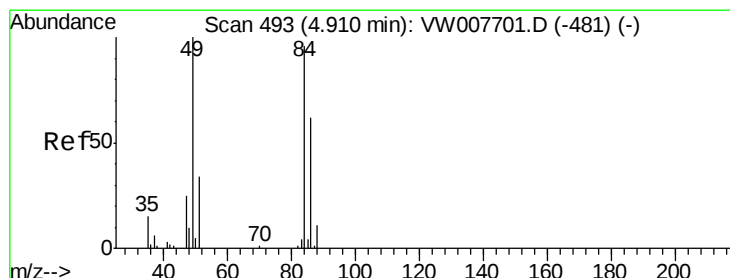
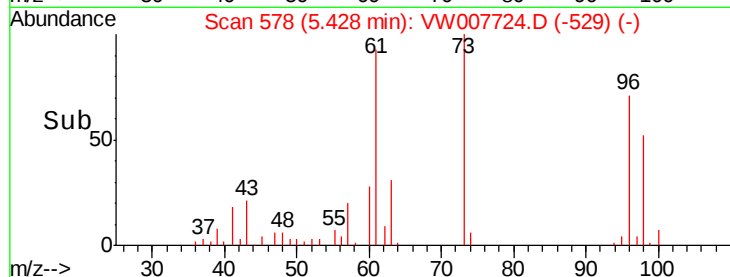
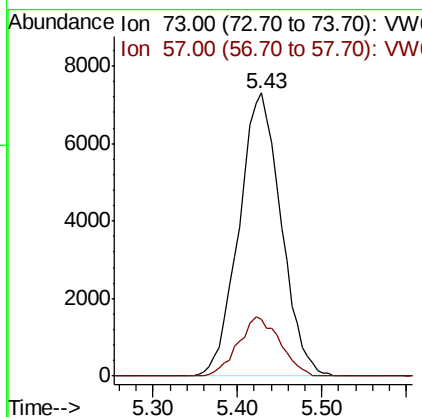
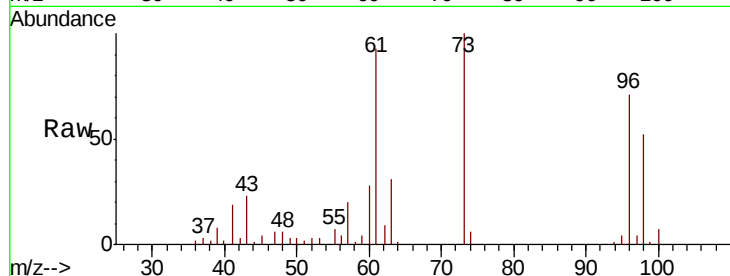
Methyl tert-butyl Ether
 Concen: 23.502 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	14.7	22.1

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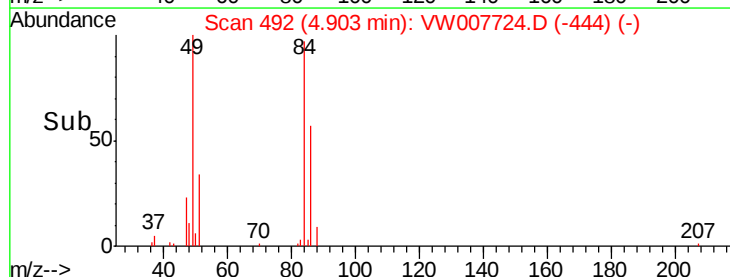
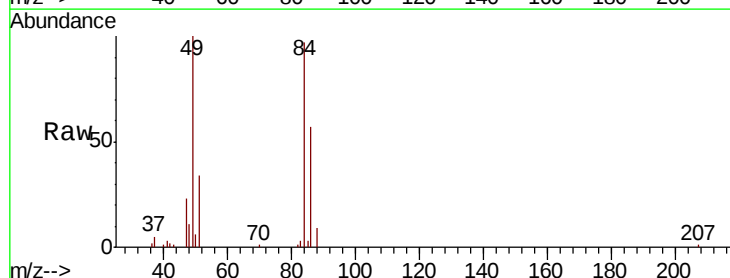
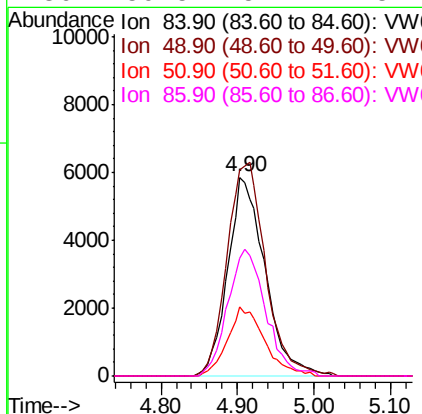
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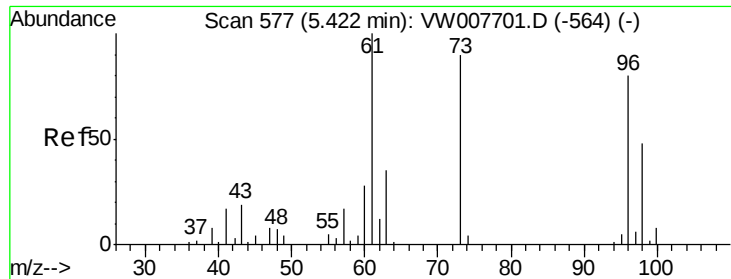


#20

Methylene Chloride
 Concen: 22.425 ug/l
 RT: 4.90 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.5	83.7	125.5
51	34.8	28.2	42.2
86	59.5	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 21.692 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion: 96 Resp: 17549

Ion Ratio Lower Upper

96 100

61 135.5 100.1 150.1

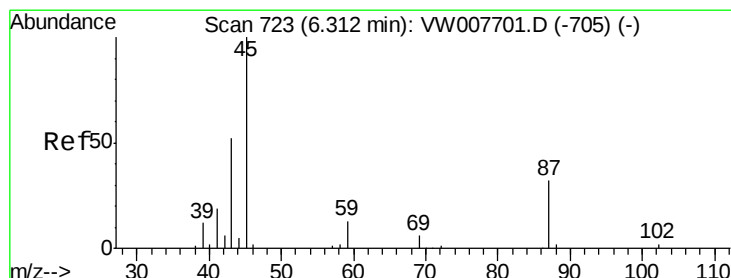
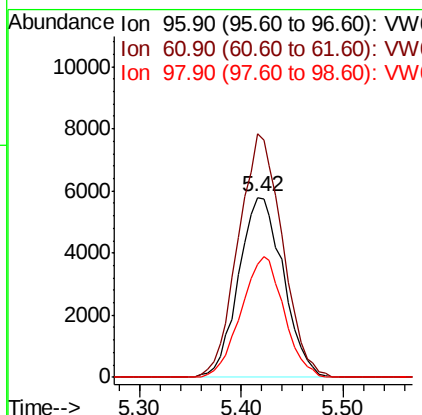
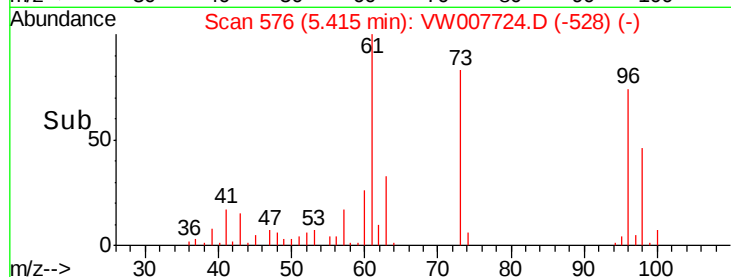
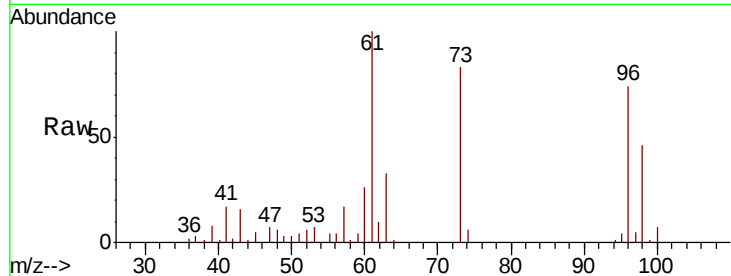
98 62.6 48.5 72.7

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#22

Diisopropyl ether

Concen: 23.865 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion: 45 Resp: 43105

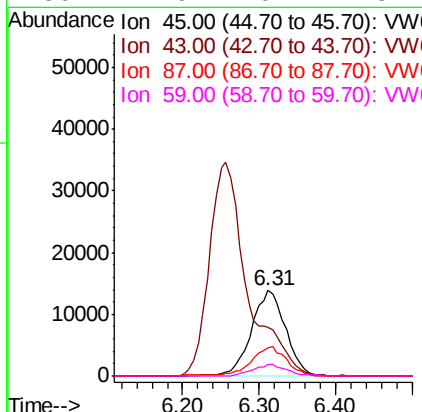
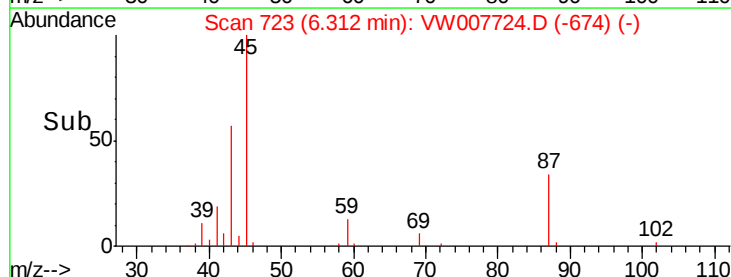
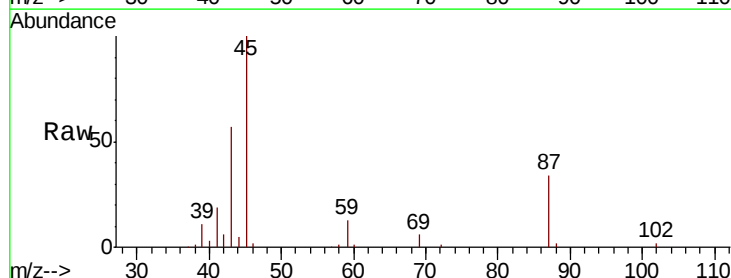
Ion Ratio Lower Upper

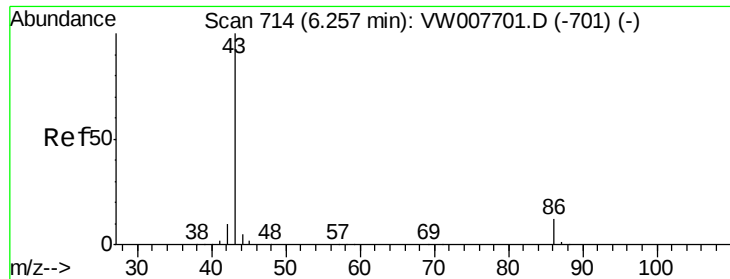
45 100

43 56.6 43.7 65.5

87 33.5 26.6 40.0

59 12.9 10.2 15.2





#23

Vinyl Acetate

Concen: 111.343 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 43 Resp: 119483

Ion Ratio Lower Upper

43 100

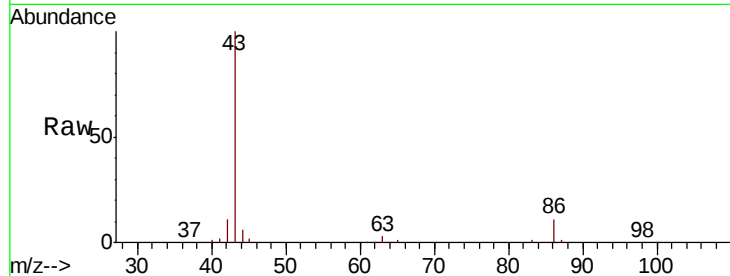
86 10.9 9.6 14.4

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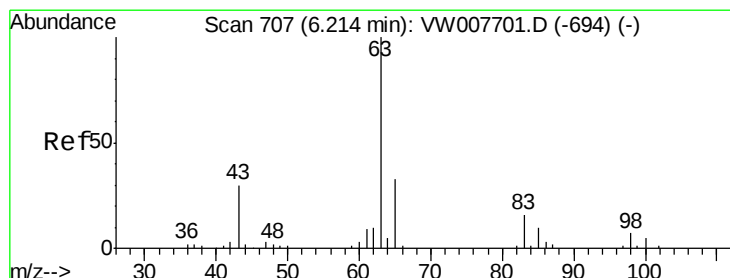
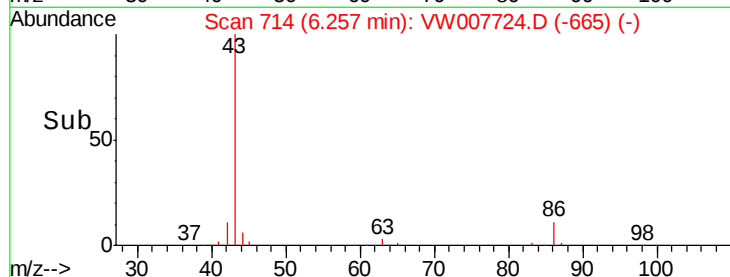
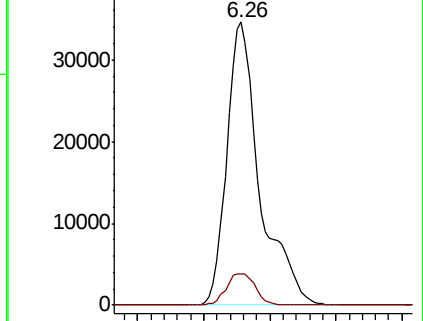
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.523 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

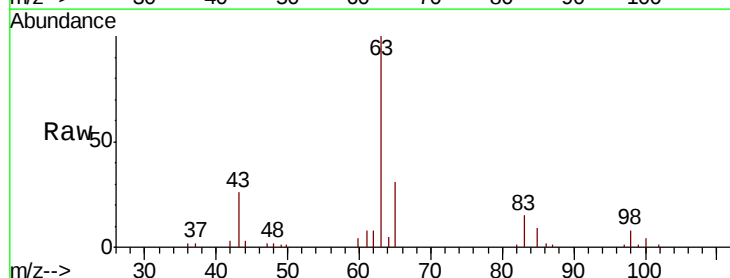
Tgt Ion: 63 Resp: 29927

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

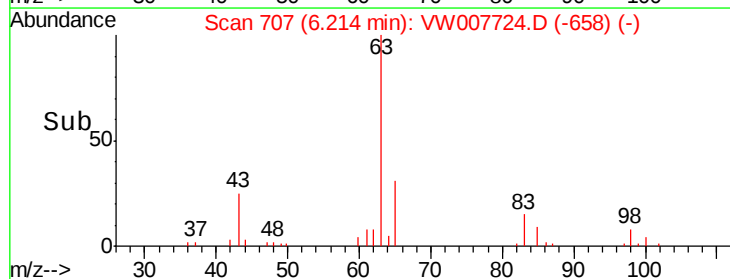
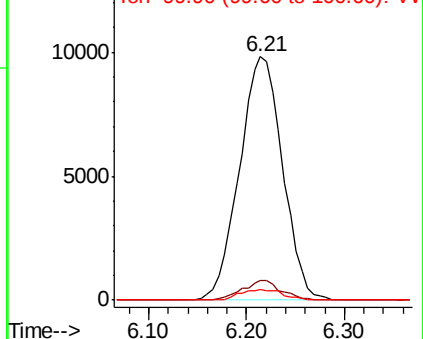
100 4.5 2.5 7.5

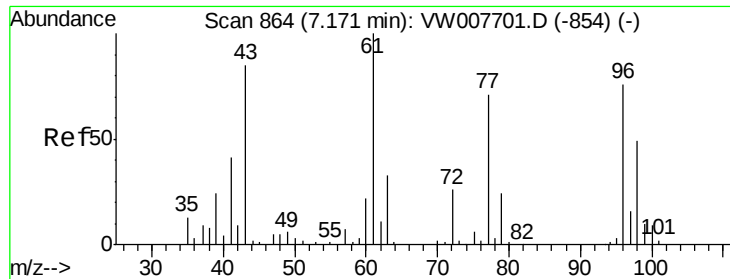


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 105.154 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion: 43 Resp: 18847

Ion Ratio Lower Upper

43 100

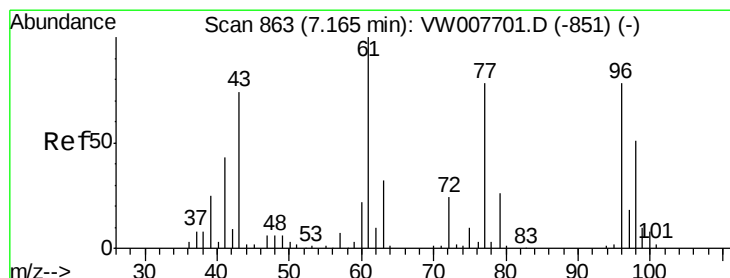
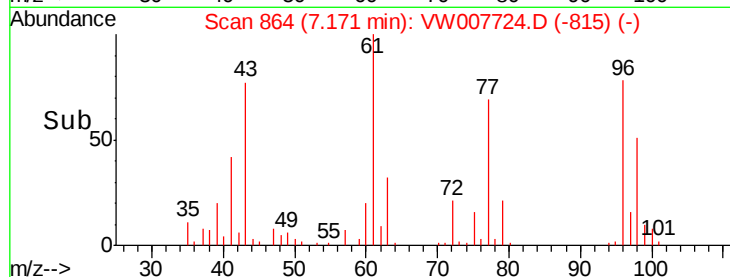
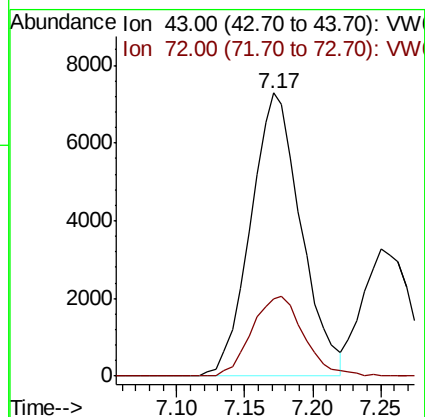
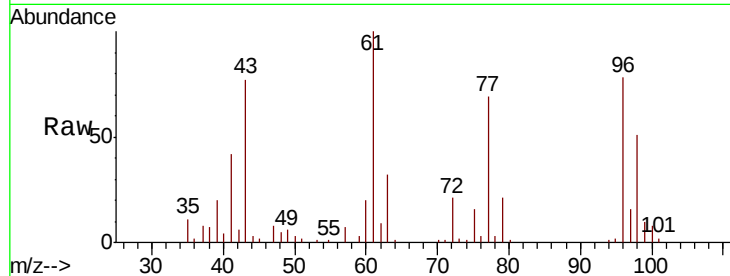
72 27.3 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 20.295 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007724.D

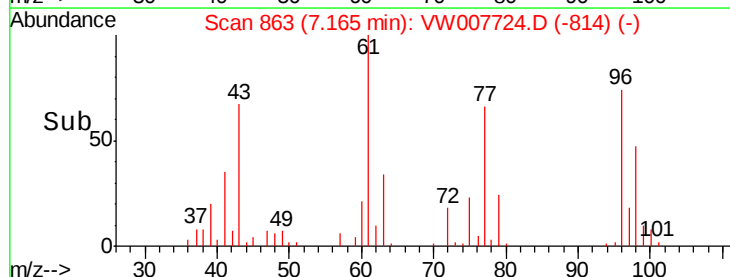
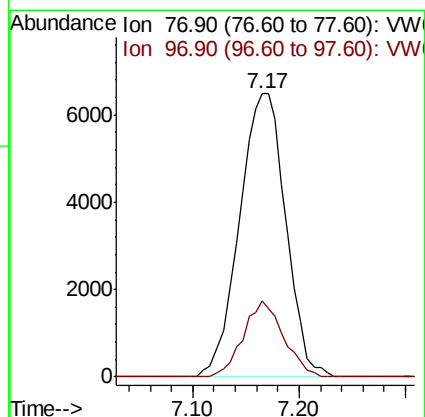
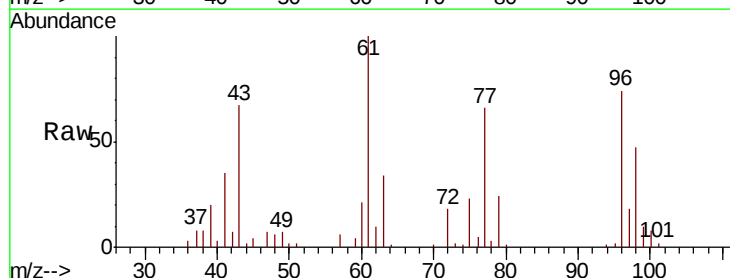
Acq: 20 Dec 2018 04:14

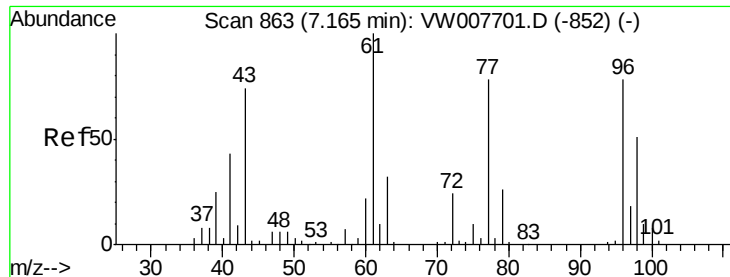
Tgt Ion: 77 Resp: 19733

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9





#27

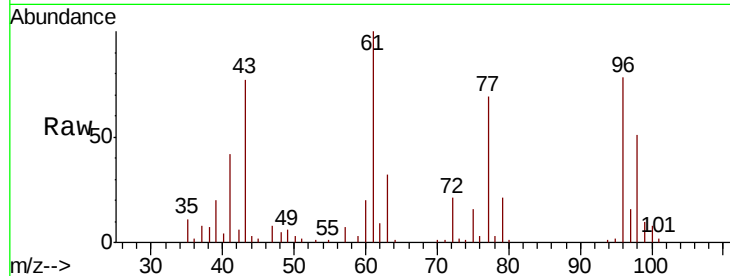
cis-1,2-Dichloroethene
Concen: 23.179 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	271.6
98	64.0	0.0	131.2

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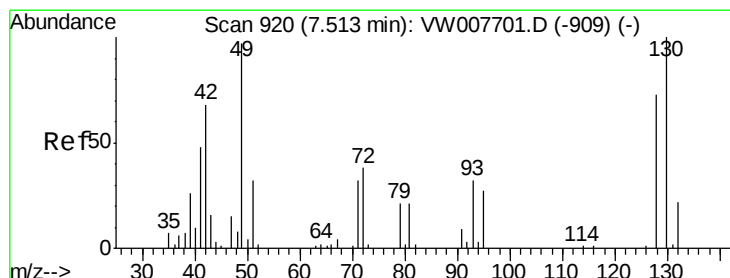
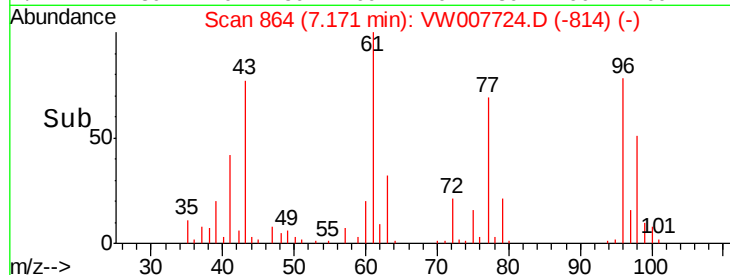
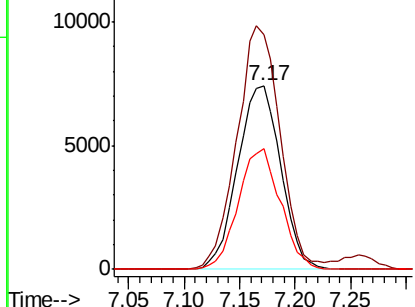


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

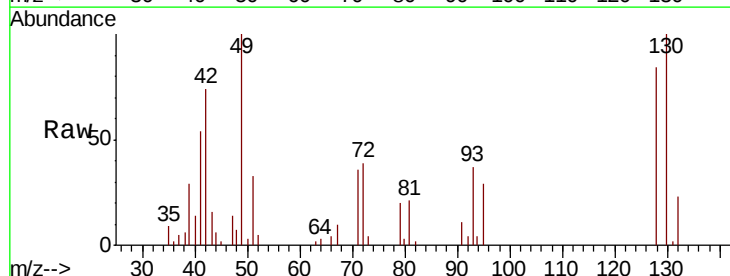
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 20.667 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	94.3	81.5	122.3

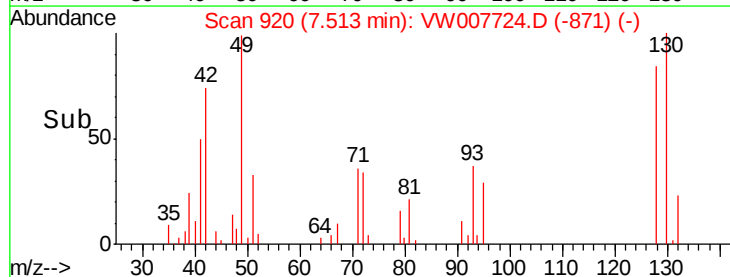
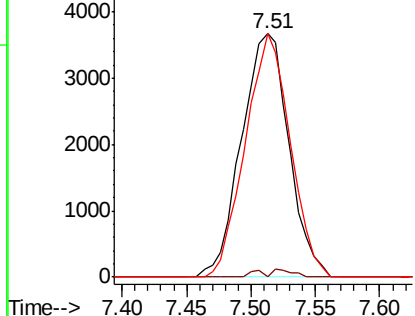


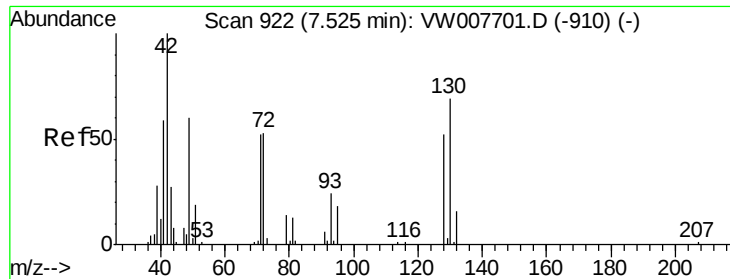
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





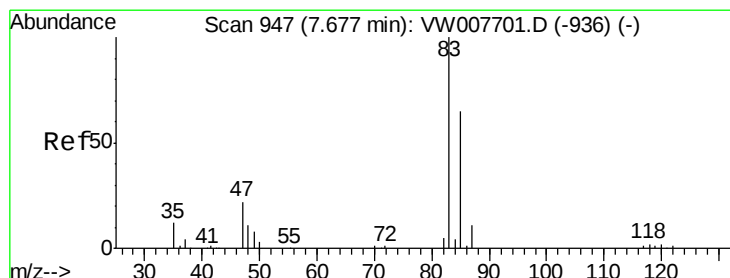
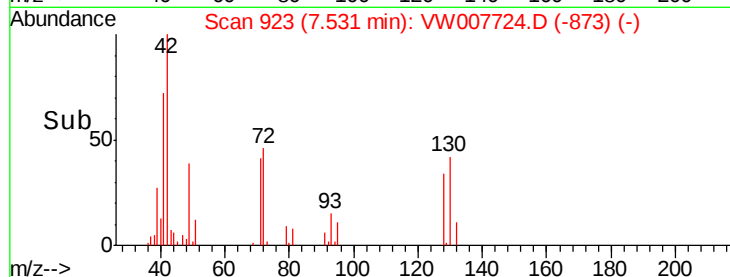
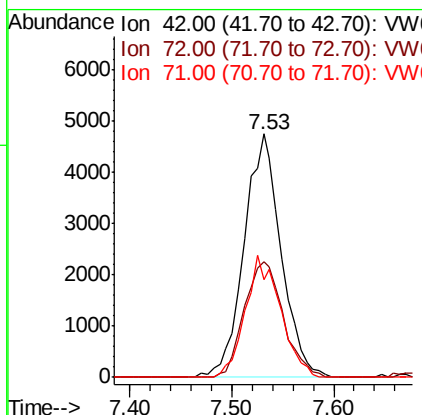
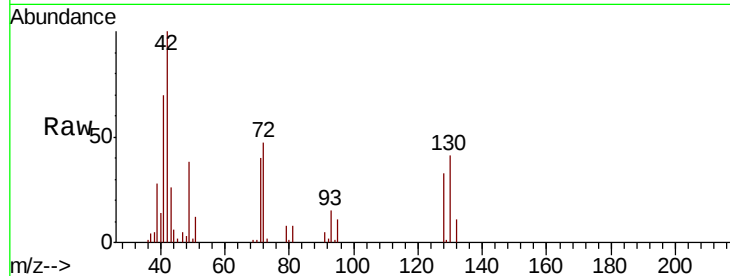
#29
Tetrahydrofuran
Concen: 112.142 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.0	41.7	62.5
71	47.4	39.0	58.6

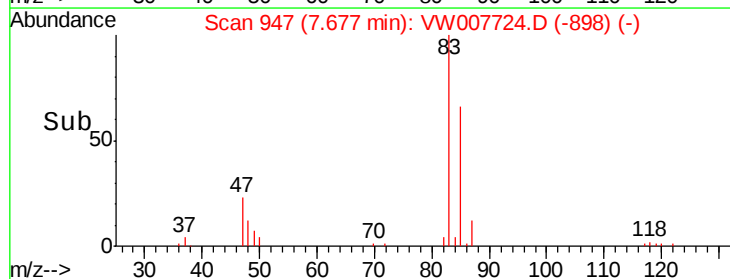
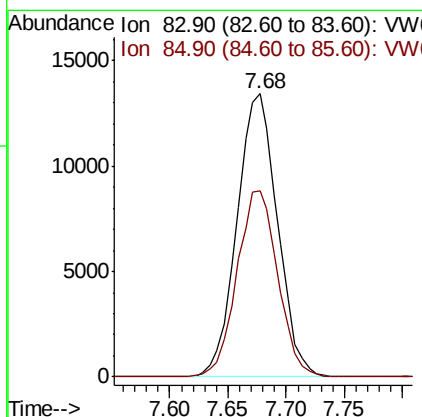
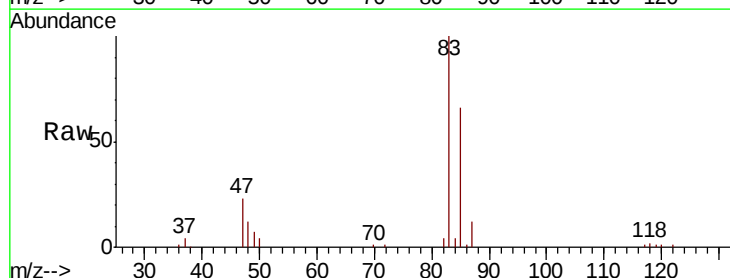
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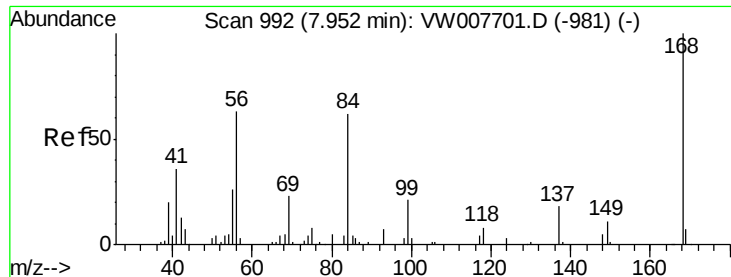
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#30
Chloroform
Concen: 21.666 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.2	78.2





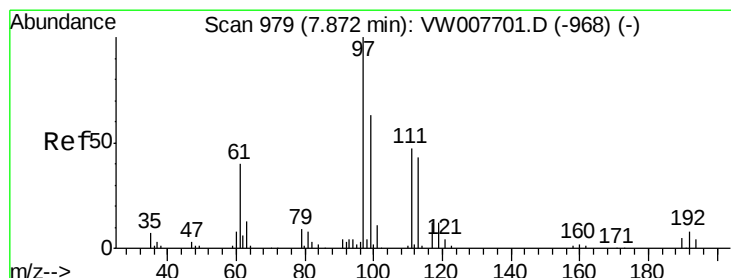
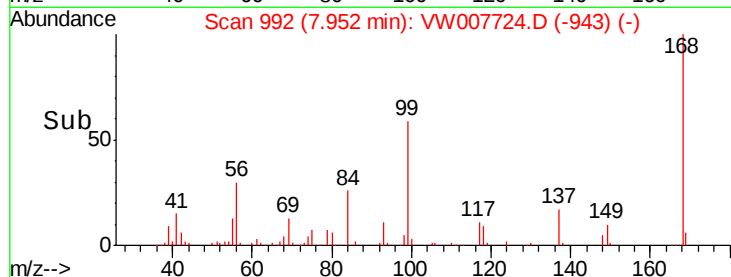
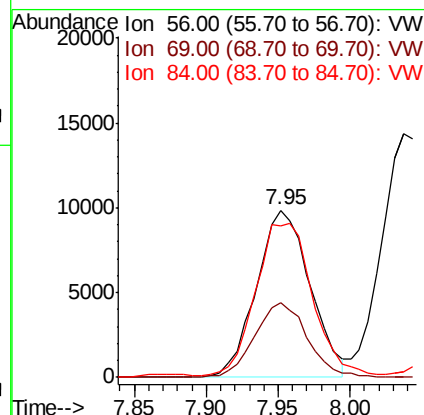
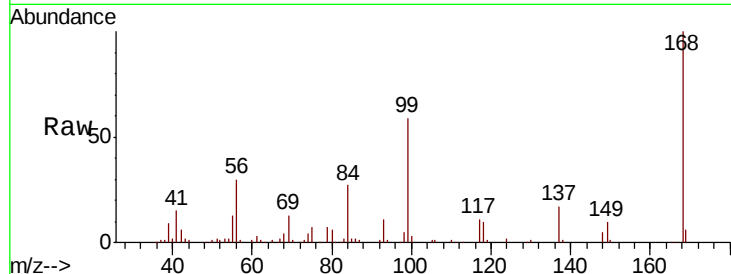
#31
Cyclohexane
Concen: 21.009 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	44.9	29.7	44.5#
84	90.1	78.9	118.3

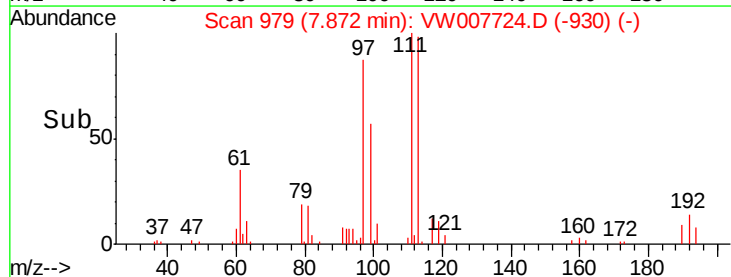
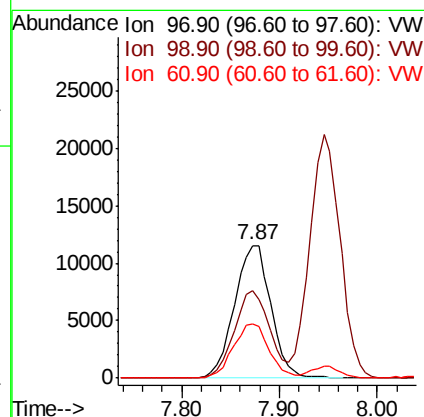
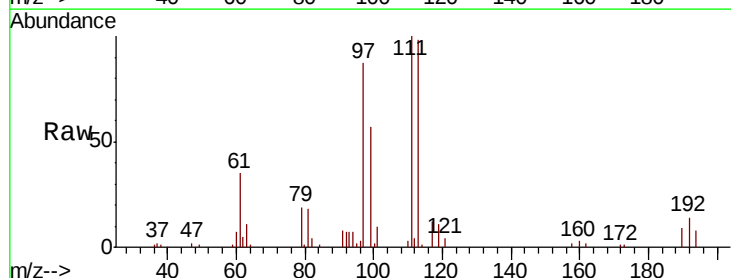
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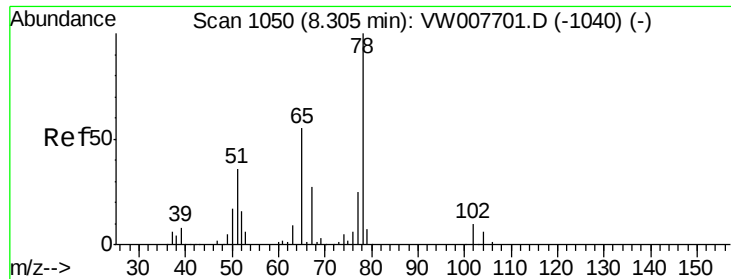
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#32
1,1,1-Trichloroethane
Concen: 21.703 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	76.0
61	40.6	32.3	48.5





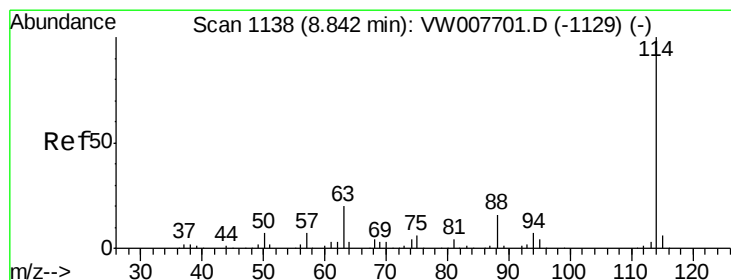
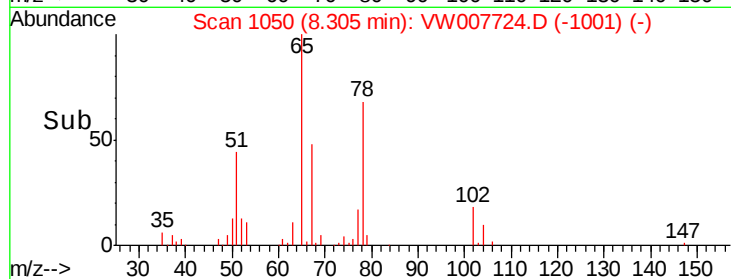
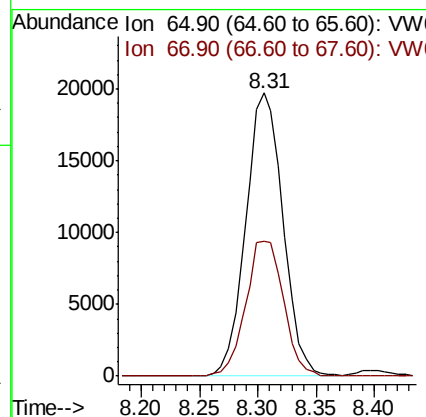
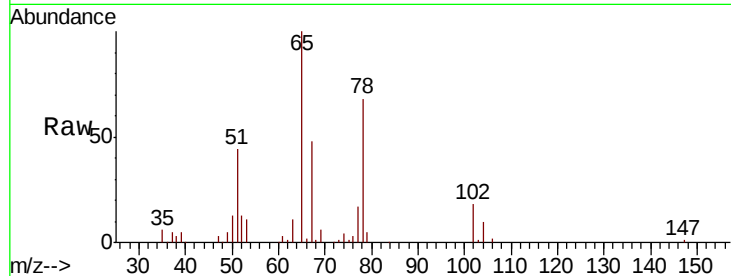
#33
 1,2-Dichloroethane-d4
 Concen: 53.697 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	100.6

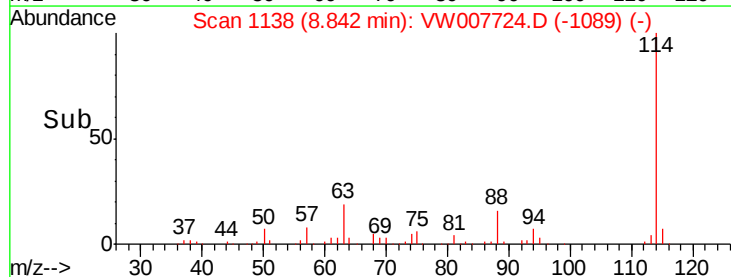
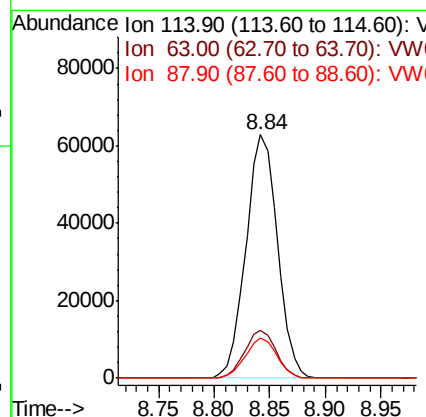
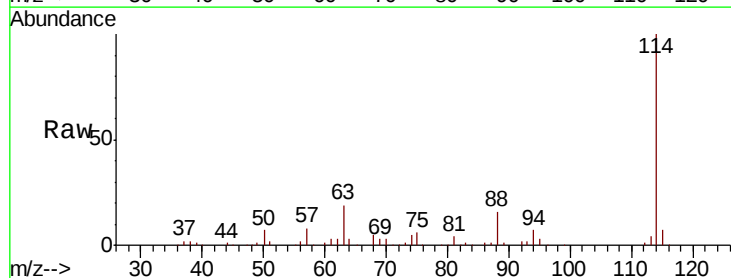
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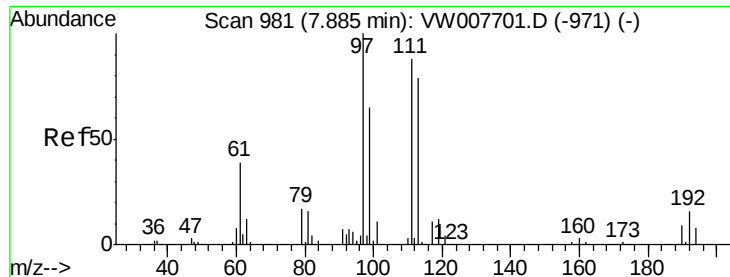
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	16.4	0.0	32.6





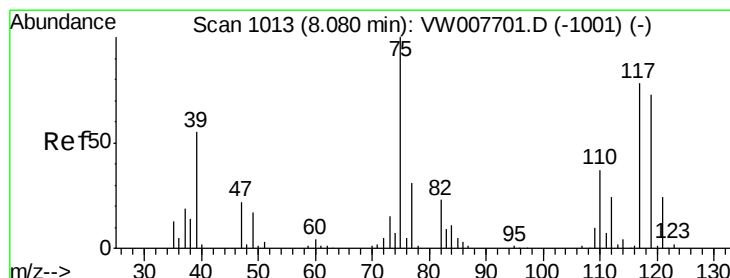
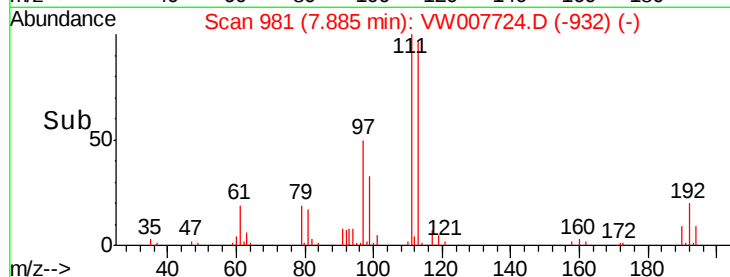
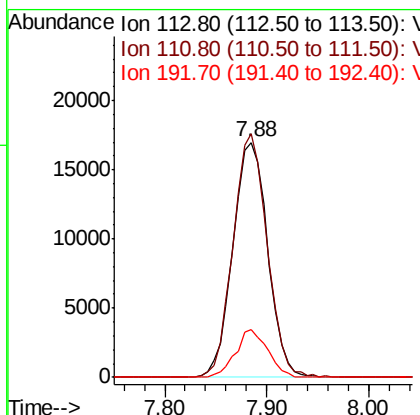
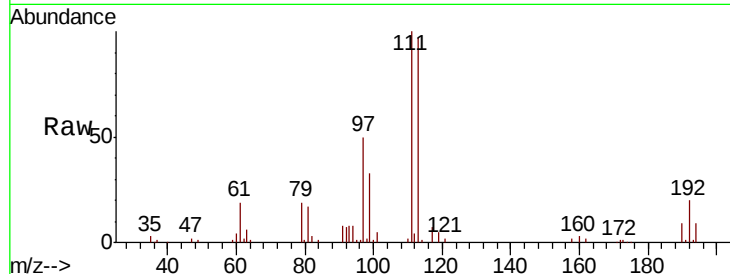
#35
Dibromofluoromethane
Concen: 53.199 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.6	124.0
192	18.7	15.5	23.3

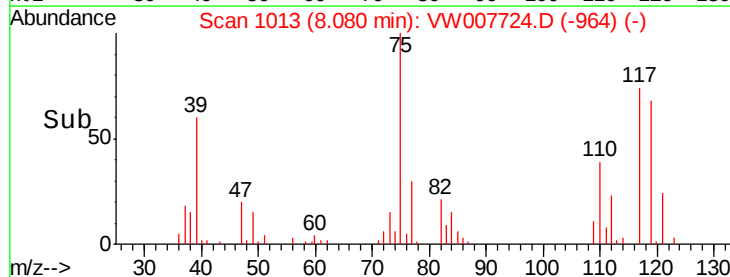
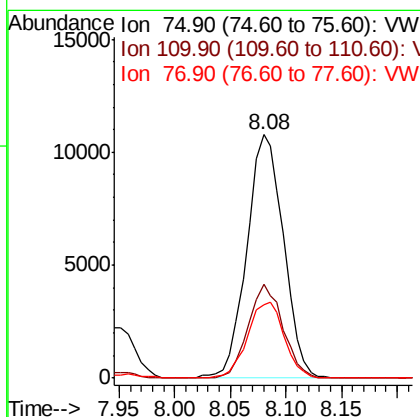
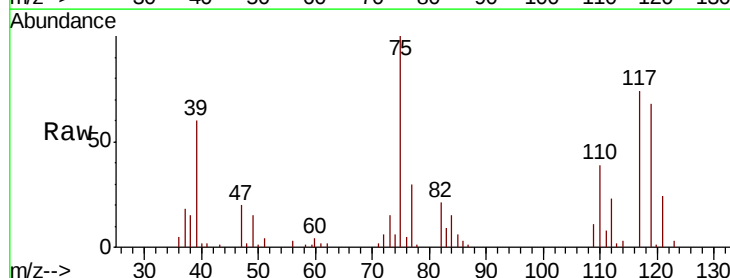
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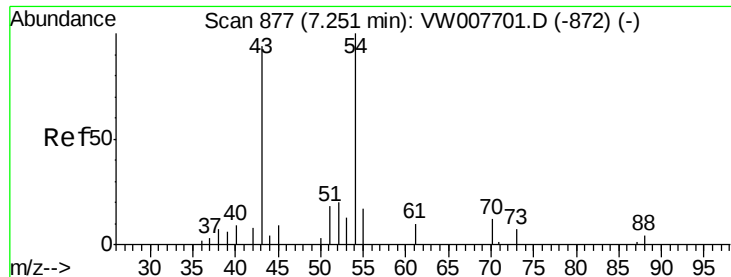
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#36
1,1-Dichloropropene
Concen: 20.675 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.6	55.8
77	31.4	25.0	37.4





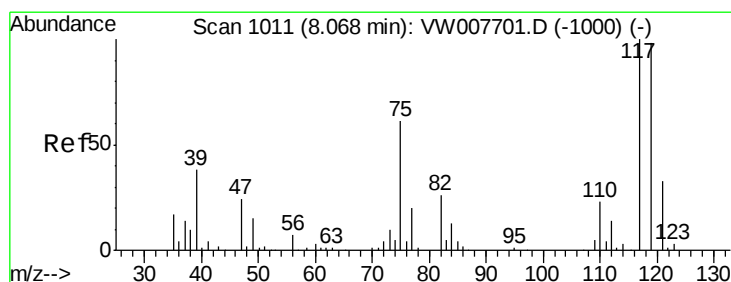
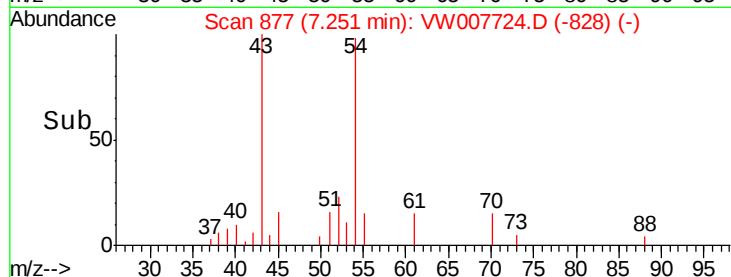
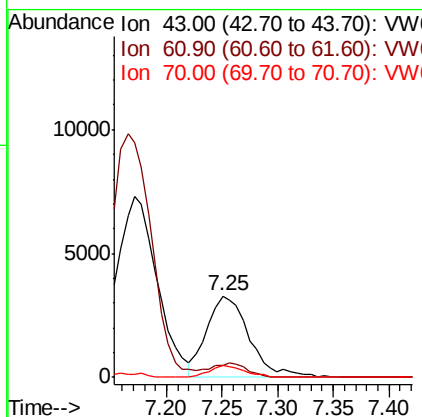
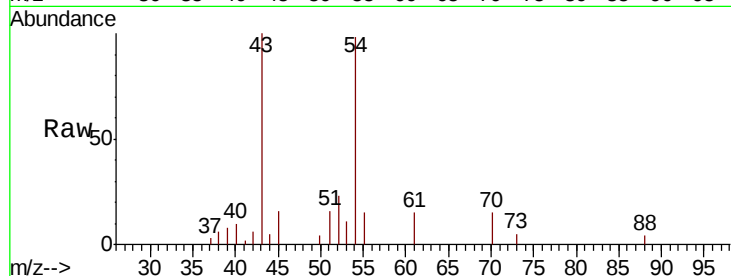
#37
Ethyl Acetate
Concen: 21.021 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.2	16.8
70	12.3	9.3	13.9

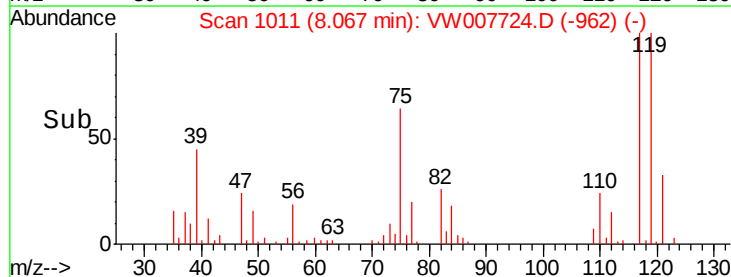
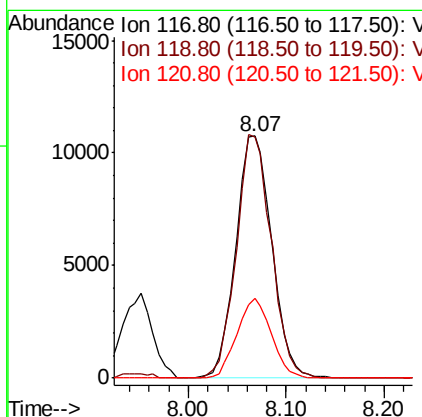
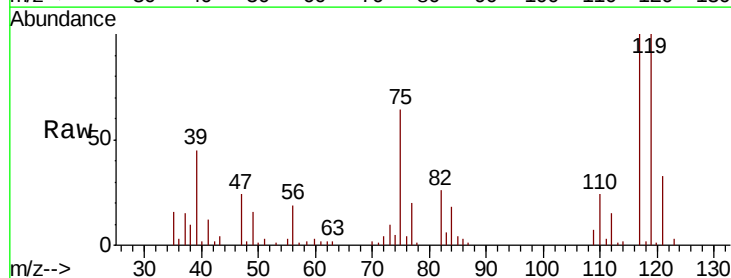
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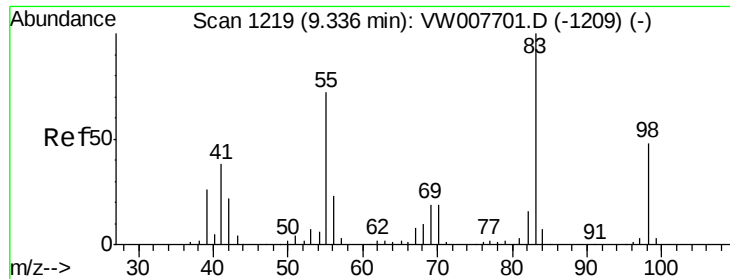
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#38
Carbon Tetrachloride
Concen: 19.538 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	78.2	117.2
121	33.2	26.1	39.1





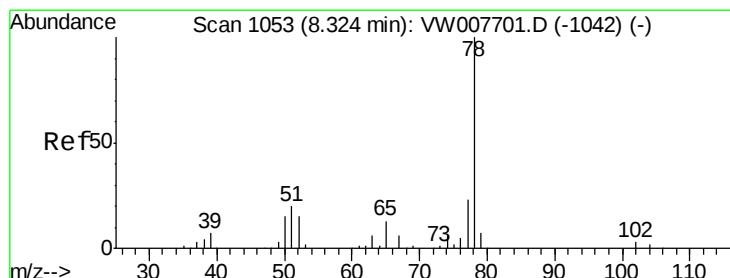
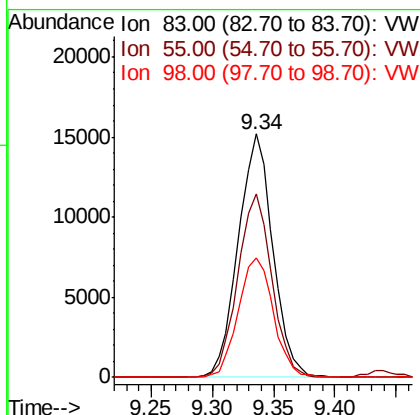
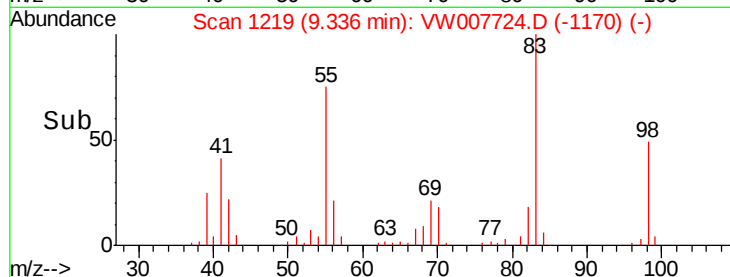
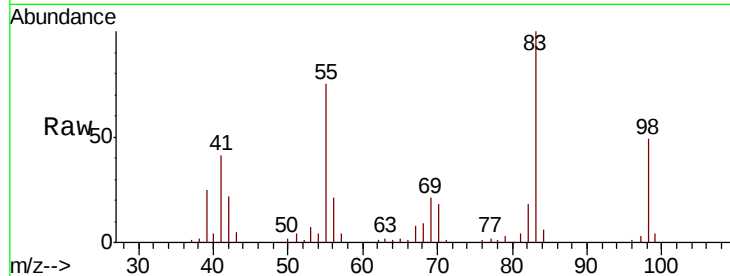
#39
Methvlcvclohexane
Concen: 20.061 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.1	57.2	85.8
98	49.3	38.6	58.0

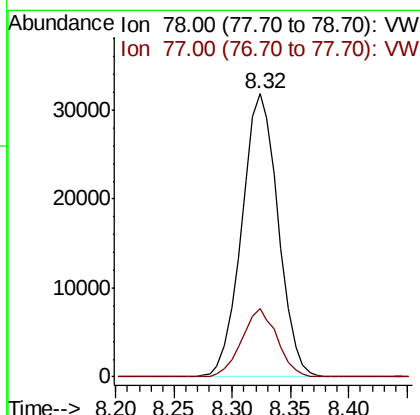
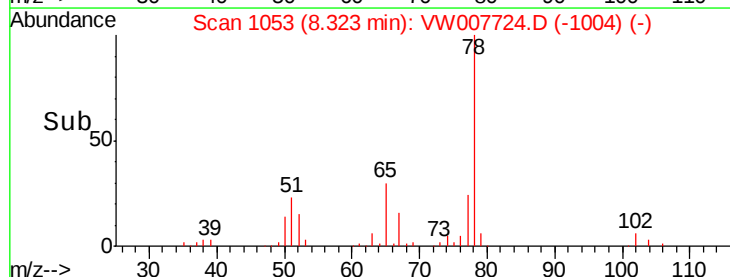
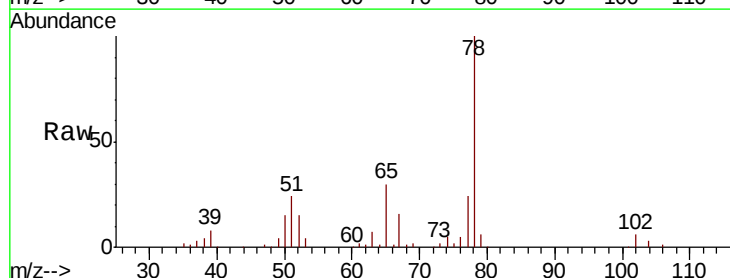
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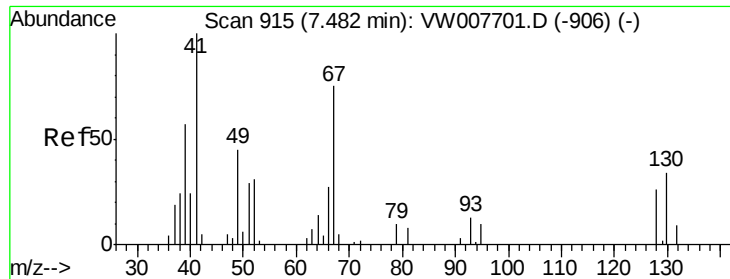
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#40
Benzene
Concen: 21.704 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1





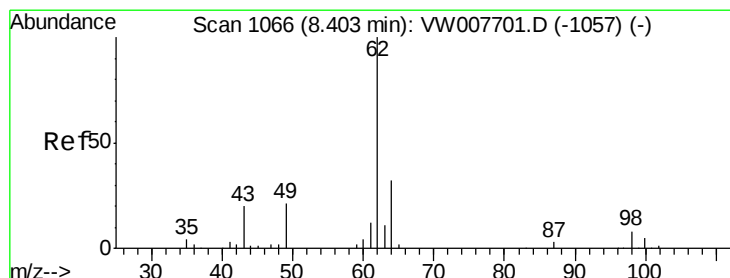
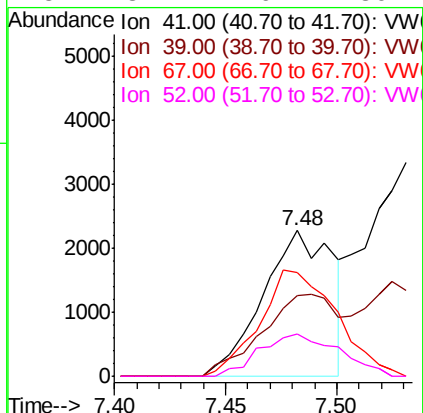
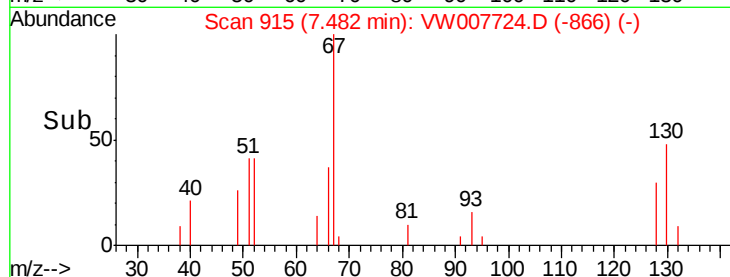
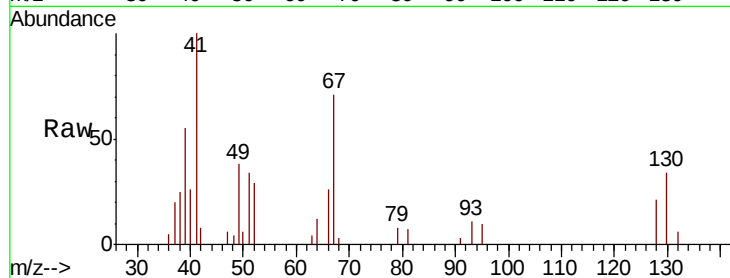
#41
Methacrylonitrile
Concen: 21.295 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion:	41	Resp:	4990
Ion	Ratio	Lower	Upper
41	100		
39	58.3	54.2	81.4
67	79.5	65.7	98.5
52	32.7	26.2	39.4

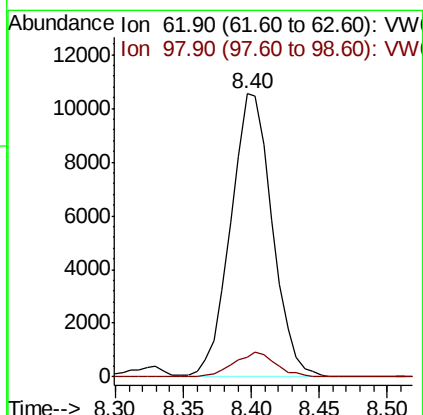
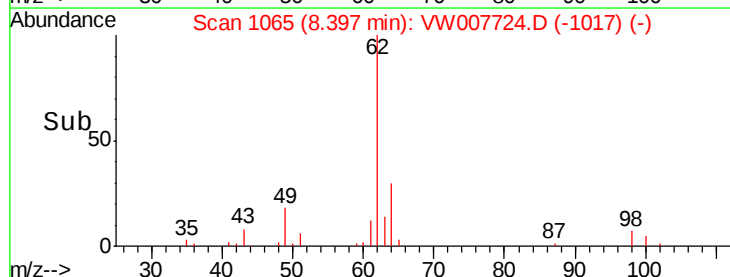
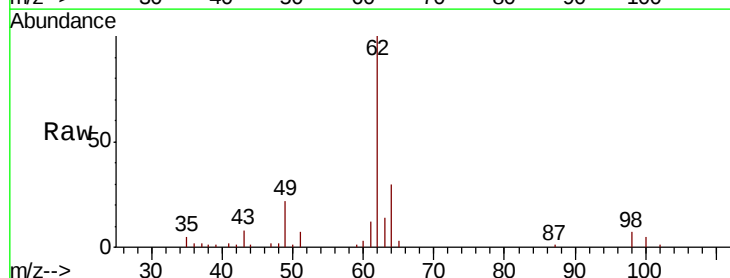
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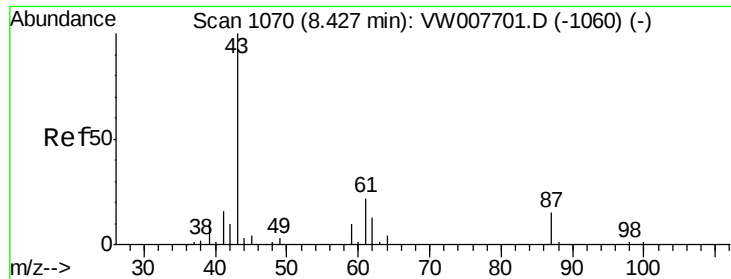
apatel
12/20/2018 11:20:43 AM



#42
1,2-Dichloroethane
Concen: 20.971 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:	62	Resp:	22428
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.957 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

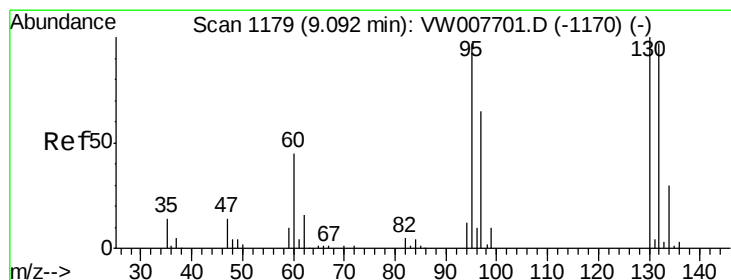
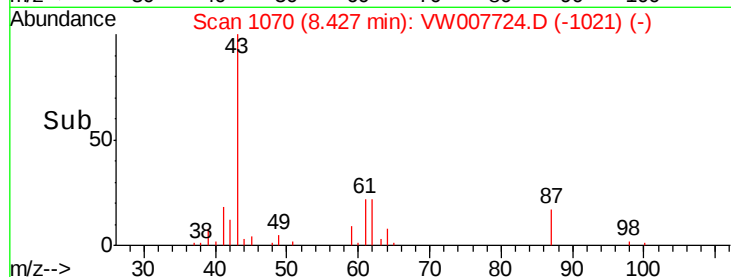
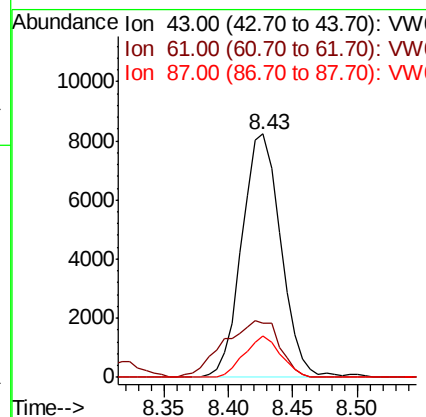
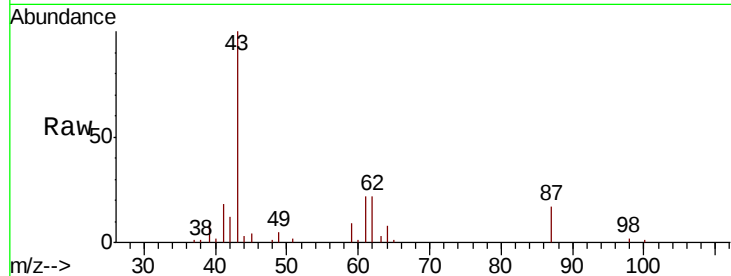
ClientSampleId :

VW1221SBSD02

Tot Ion:	43	Resp:	17329
Ion	Ratio	Lower	Upper
43	100		
61	33.0	26.3	39.5
87	15.6	12.0	18.0

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#44

Trichloroethene

Concen: 21.539 ug/l

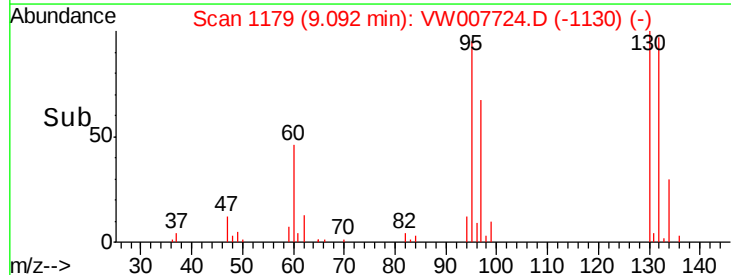
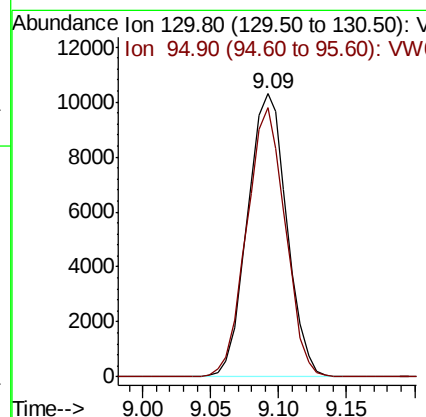
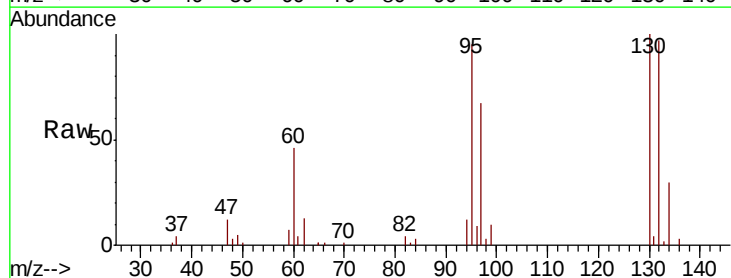
RT: 9.09 min Scan# 1179

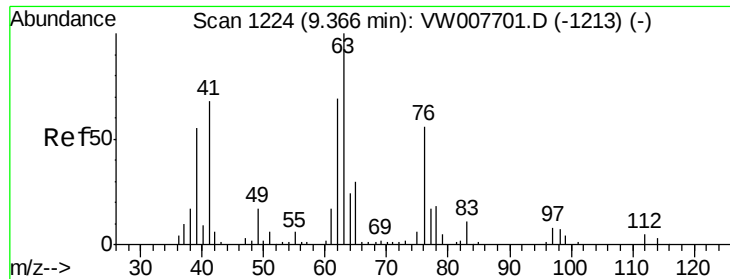
Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion:	130	Resp:	20787
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	194.8





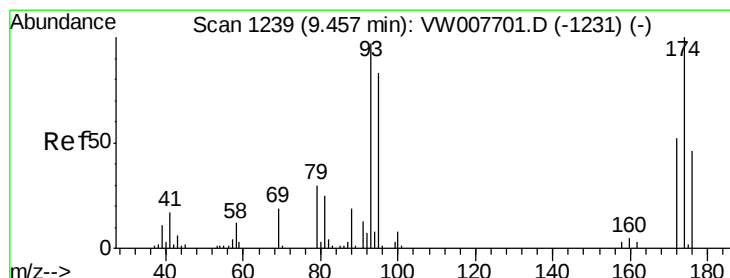
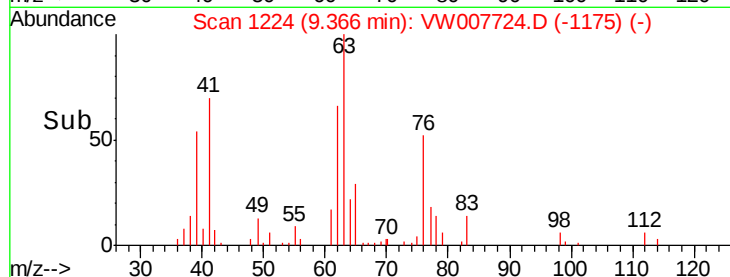
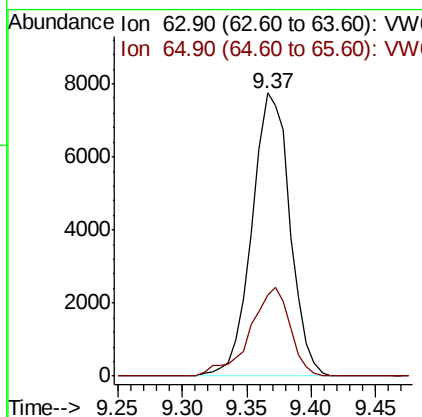
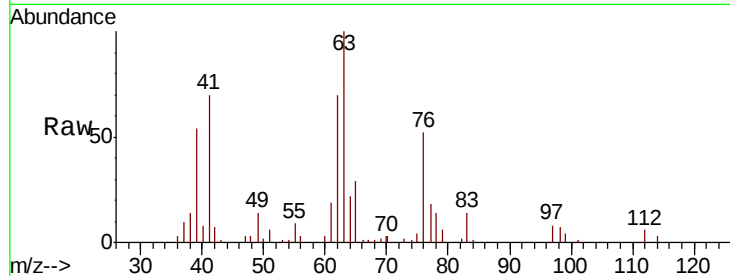
#45
 1,2-Dichloropropane
 Concen: 22.316 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

Tot Ion: 63 Resp: 15802
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.8 35.8

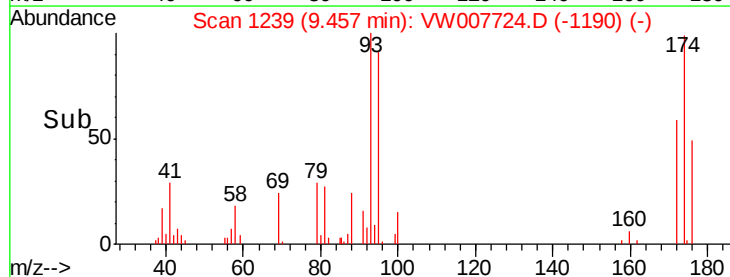
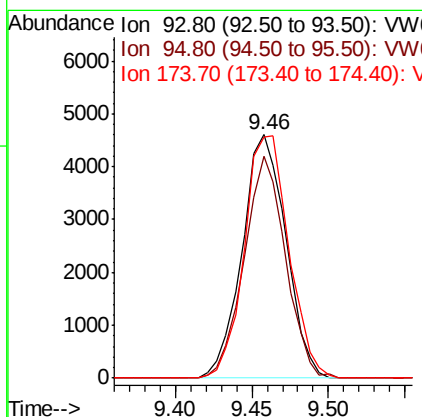
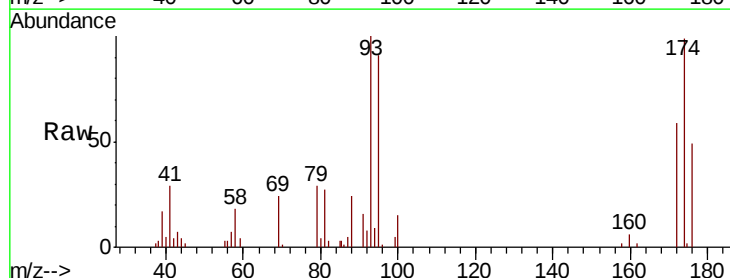
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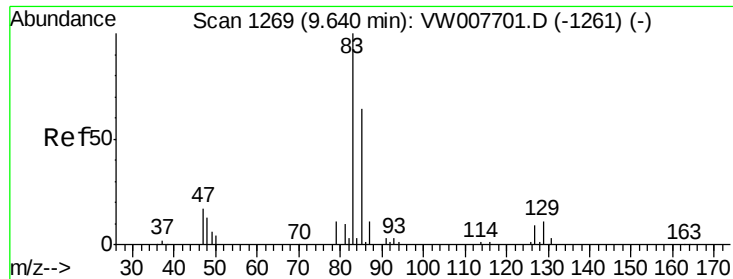
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#46
 Dibromomethane
 Concen: 21.037 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 93 Resp: 9170
 Ion Ratio Lower Upper
 93 100
 95 85.9 67.5 101.3
 174 101.1 83.9 125.9





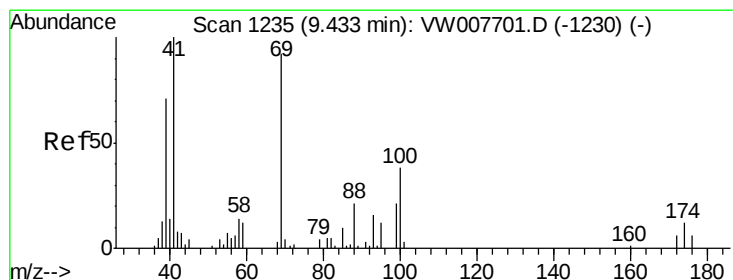
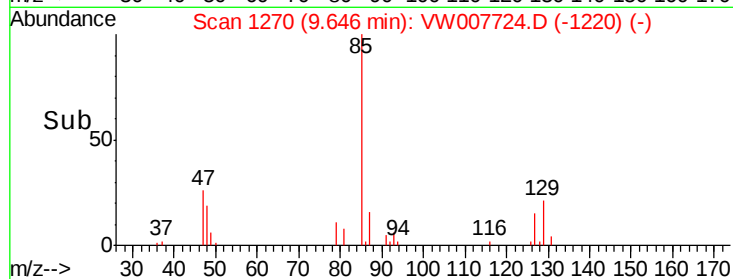
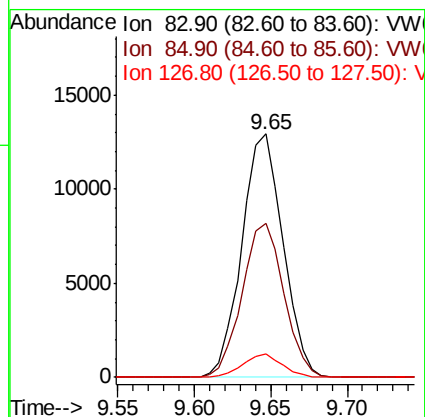
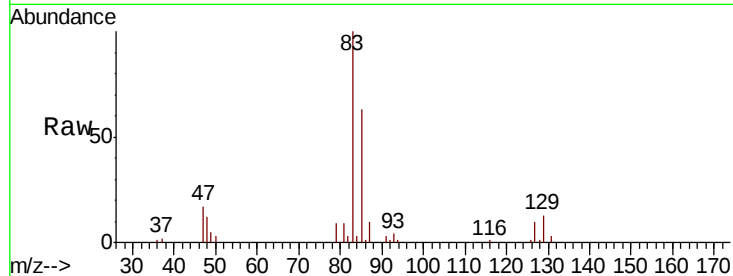
#47
Bromodichloromethane
Concen: 21.155 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	24242		
85	63.1		51.4	77.0
127	9.6		7.5	11.3

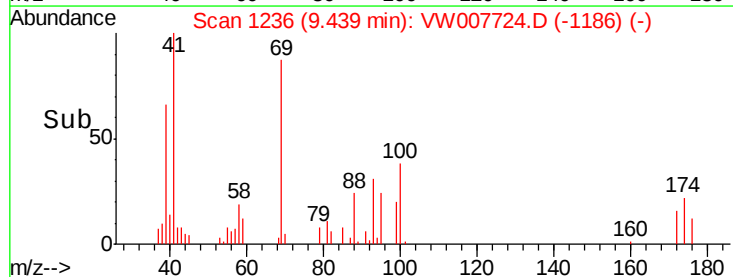
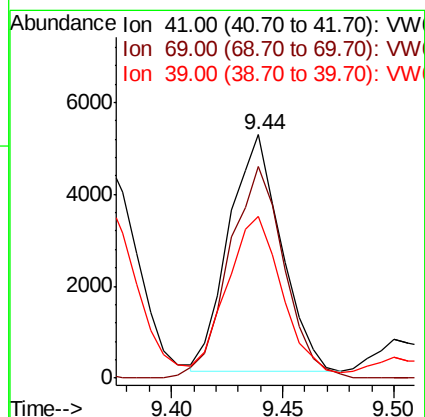
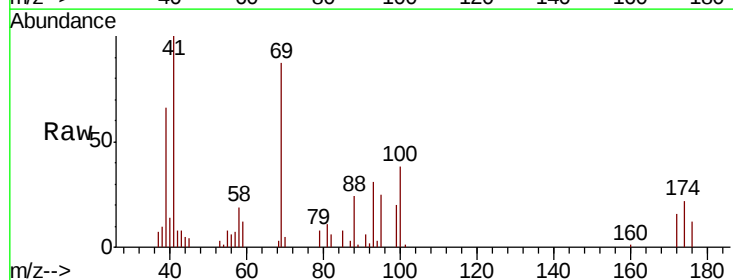
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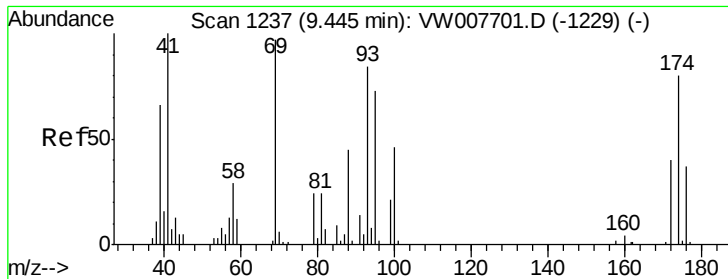
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#48
Methyl methacrylate
Concen: 20.456 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	8443		
69	93.8		74.2	111.2
39	67.7		53.9	80.9





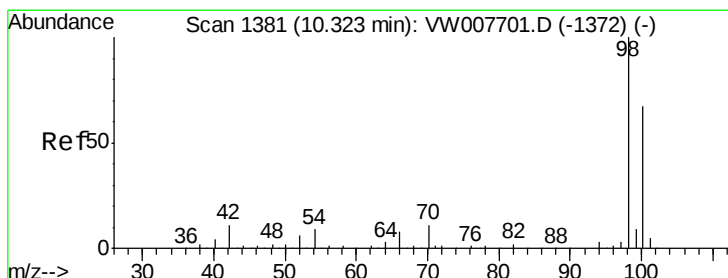
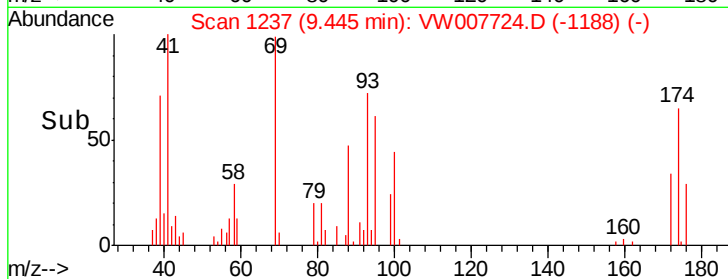
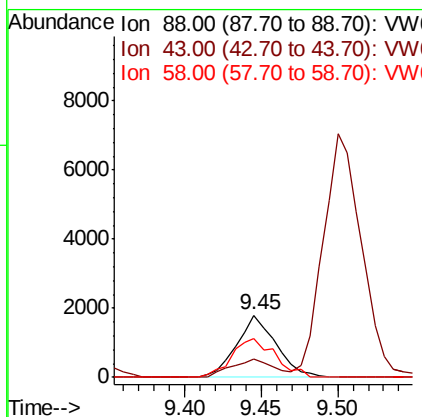
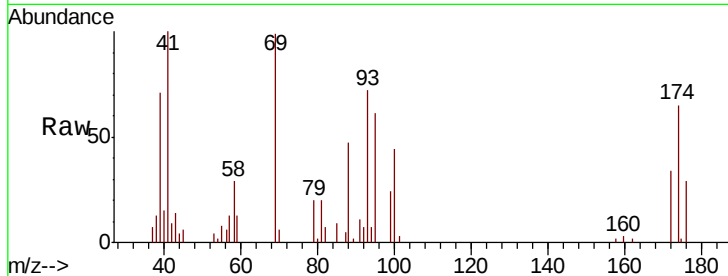
#49
 1,4-Dioxane
 Concen: 462.604 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	25.6	38.4
58	69.0	52.3	78.5

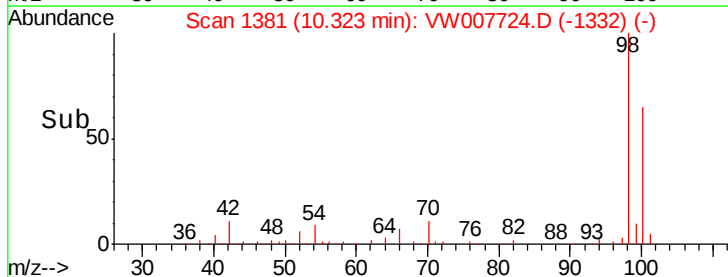
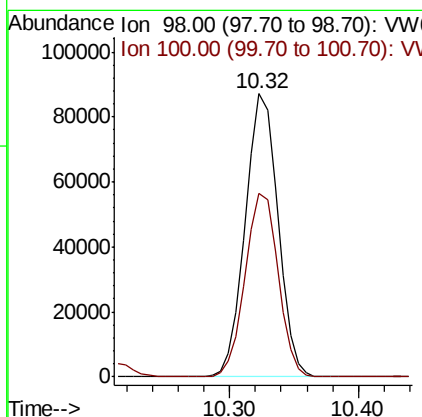
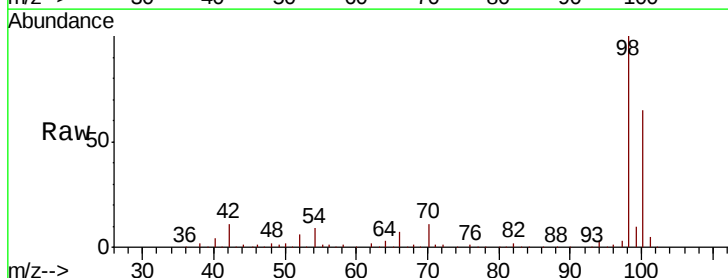
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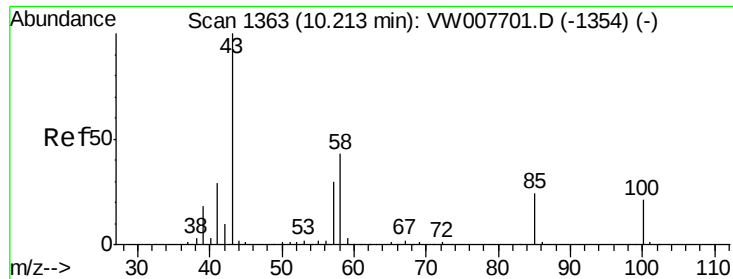
apatel
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#50
 Toluene-d8
 Concen: 53.616 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 106.585 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

Tot Ion: 43 Resp: 41651

Ion Ratio Lower Upper

43 100

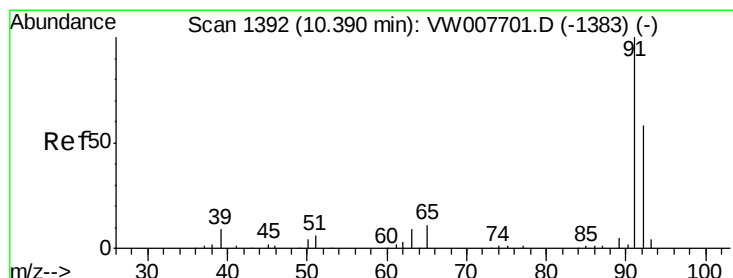
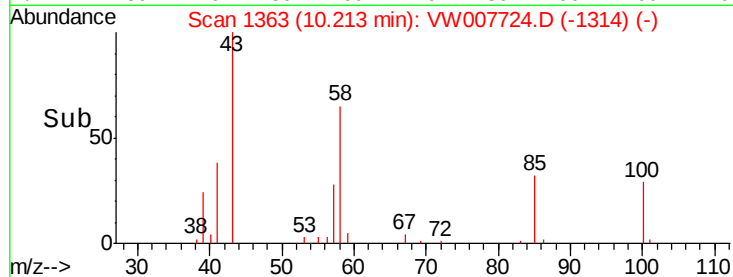
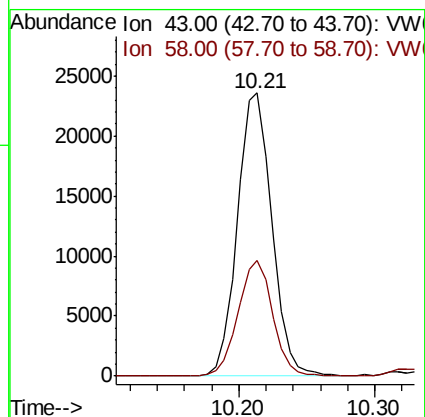
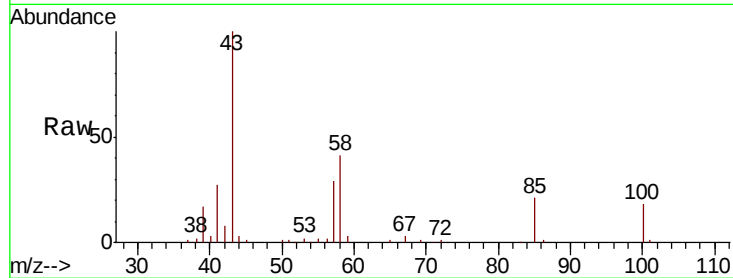
58 40.9 33.2 49.8

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#52

Toluene

Concen: 21.610 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007724.D

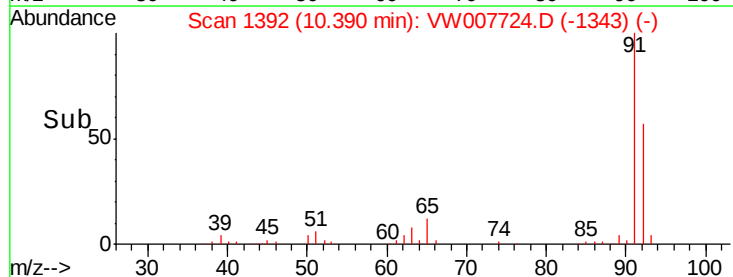
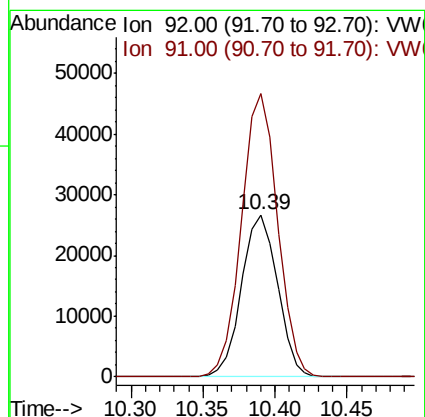
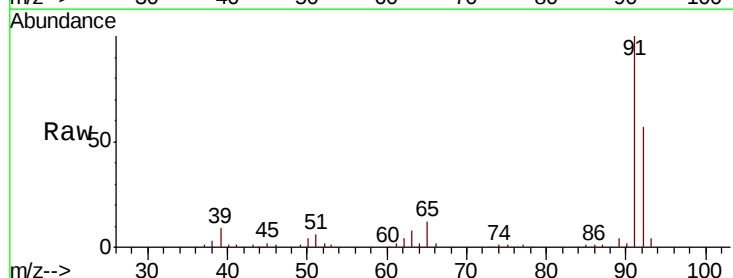
Acq: 20 Dec 2018 04:14

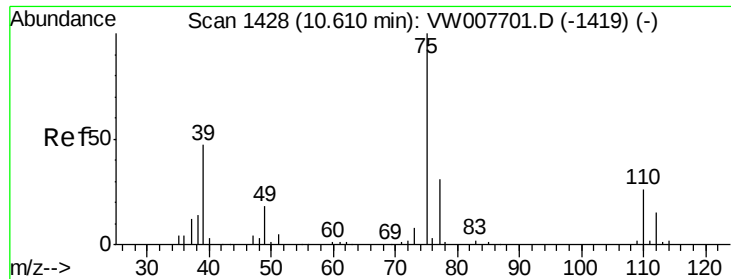
Tgt Ion: 92 Resp: 46269

Ion Ratio Lower Upper

92 100

91 175.3 137.0 205.4





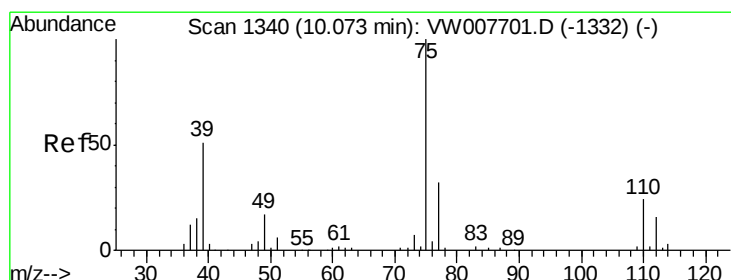
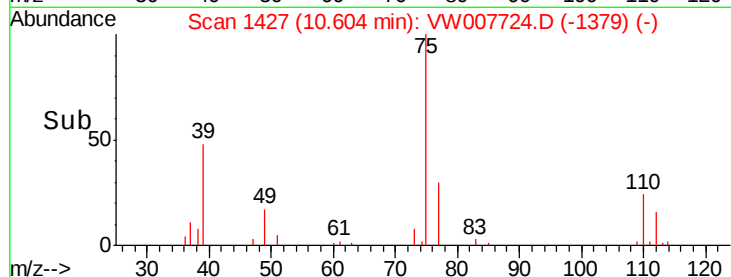
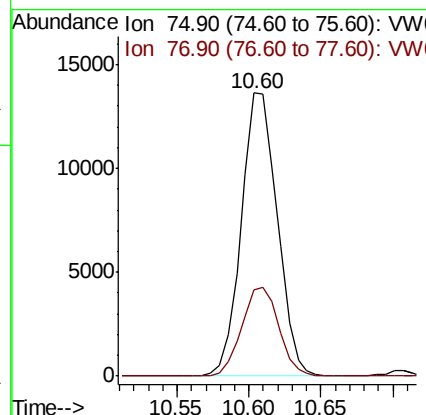
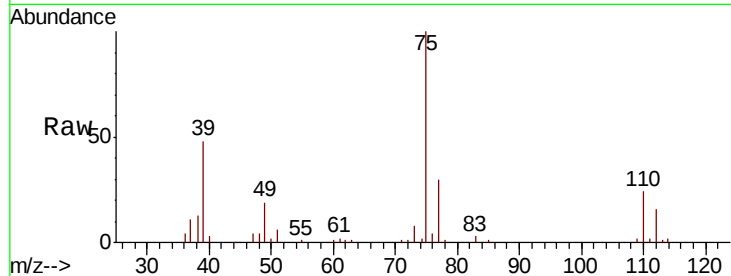
#53
 t-1,3-Dichloropropene
 Concen: 20.720 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.2	37.8

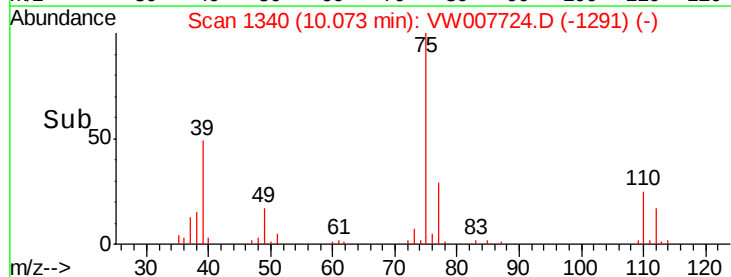
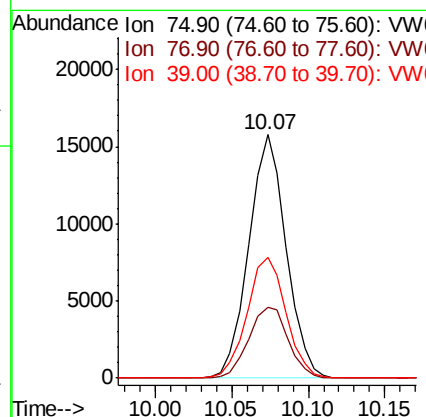
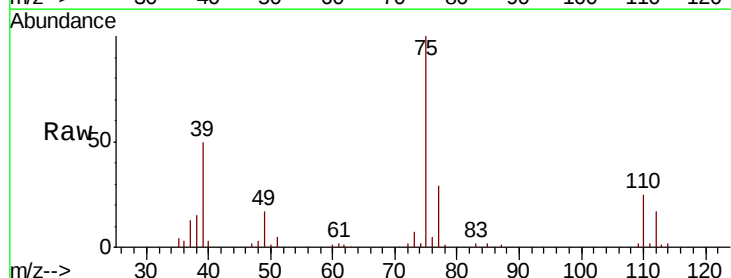
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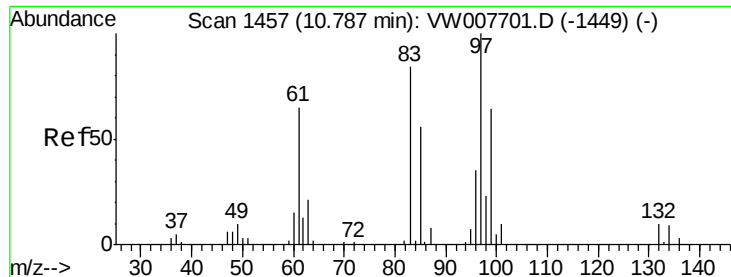
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#54
 cis-1,3-Dichloropropene
 Concen: 21.238 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.8	25.5	38.3
39	49.5	41.2	61.8





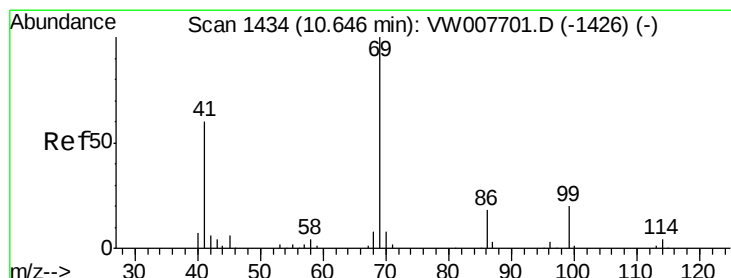
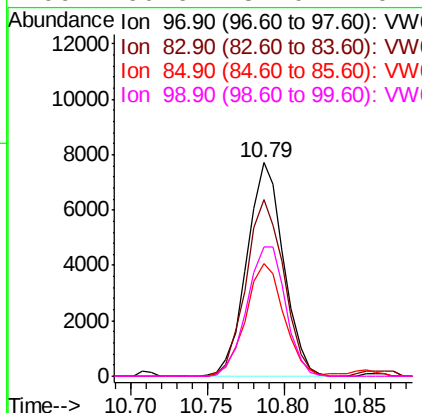
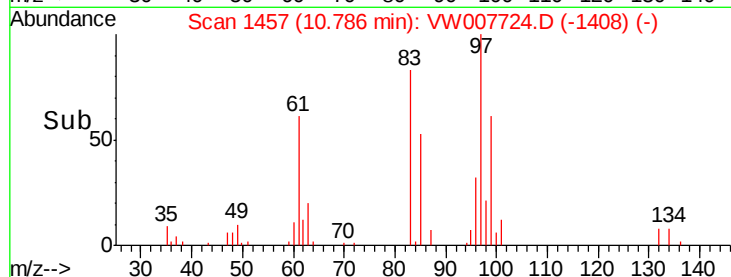
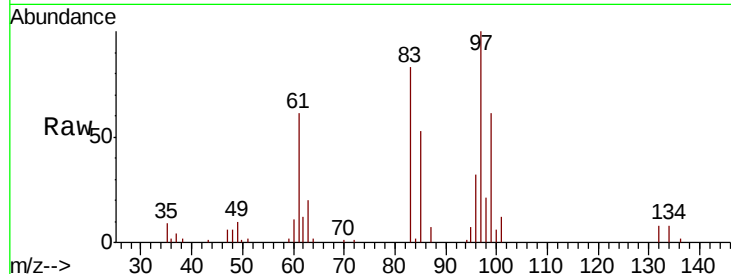
#55
 1,1,2-Trichloroethane
 Concen: 21.462 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

Tot Ion:	97	Resp:	12897
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.5	101.3
85	53.0	44.8	67.2
99	60.6	51.0	76.4

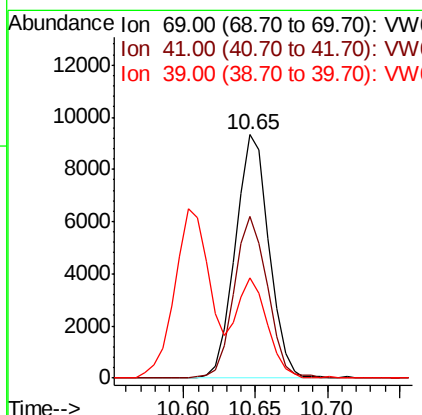
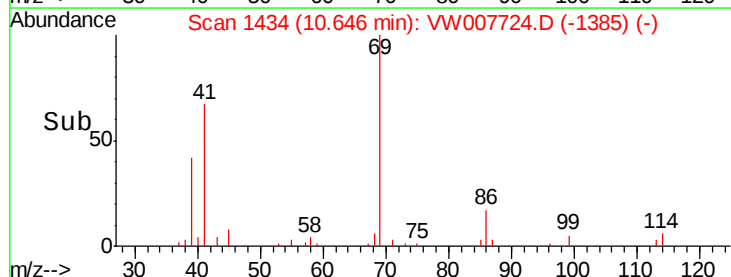
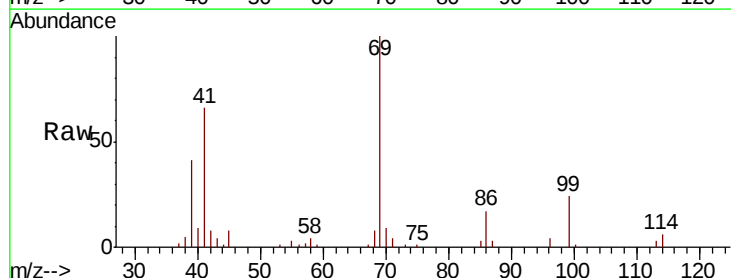
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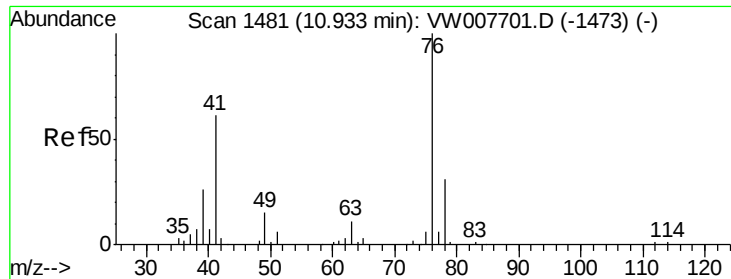
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#56
 Ethyl methacrylate
 Concen: 21.374 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:	69	Resp:	15175
Ion	Ratio	Lower	Upper
69	100		
41	66.2	48.9	73.3
39	38.1	31.3	46.9





#57

1,3-Dichloropropane

Concen: 22.088 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion: 76 Resp: 22040

Ion Ratio Lower Upper

76 100

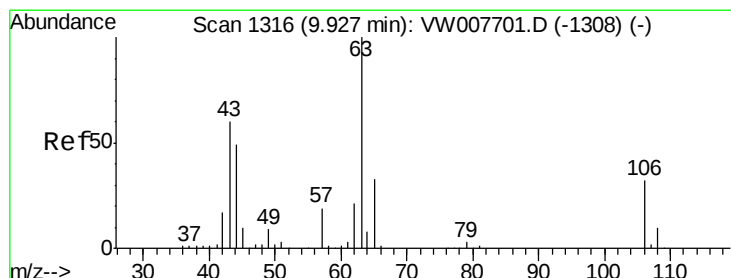
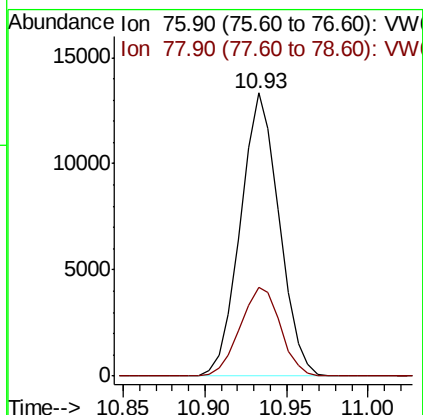
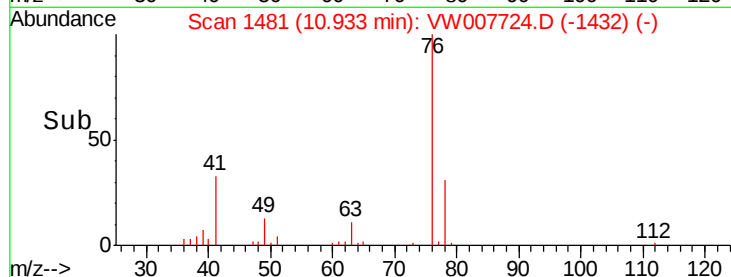
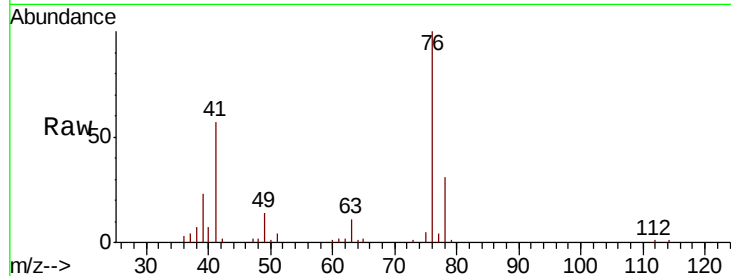
78 32.5 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 106.336 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007724.D

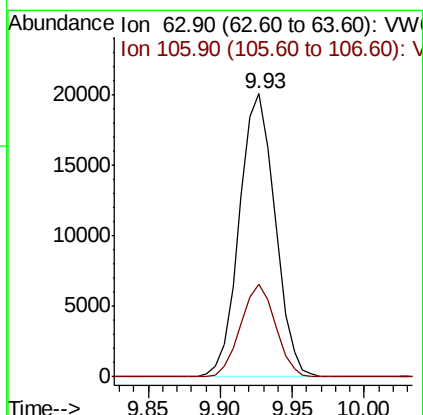
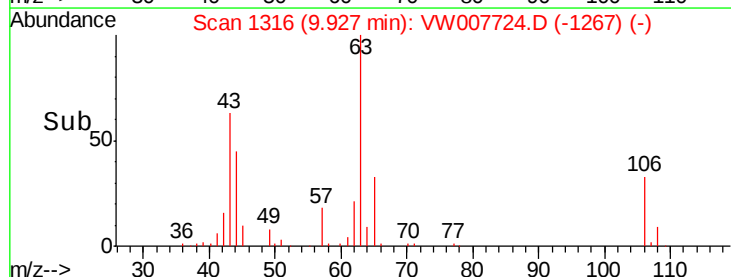
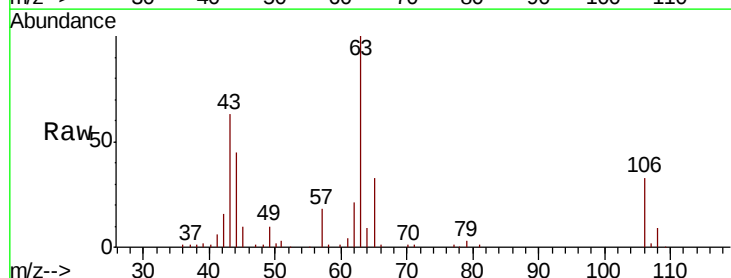
Acq: 20 Dec 2018 04:14

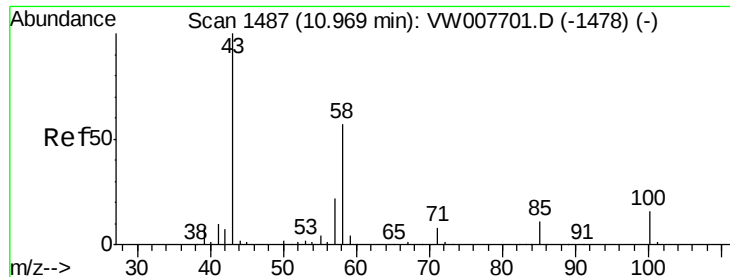
Tgt Ion: 63 Resp: 34470

Ion Ratio Lower Upper

63 100

106 32.1 25.9 38.9





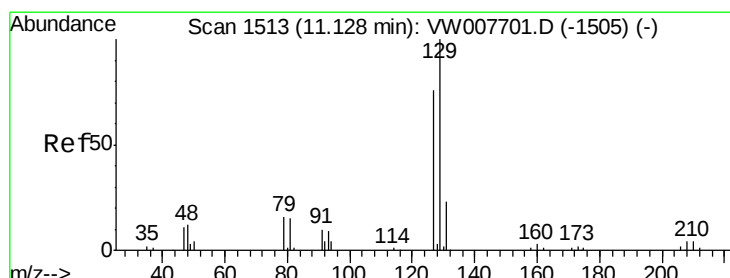
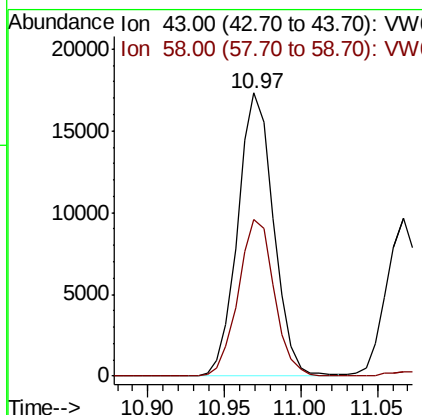
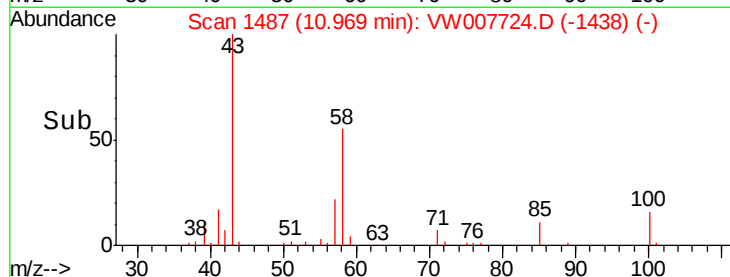
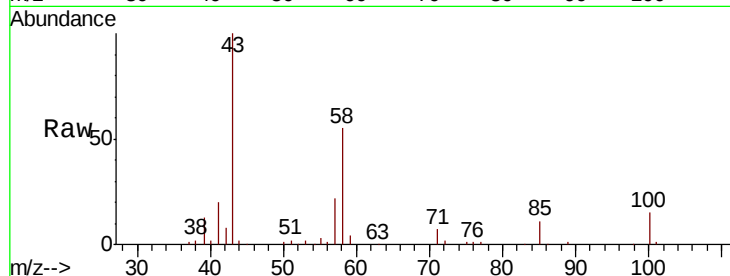
#59
2-Hexanone
Concen: 102.473 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion: 43 Resp: 28162
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

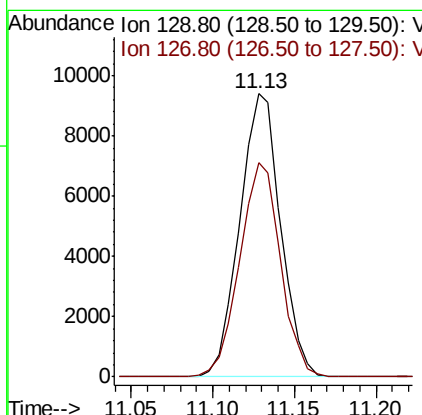
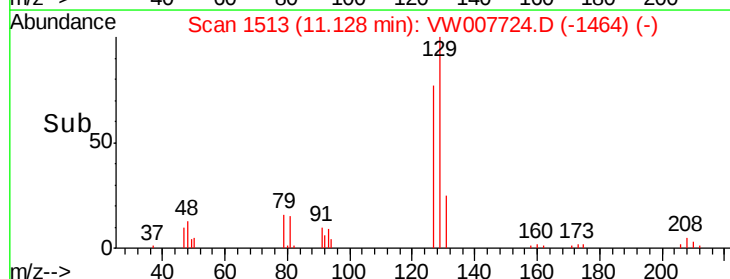
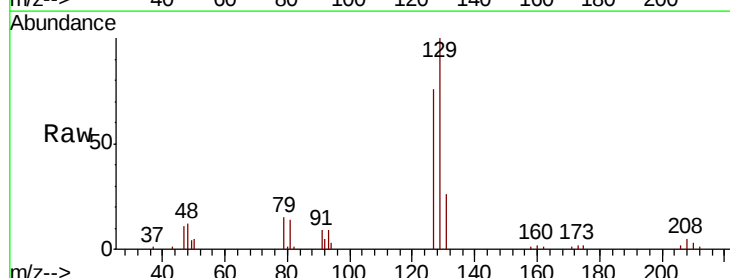
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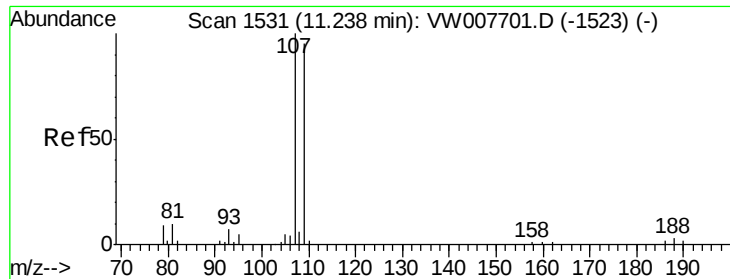
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#60
Dibromochloromethane
Concen: 20.571 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:129 Resp: 16367
Ion Ratio Lower Upper
129 100
127 75.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 21.299 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion:107 Resp: 12961

Ion Ratio Lower Upper

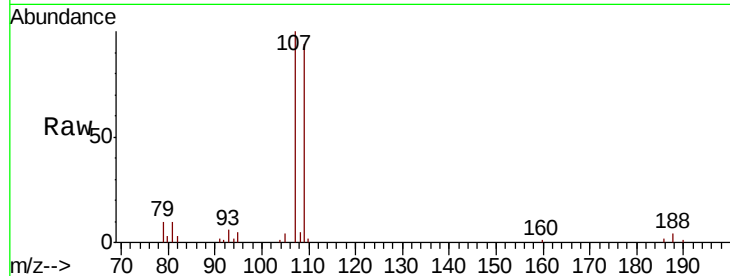
107 100

109 92.3 75.4 113.0

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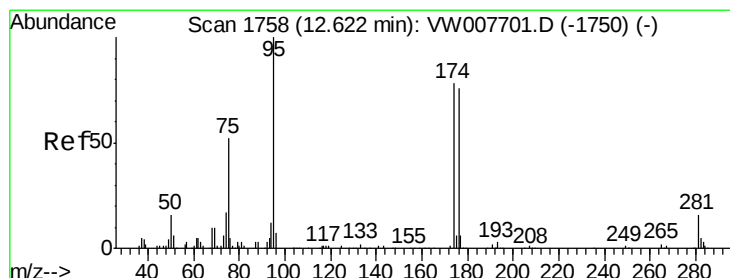
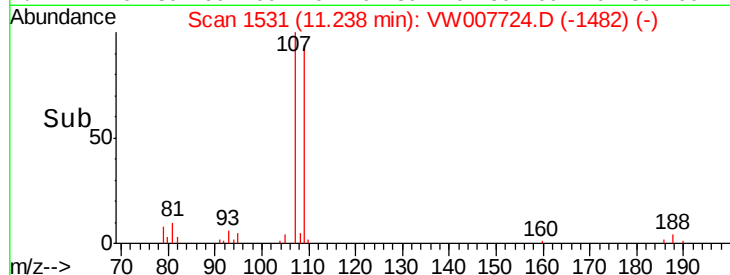
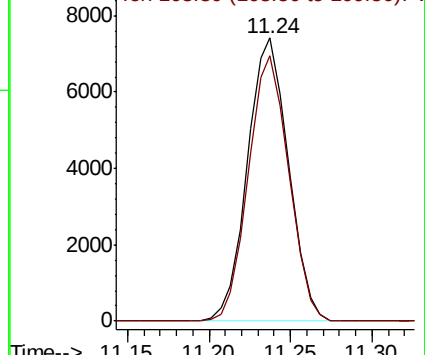
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.942 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

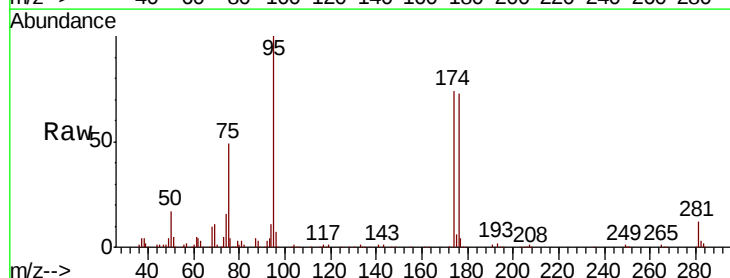
Tgt Ion: 95 Resp: 58281

Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.2

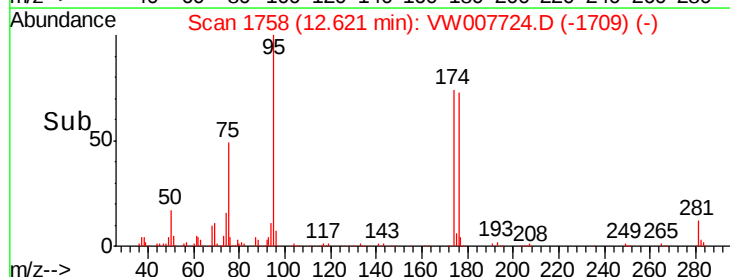
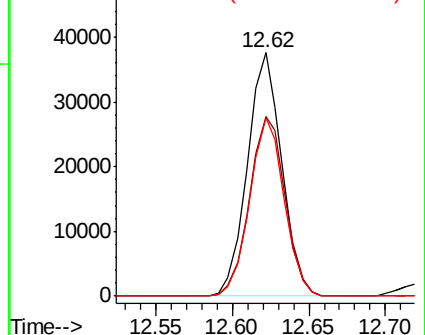
176 73.7 0.0 146.8

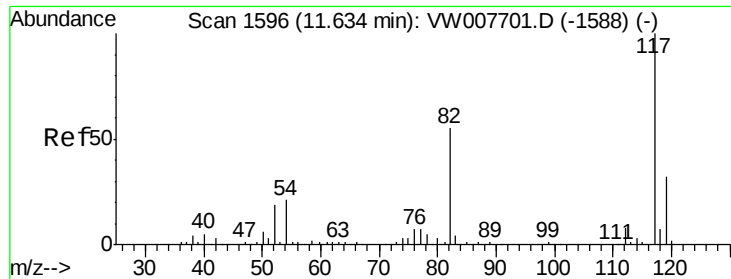


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

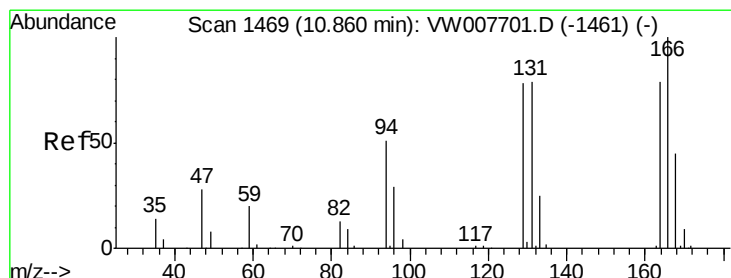
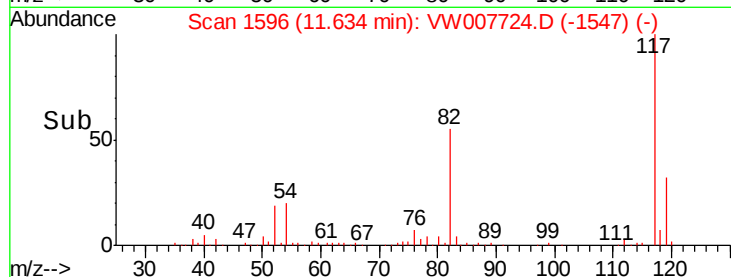
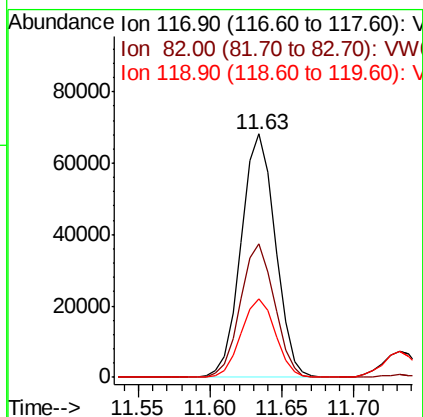
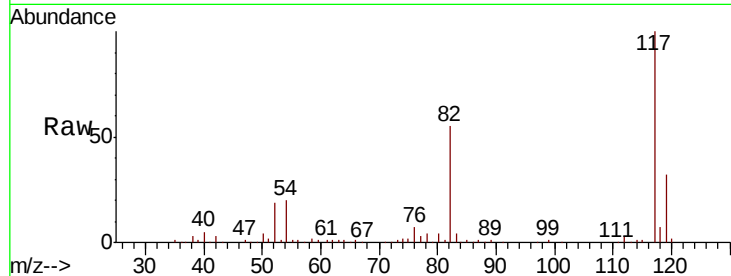
ClientSampleId :

VW1221SBS02

Tot Ion:	117	Resp:	112332
Ion Ratio	Lower	Upper	
117	100		
82	54.6	44.3	66.5
119	32.0	25.7	38.5

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#64

Tetrachloroethene

Concen: 22.406 ug/l

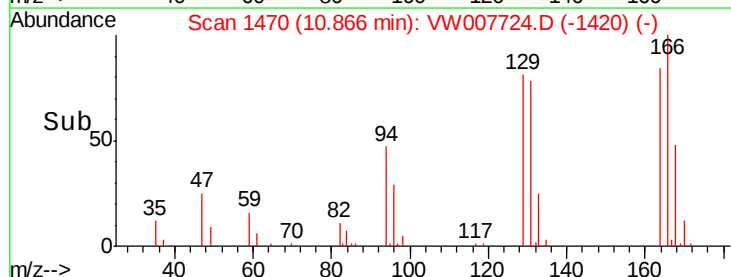
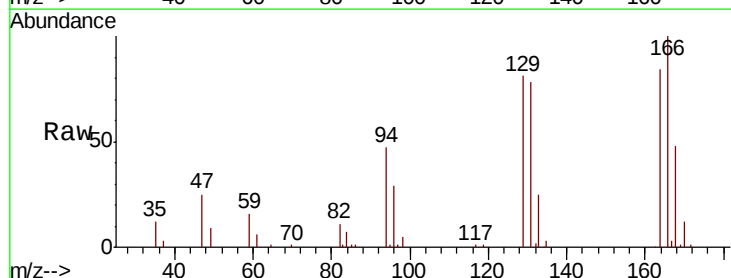
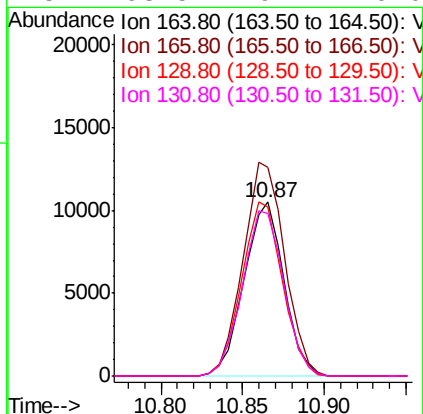
RT: 10.87 min Scan# 1470

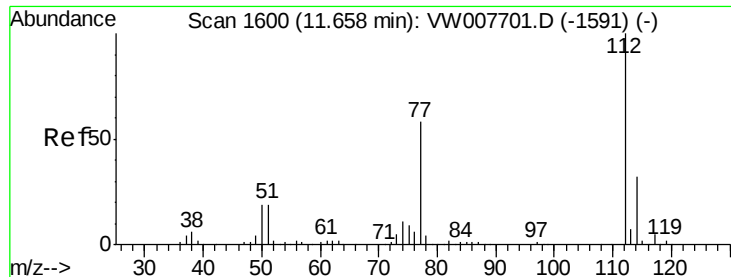
Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion:	164	Resp:	17823
Ion Ratio	Lower	Upper	
164	100		
166	119.8	101.0	151.6
129	97.4	78.7	118.1
131	93.5	79.4	119.0





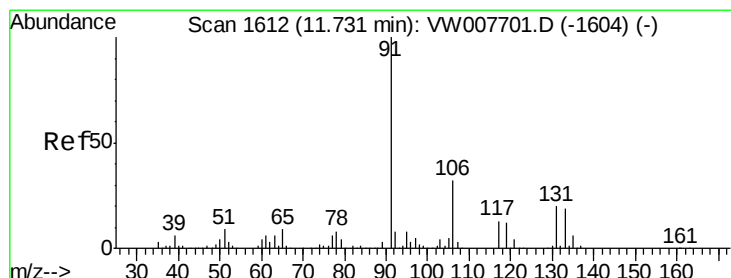
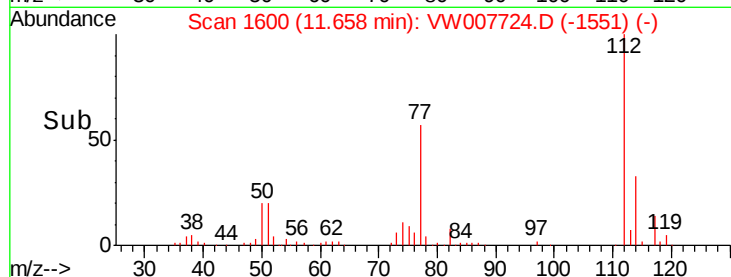
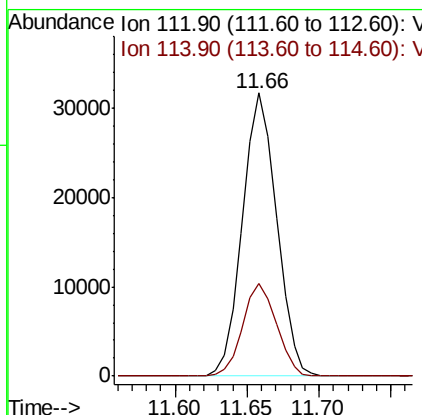
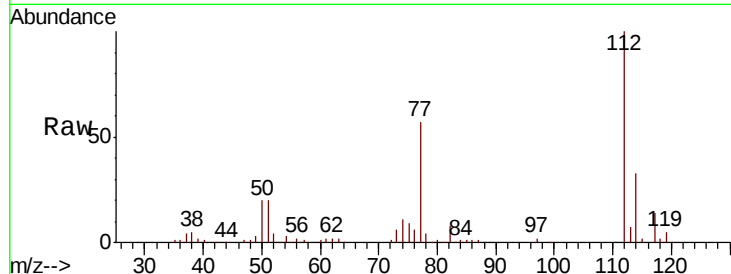
#65
Chlorobenzene
Concen: 21.449 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion:112 Resp: 52150
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8

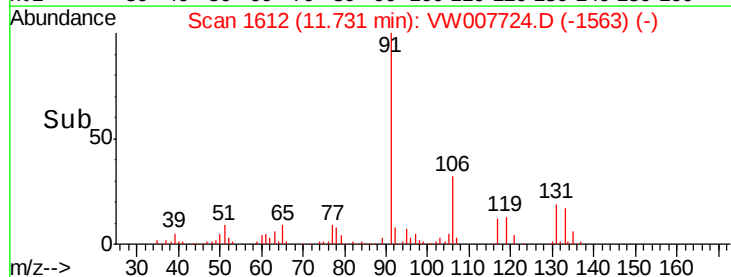
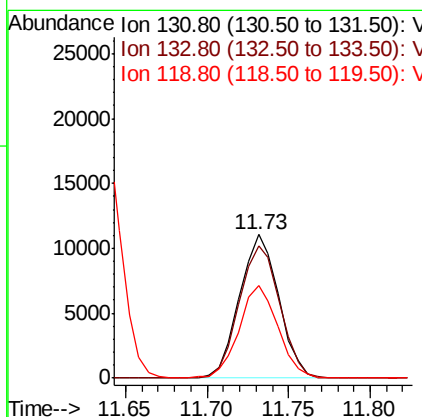
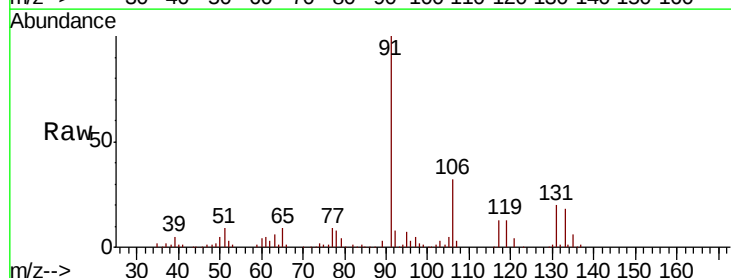
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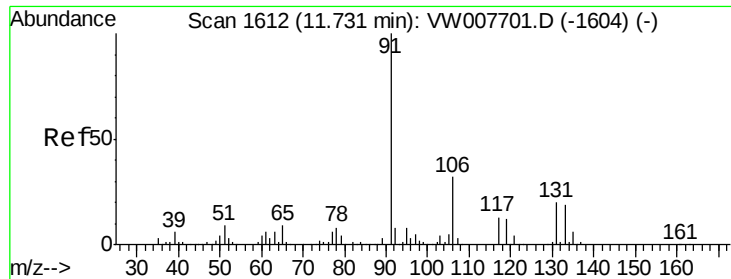
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:131 Resp: 18530
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 63.8 30.2 90.6





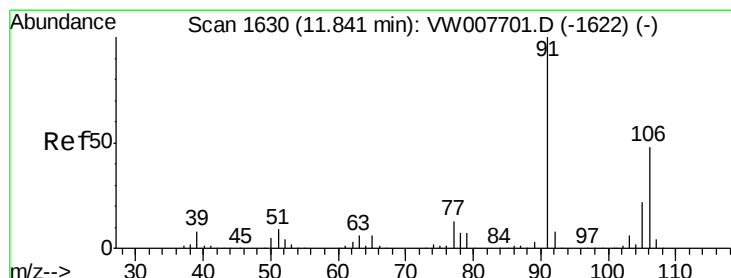
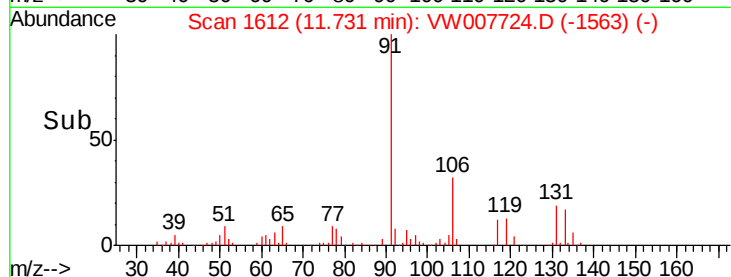
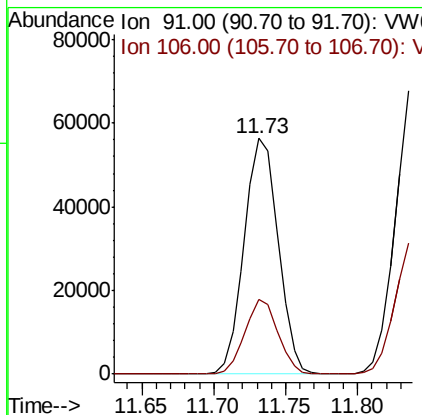
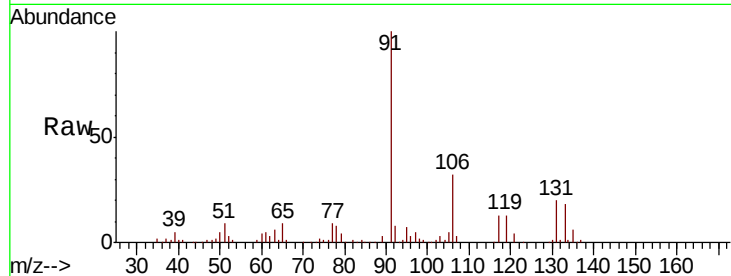
#67
Ethyl Benzene
Concen: 22.128 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion: 91 Resp: 92323
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8

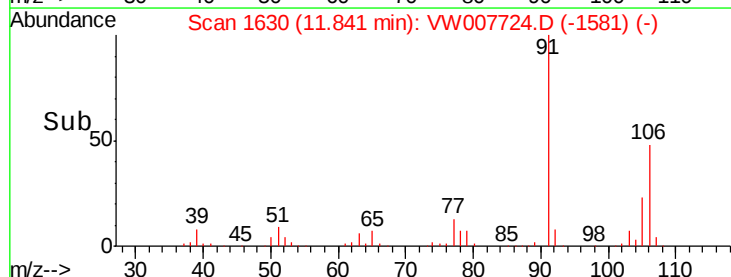
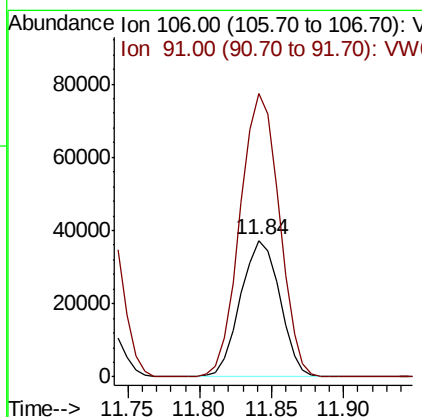
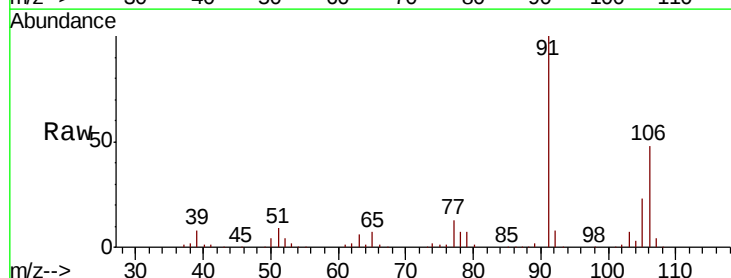
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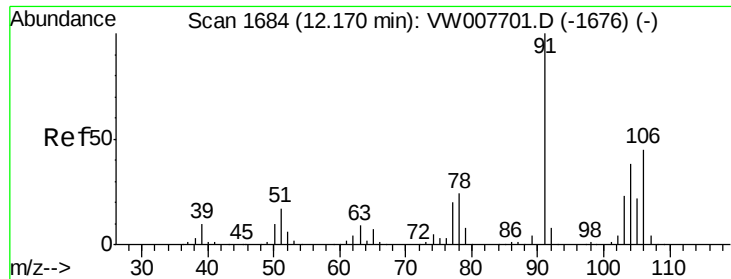
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#68
m/p-Xylenes
Concen: 43.670 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:106 Resp: 70677
Ion Ratio Lower Upper
106 100
91 207.2 165.2 247.8





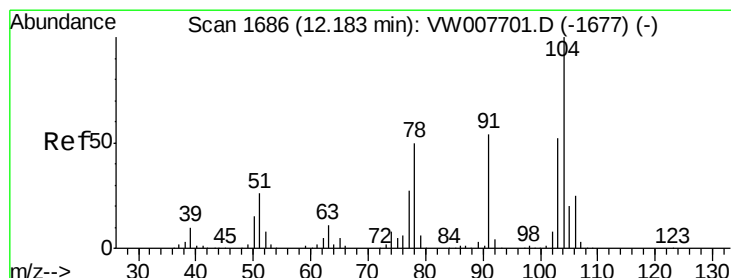
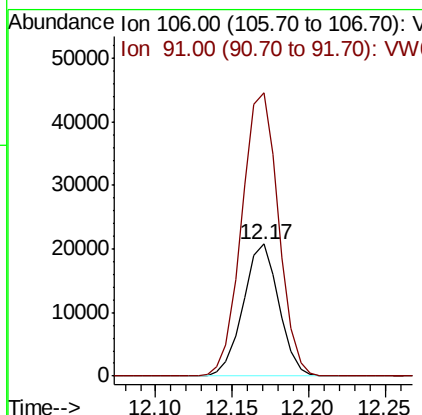
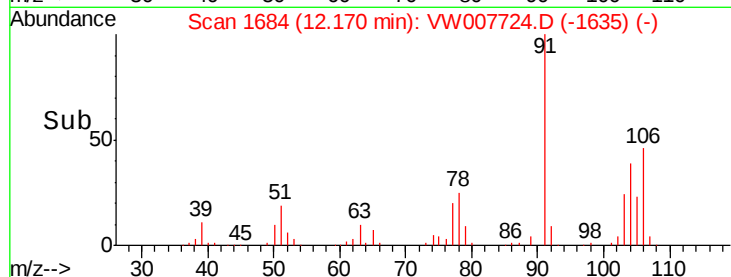
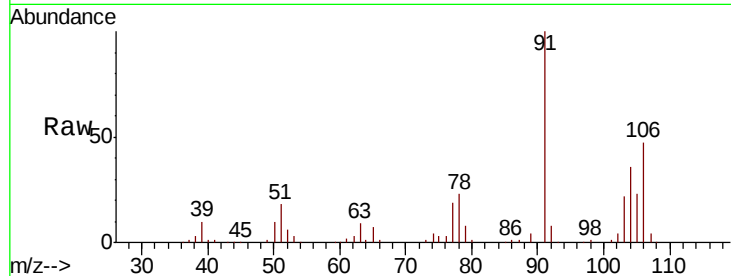
#69
o-Xylene
Concen: 22.238 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleID :
VW1221SBS02

Tot Ion:106 Resp: 33737
Ion Ratio Lower Upper
106 100
91 220.2 110.5 331.4

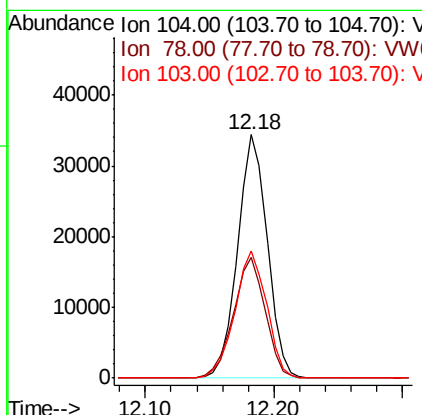
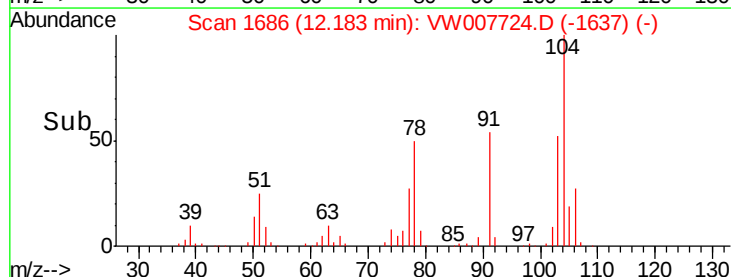
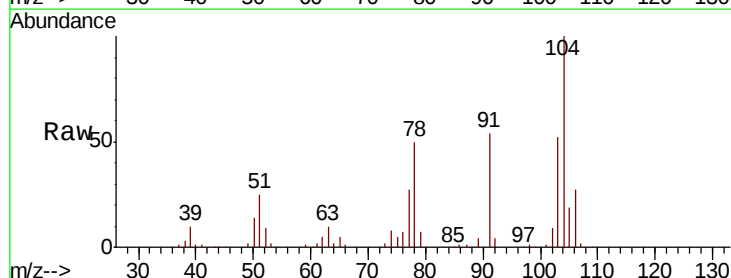
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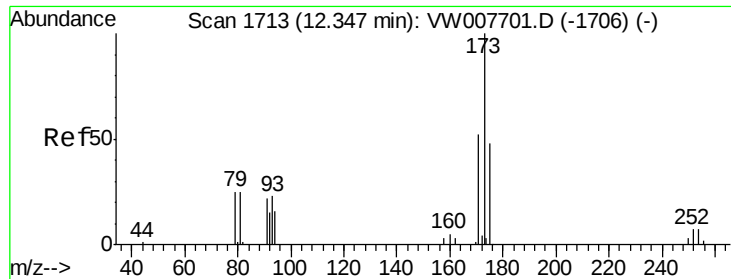
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#70
Styrene
Concen: 22.040 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:104 Resp: 54962
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.0
103 56.0 44.5 66.7





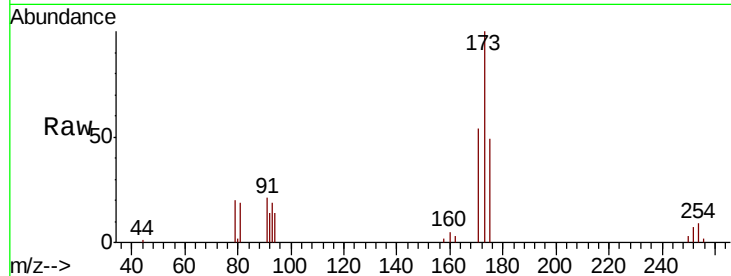
#71
Bromoform
Concen: 20.648 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

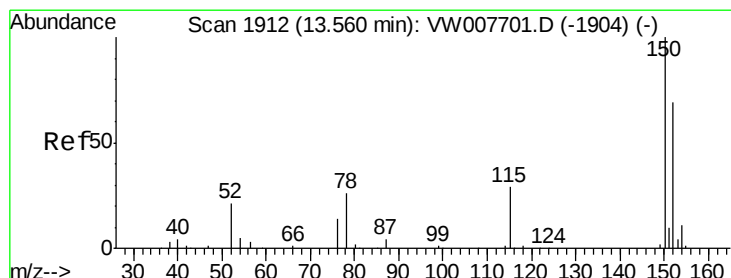
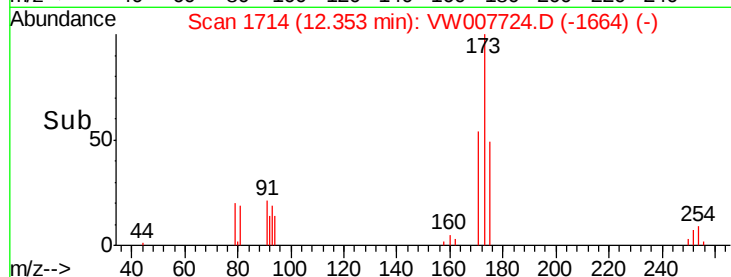
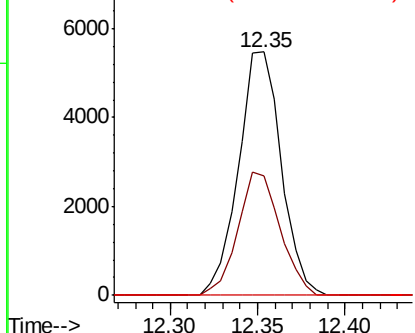
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.9	71.7
254	0.0	0.0	0.0

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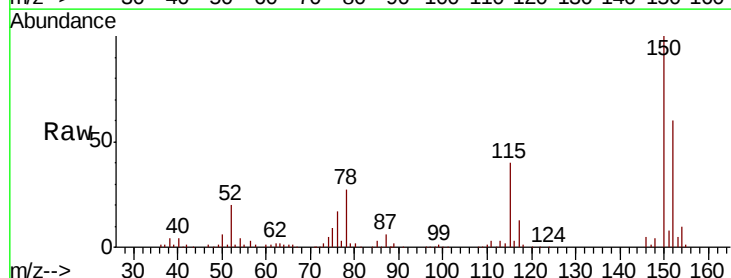


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

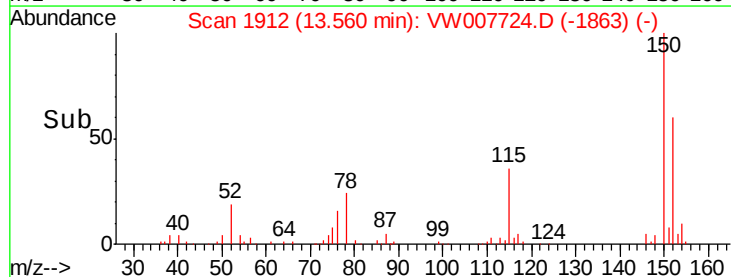
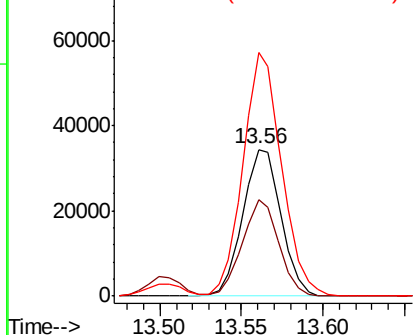


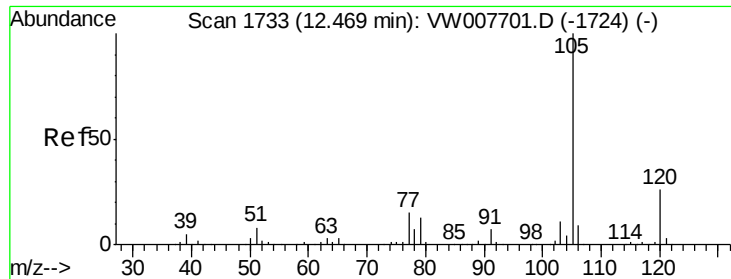
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.8	95.4
150	167.1	0.0	350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.275 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

Tot Ion:105 Resp: 94624

Ion Ratio Lower Upper

105 100

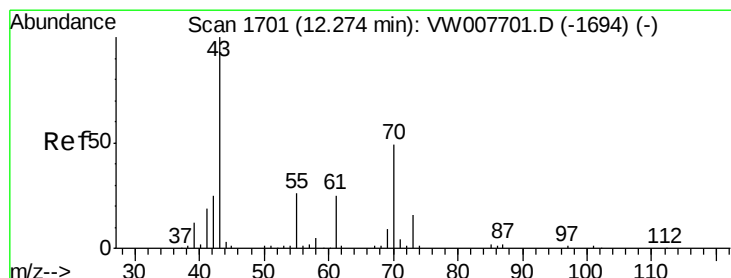
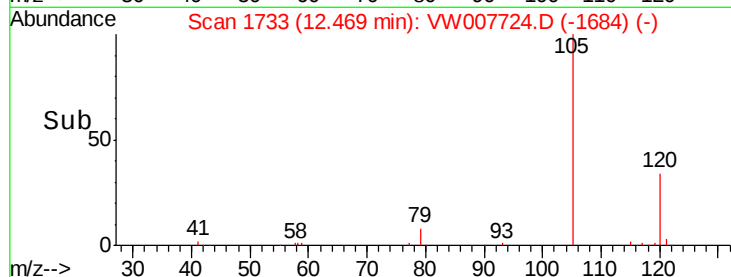
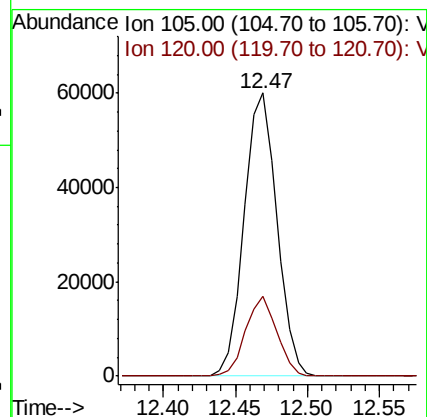
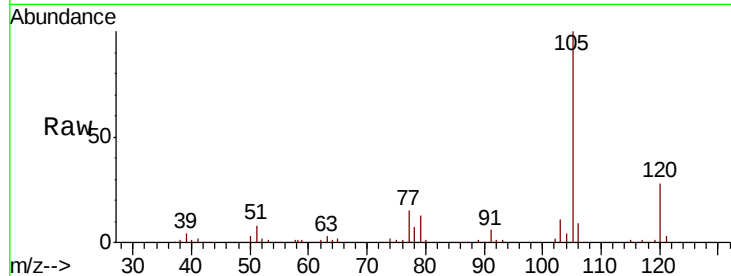
120 26.7 13.1 39.3

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#74

N-ethyl acetate

Concen: 22.655 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion: 43 Resp: 16670

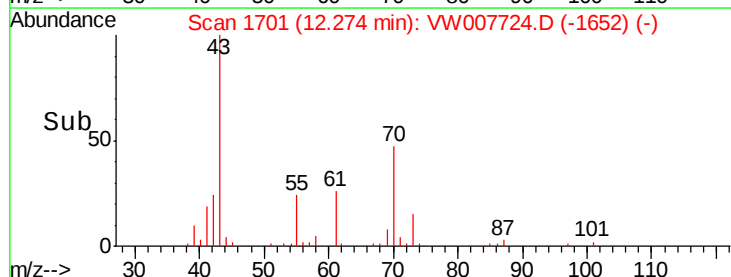
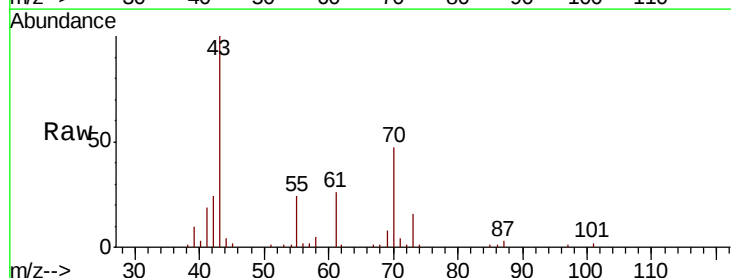
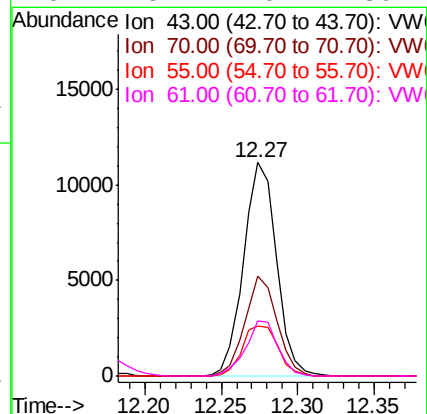
Ion Ratio Lower Upper

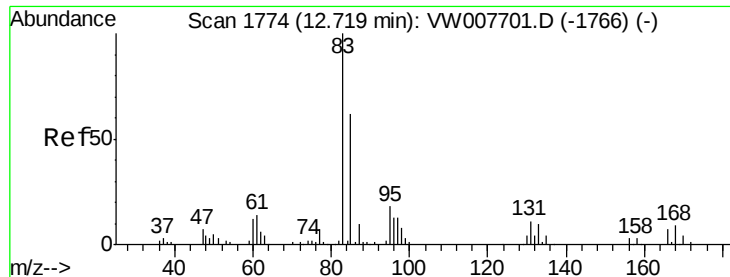
43 100

70 45.7 37.6 56.4

55 25.7 21.7 32.5

61 25.4 20.1 30.1





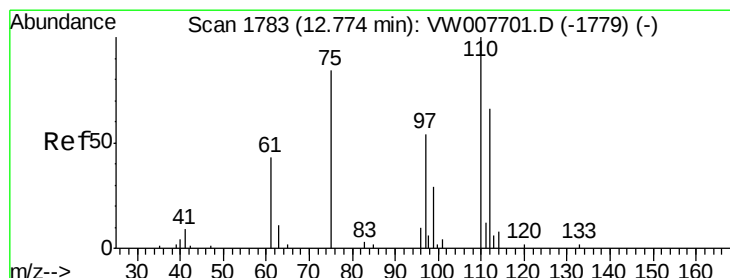
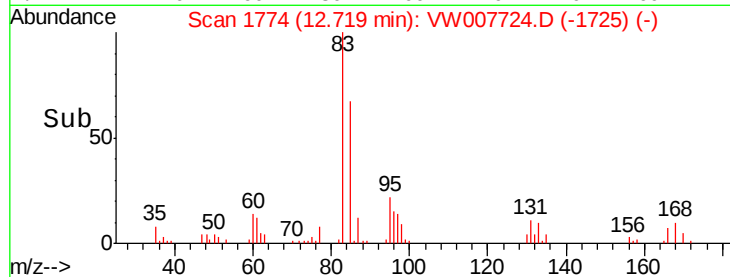
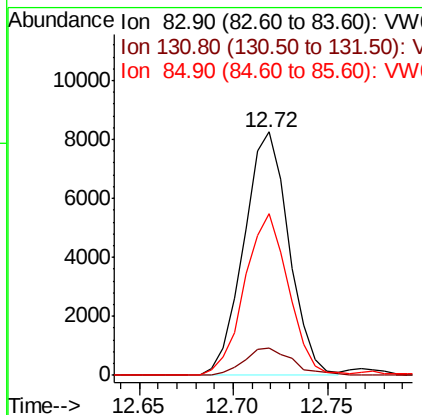
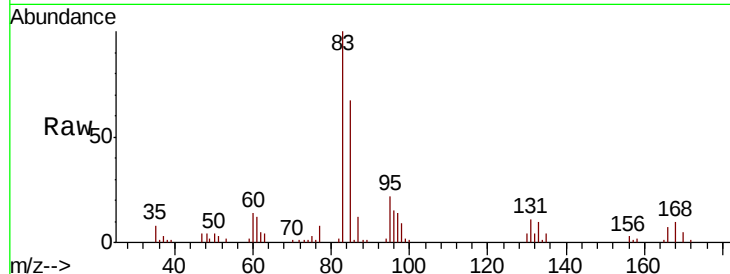
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.458 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

Tot Ion	83	Resp	13667
Ion Ratio	100	Lower	Upper
83	100		
131	12.2	6.3	18.8
85	65.1	32.3	96.8

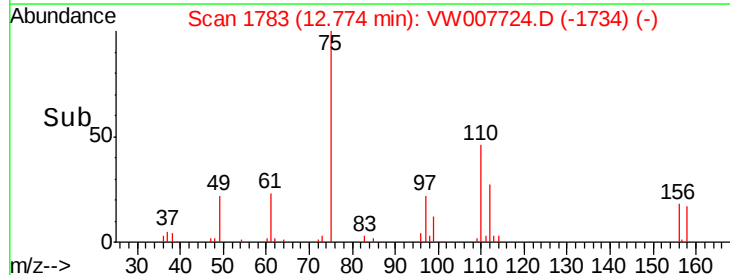
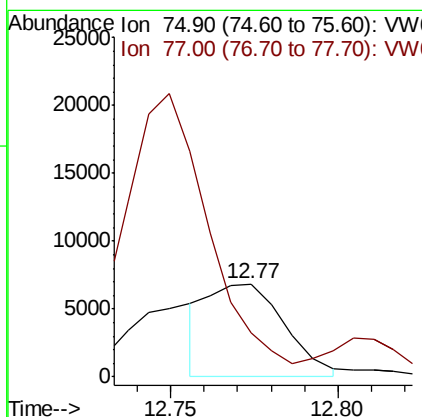
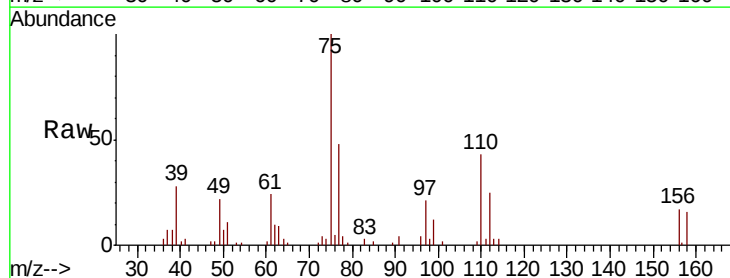
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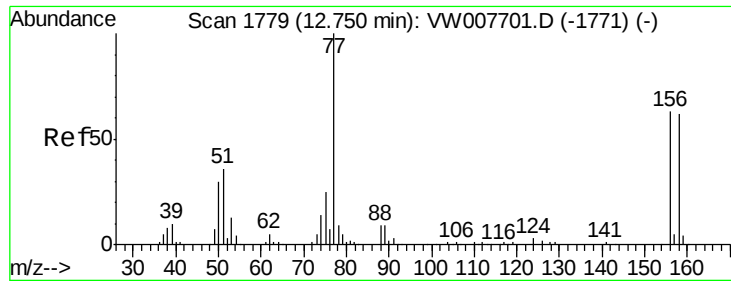
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 25.184 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	75	Resp	10939
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.899 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

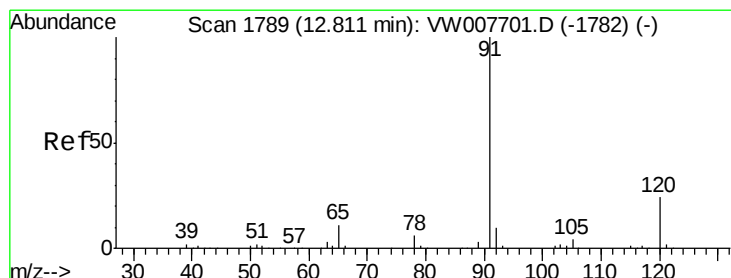
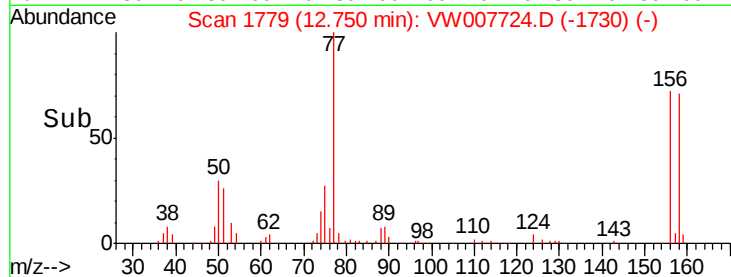
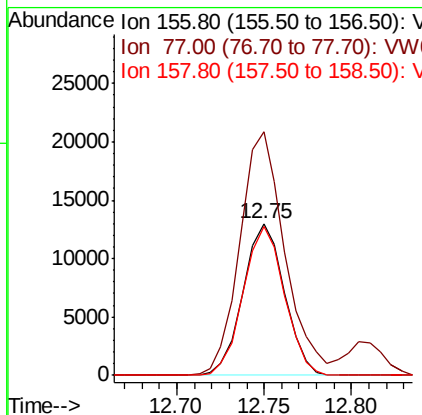
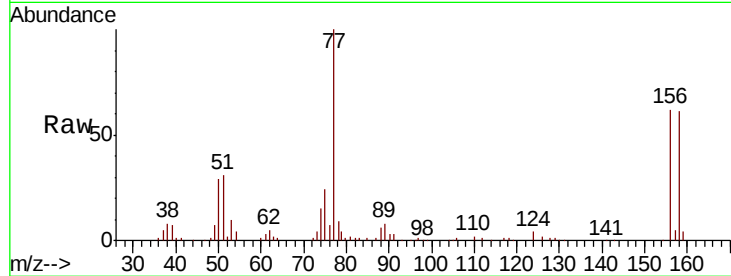
ClientSampleId :

VW1221SBSD02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	174.5	87.4	262.1	
158	97.8	48.4	145.0	

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#78

n-propylbenzene

Concen: 22.191 ug/l

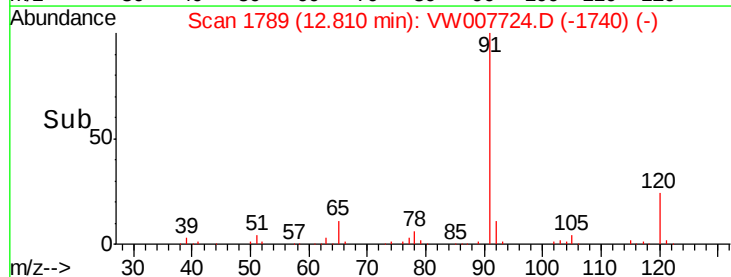
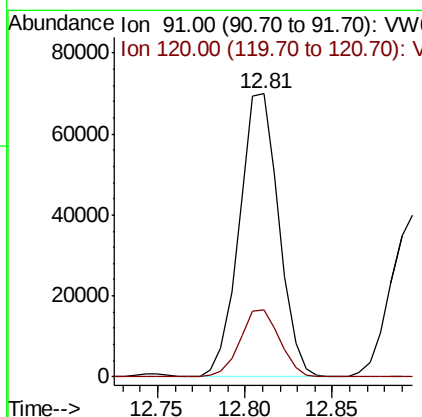
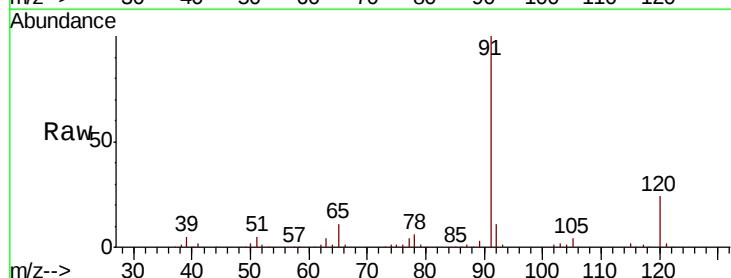
RT: 12.81 min Scan# 1789

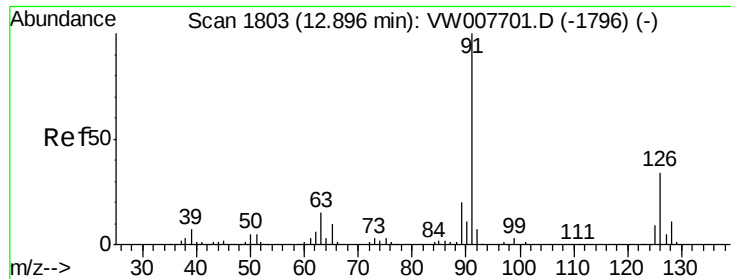
Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.8	11.9	35.7	





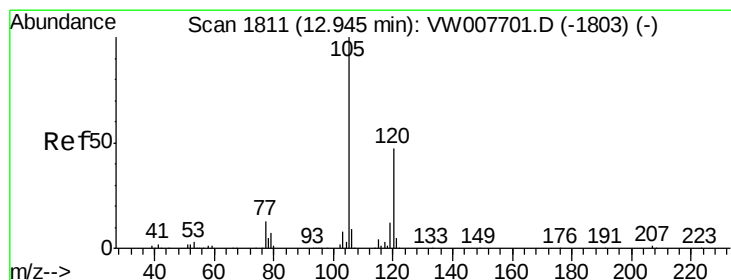
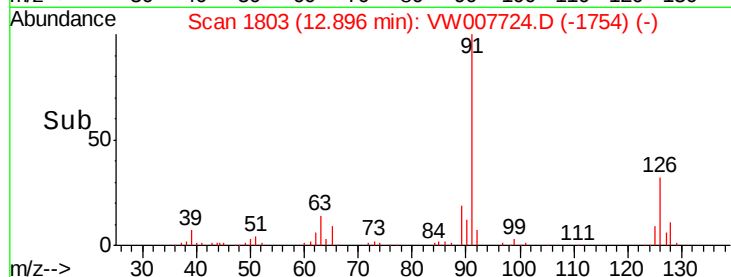
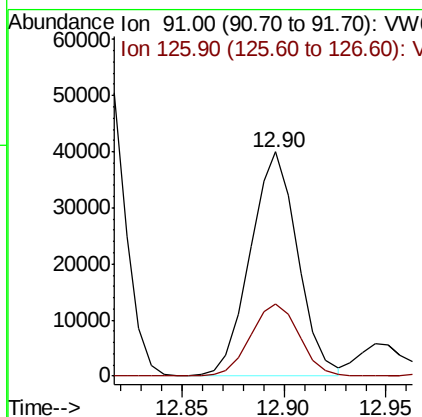
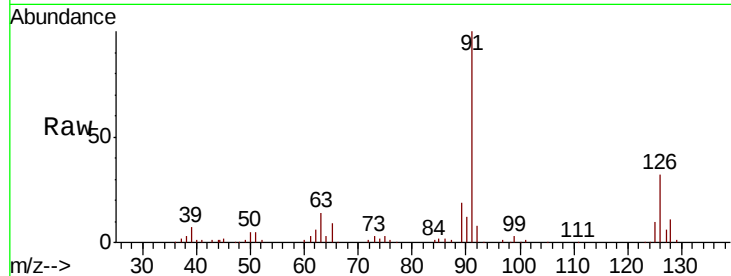
#79
 2-Chlorotoluene
 Concen: 22.386 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion: 91 Resp: 64485
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0

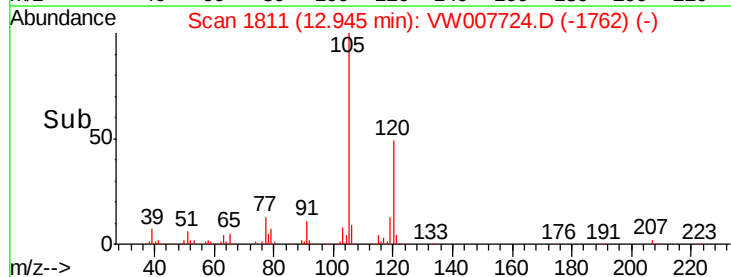
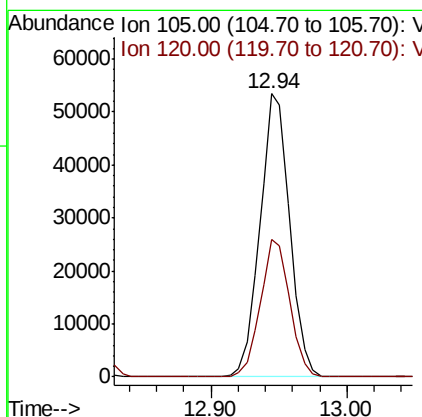
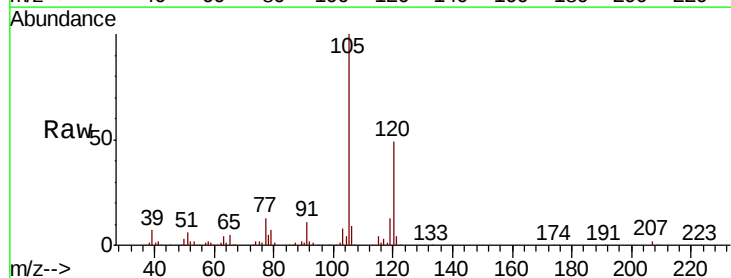
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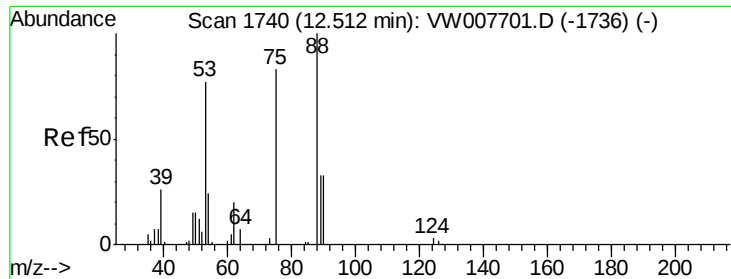
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.374 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 105 Resp: 81983
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.6 70.8





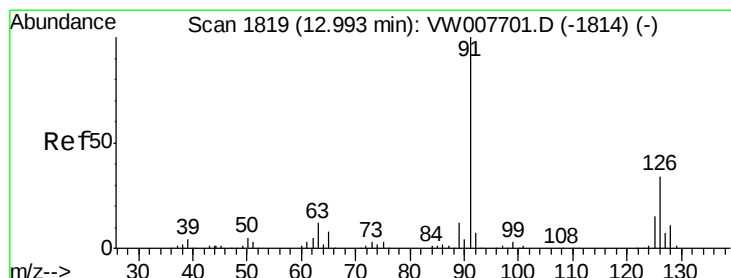
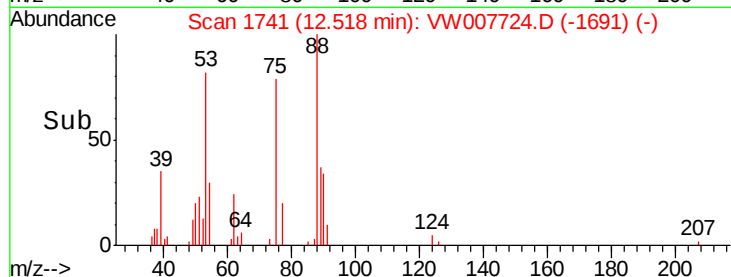
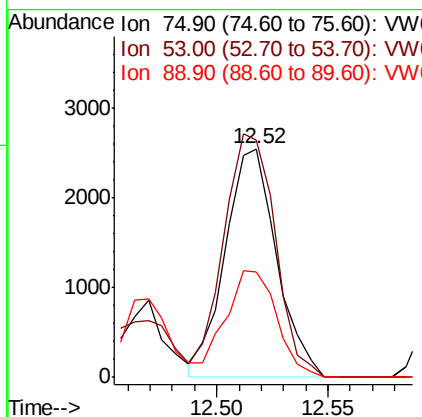
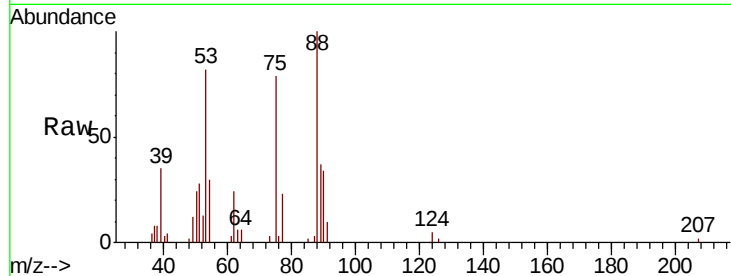
#81
trans-1,4-Dichloro-2-butene
Concen: 19.818 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.8	80.2	120.2
89	45.8	39.2	58.8

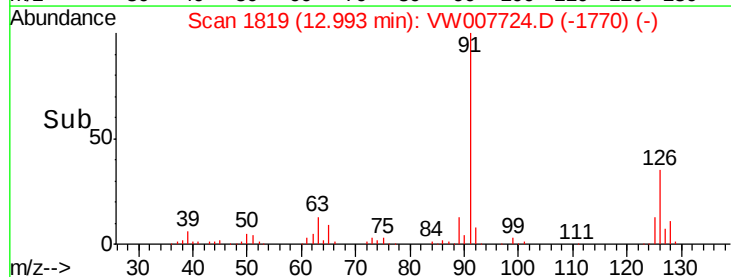
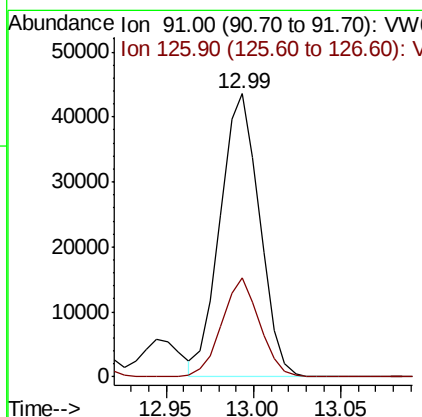
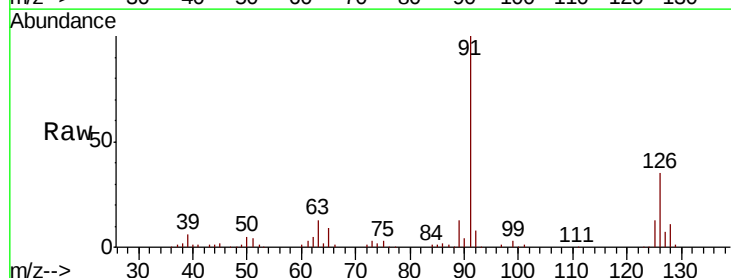
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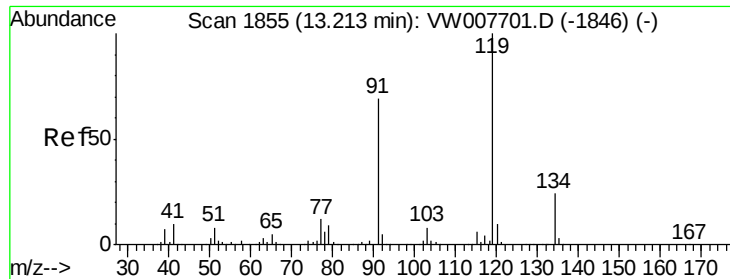
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#82
4-Chlorotoluene
Concen: 22.259 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.5	49.5





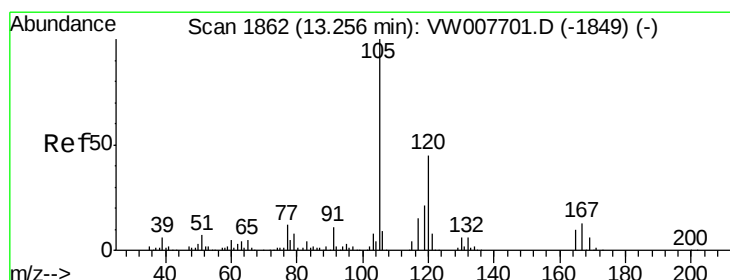
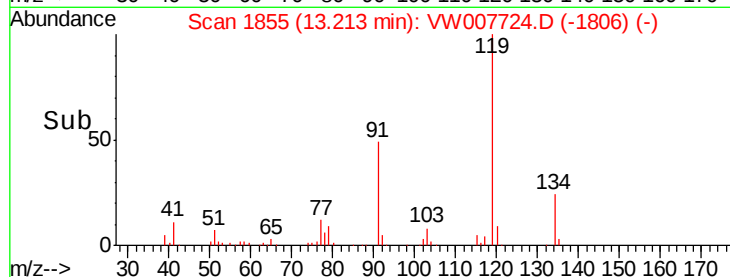
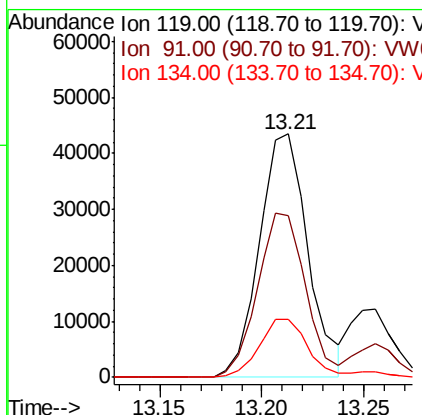
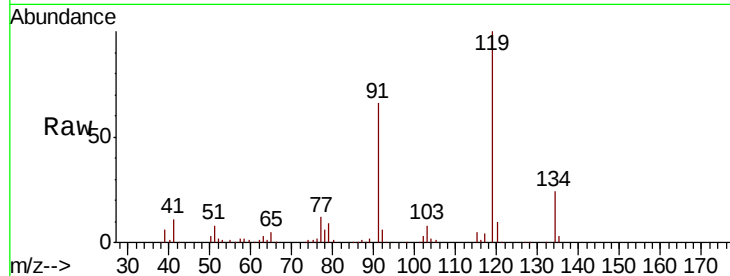
#83
tert-Butylbenzene
Concen: 22.471 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	34.2	102.5
134	24.0	12.8	38.4

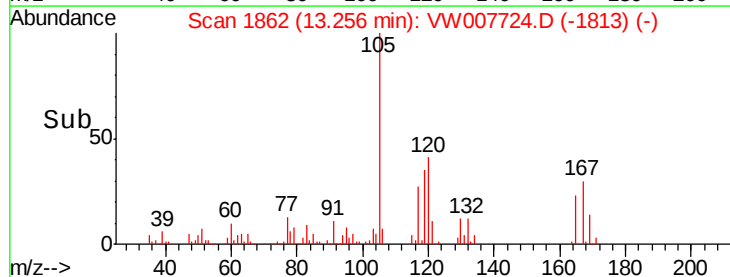
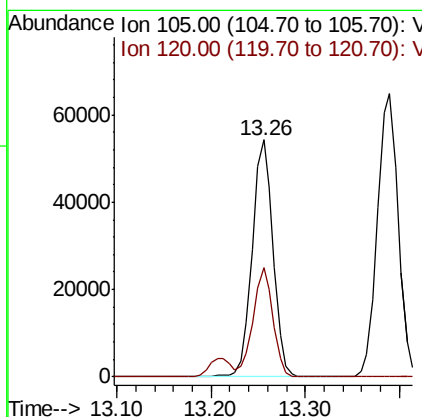
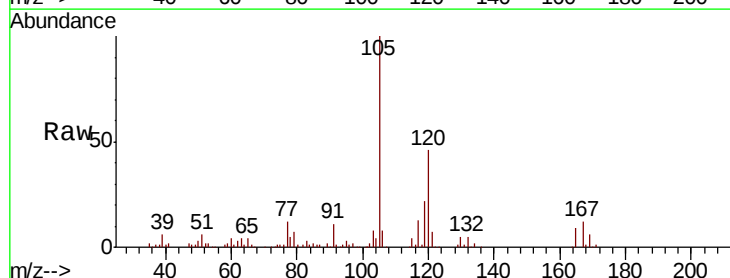
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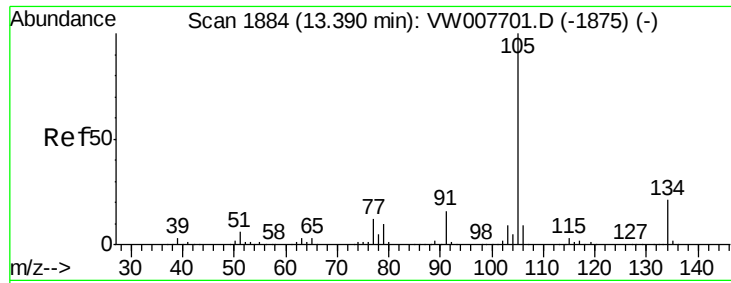
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#84
1,2,4-Trimethylbenzene
Concen: 22.972 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.0	66.0





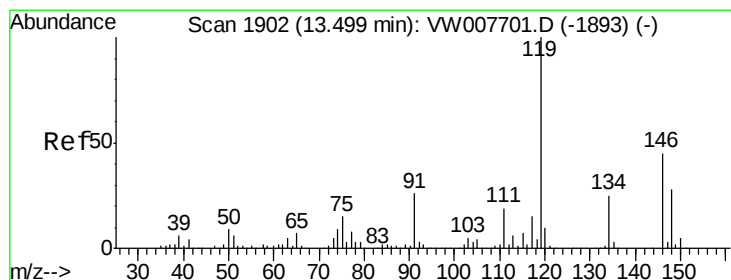
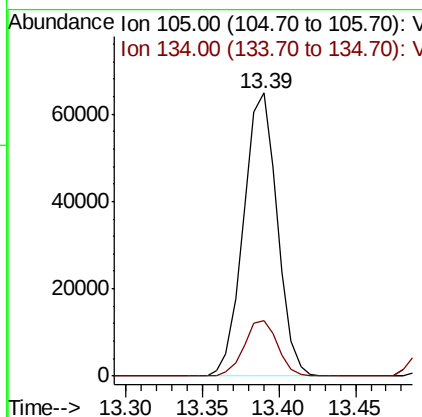
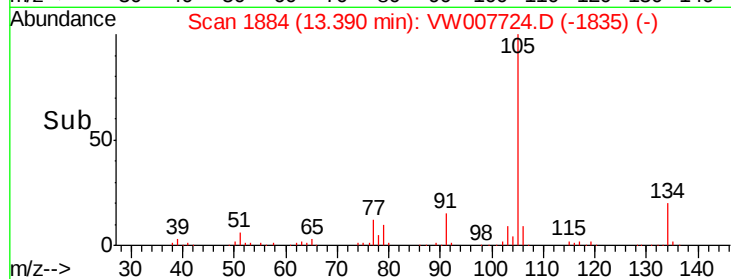
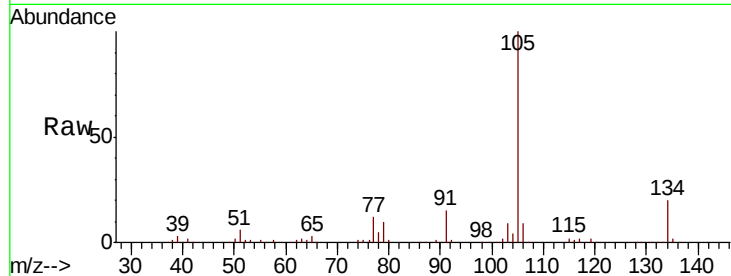
#85
 sec-Butylbenzene
 Concen: 22.362 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.2	30.4

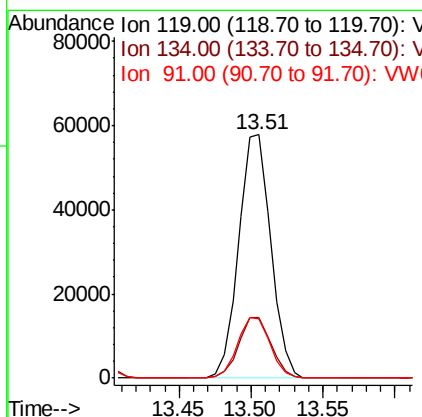
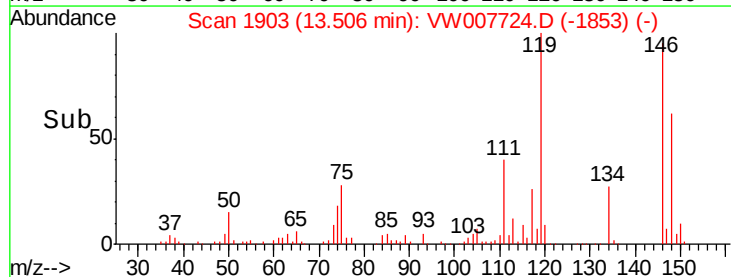
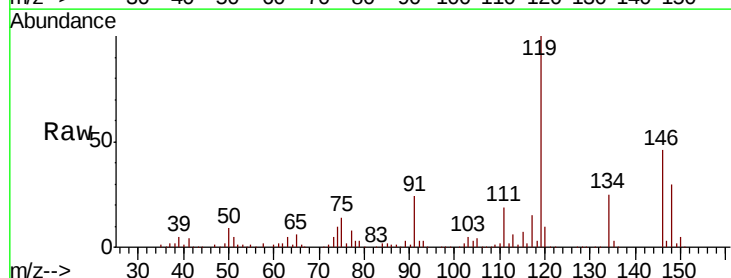
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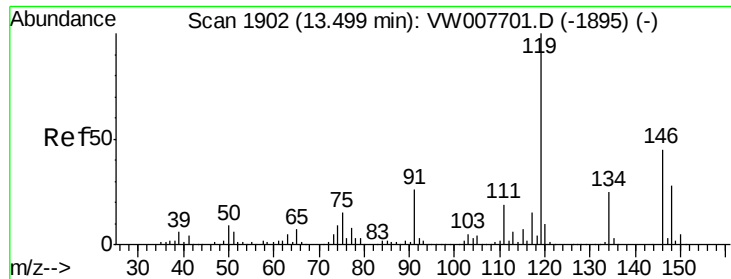
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#86
 p-Isopropyltoluene
 Concen: 22.229 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.0	39.0
91	25.0	12.8	38.4





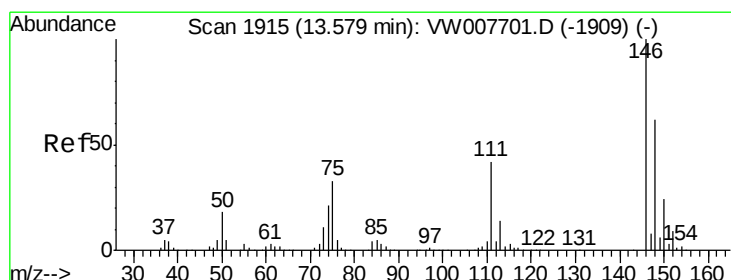
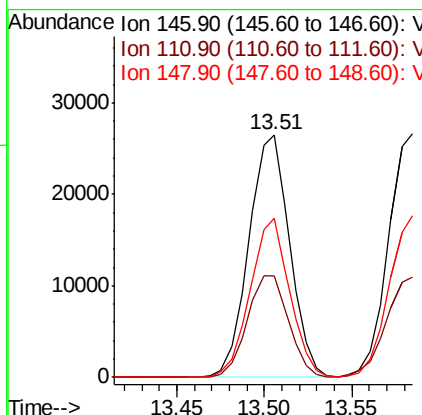
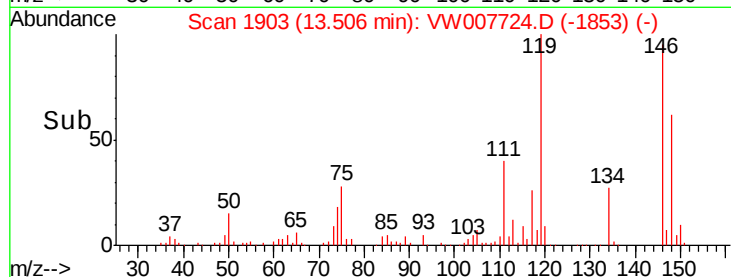
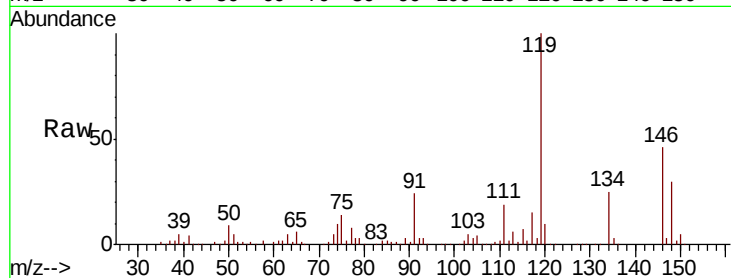
#87
 1,3-Dichlorobenzene
 Concen: 22.172 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	63.6	32.1	96.5

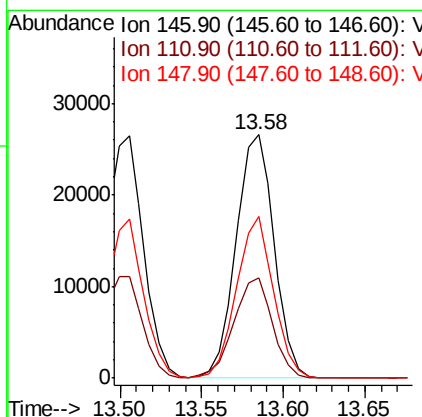
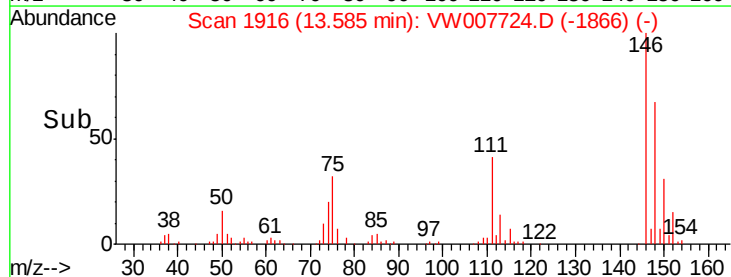
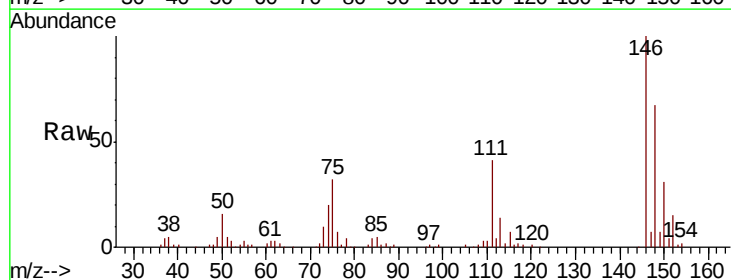
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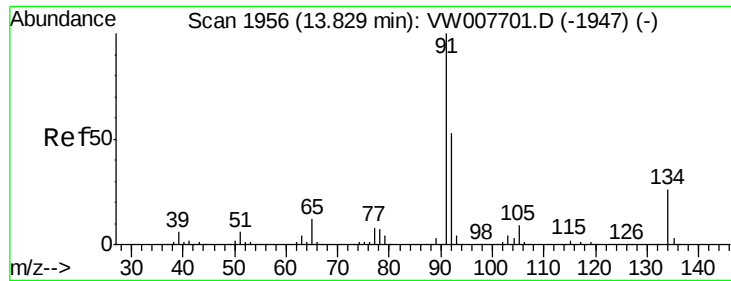
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#88
 1,4-Dichlorobenzene
 Concen: 22.343 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.4	31.8	95.4





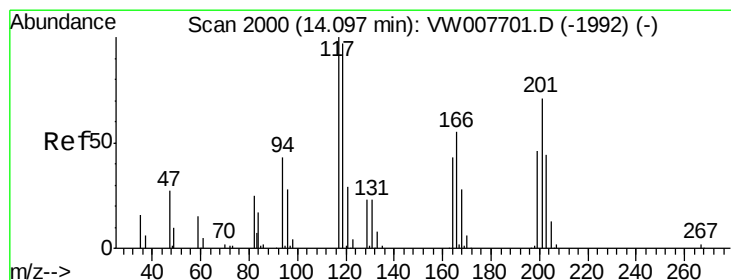
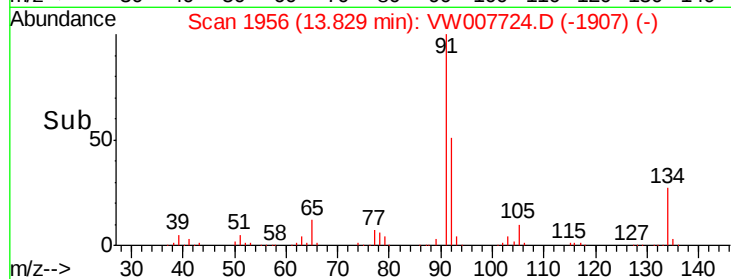
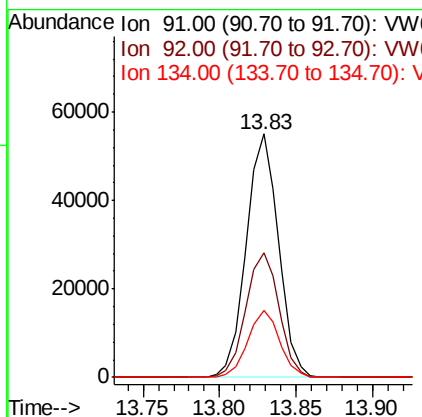
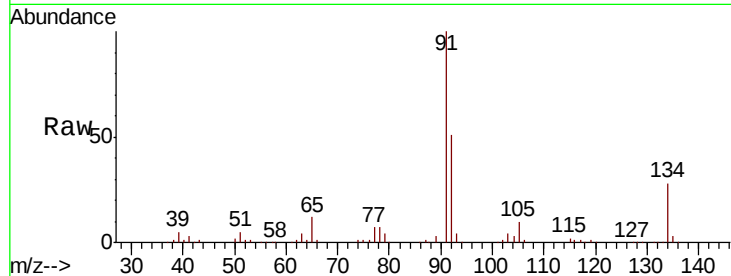
#89
n-Butylbenzene
Concen: 21.795 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	27.1	13.7	41.0

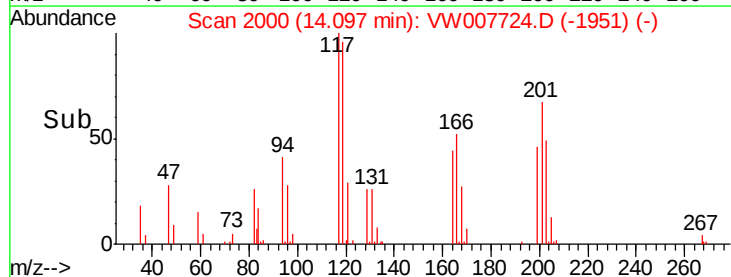
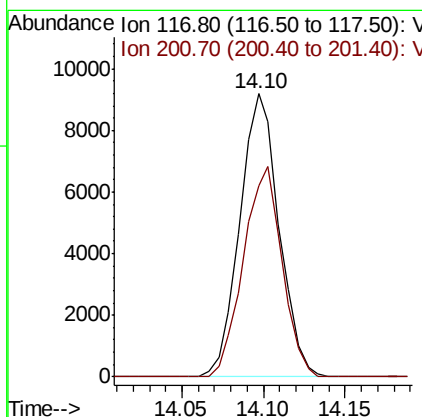
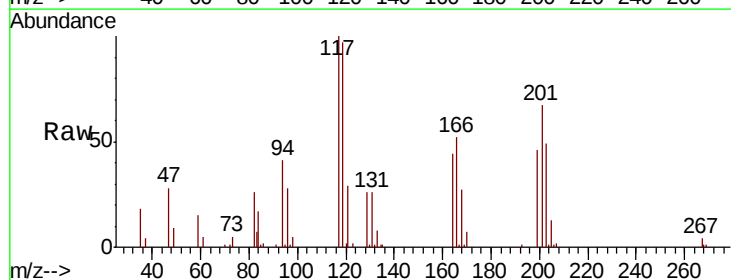
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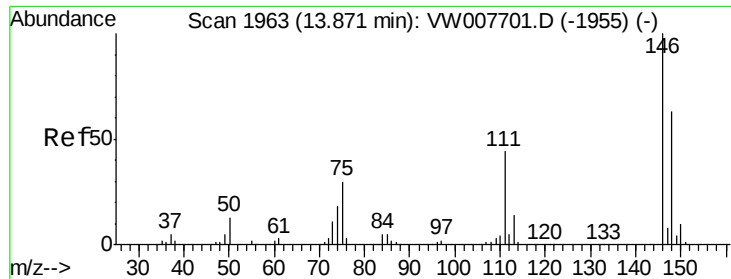
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#90
Hexachloroethane
Concen: 21.657 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	36.2	108.6





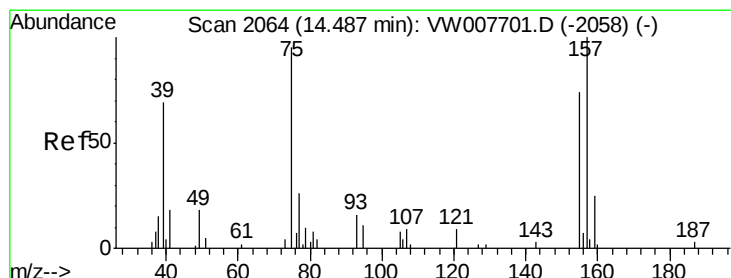
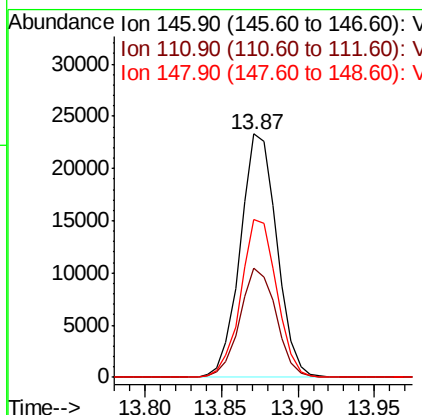
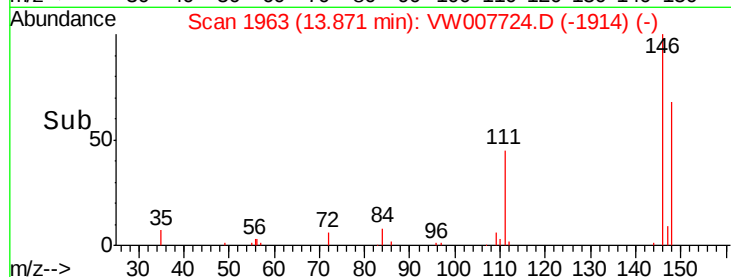
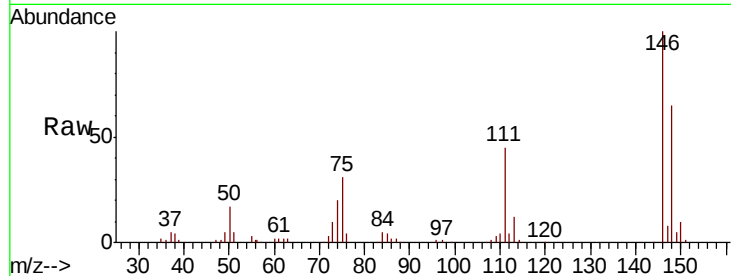
#91
 1,2-Dichlorobenzene
 Concen: 22.368 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.7	65.1
148	63.6	32.1	96.5

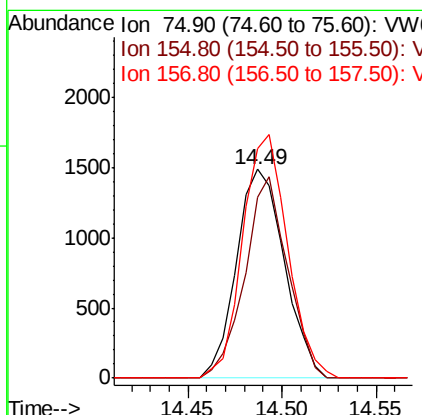
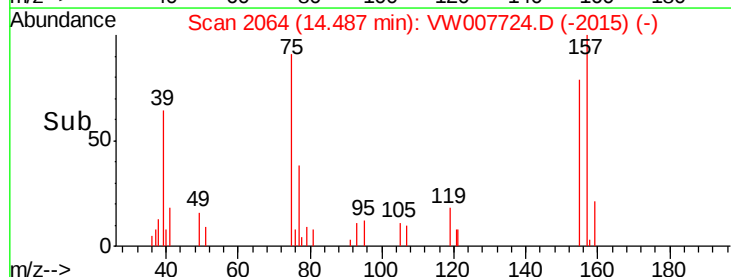
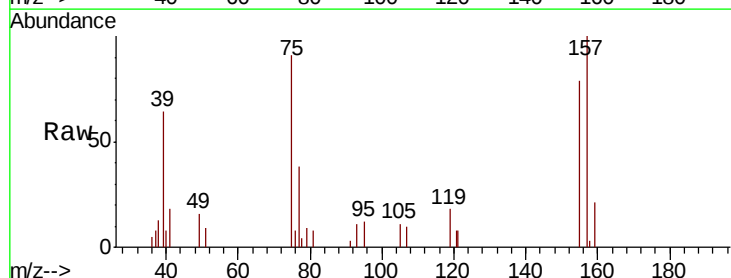
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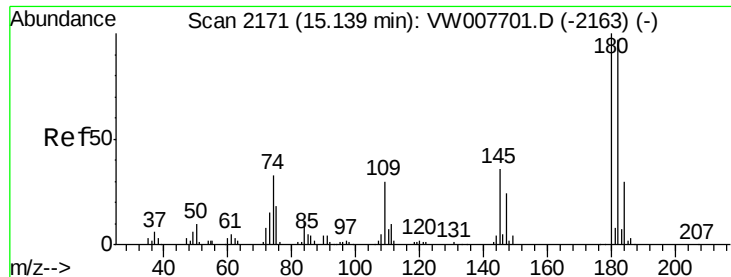
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.054 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.3	39.4	118.1
157	109.6	52.0	156.0





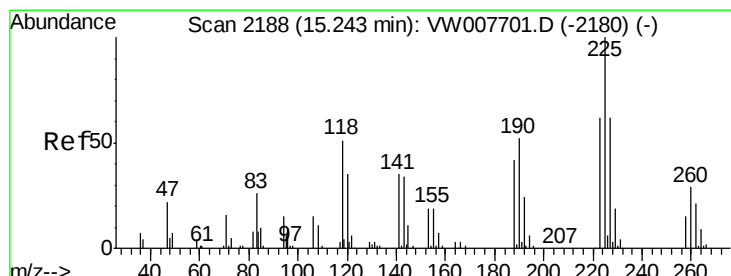
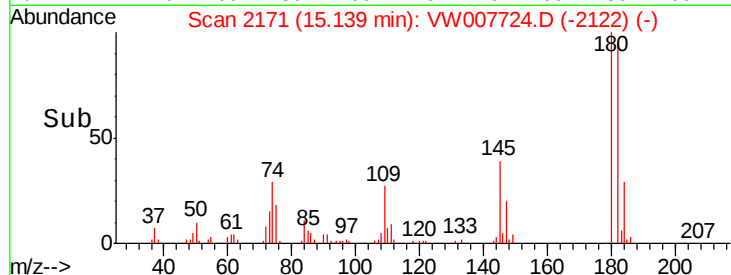
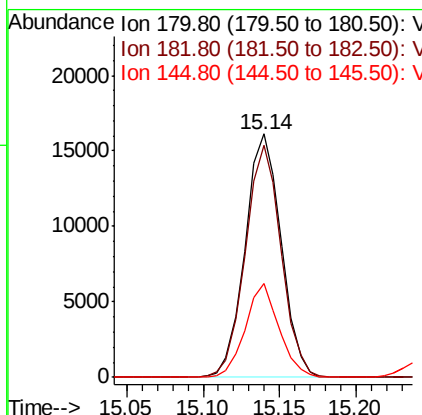
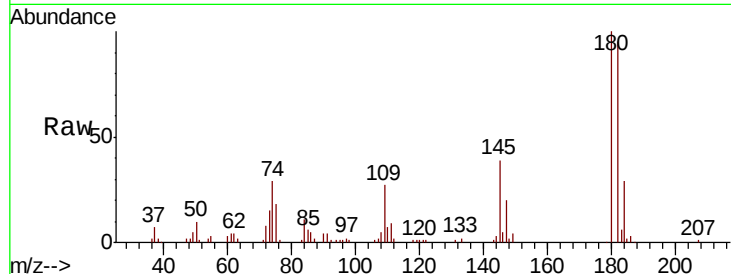
#93
 1,2,4-Trichlorobenzene
 Concen: 21.937 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	36.0	17.5	52.5

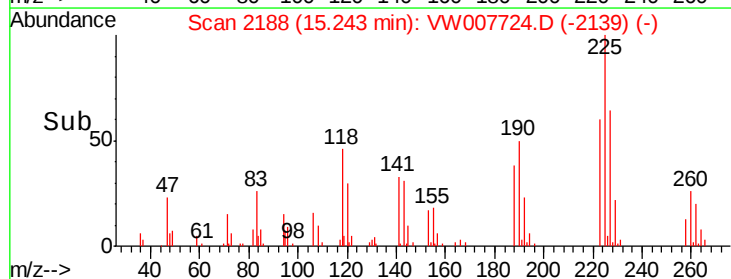
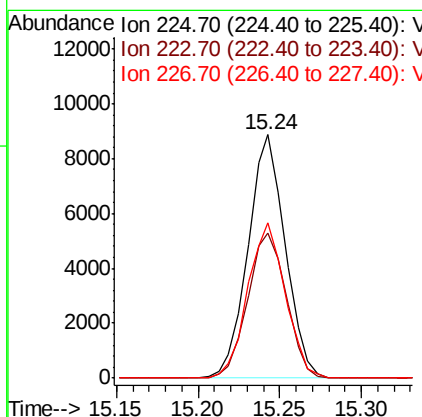
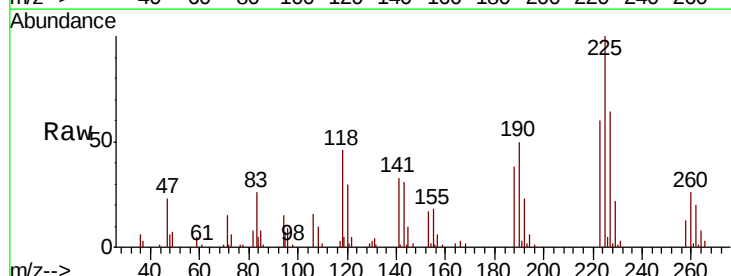
Manual Integrations
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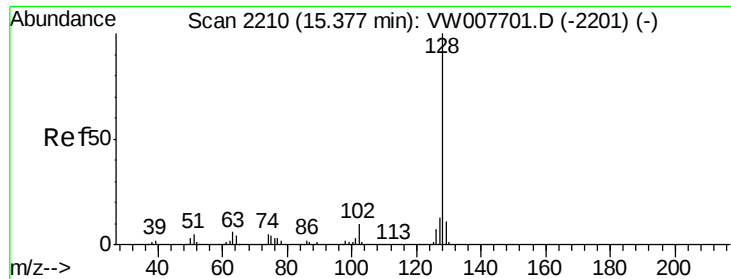
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 12/20/2018 11:20:43 AM



#94
 Hexachlorobutadiene
 Concen: 21.960 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.6	94.8
227	64.2	32.1	96.3





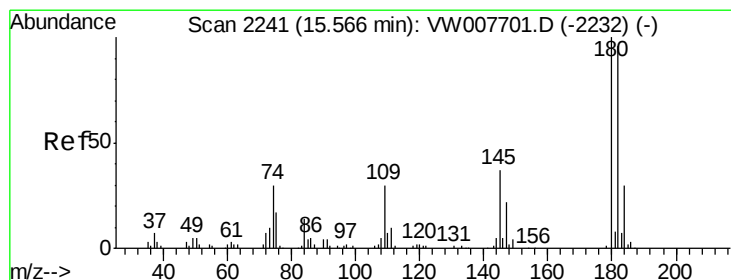
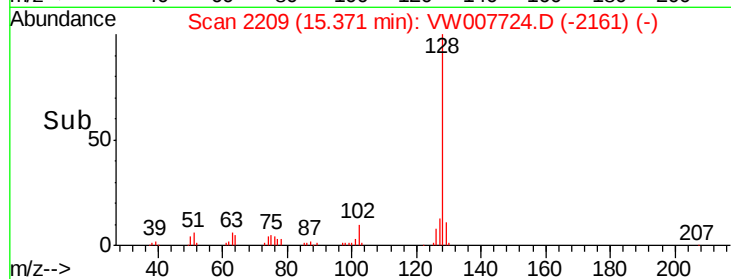
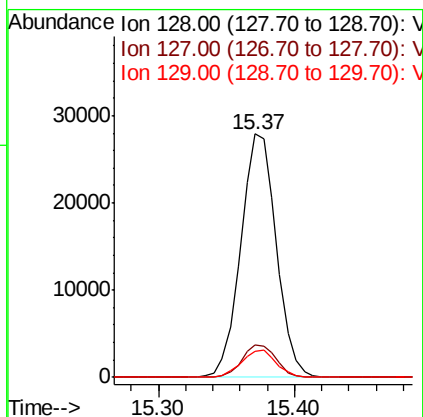
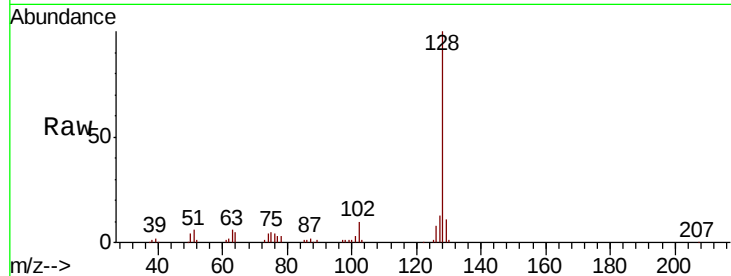
#95
Naphthalene
Concen: 22.895 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.160 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	36.4	18.4	55.0

