

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007749.D
 Acq On : 20 Dec 2018 16:15
 Operator : SY/AP
 Sample : VW1222SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Manual Integrations
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apatel
 12/21/2018 11:02:39 AM

Quant Time: Dec 21 04:07:10 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	69413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	37247	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	34392	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.32	98	130678	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	49406	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12917	20.933	ug/l	99
3) Chloromethane	2.21	50	8178	21.582	ug/l	100
4) Vinyl Chloride	2.37	62	10007	20.746	ug/l	92
5) Bromomethane	2.78	94	7210	21.461	ug/l	93
6) Chloroethane	2.93	64	5479	21.232	ug/l	96
7) Trichlorofluoromethane	3.25	101	10542	20.993	ug/l	88
8) Diethyl Ether	3.68	74	5673	18.444	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14996	20.276	ug/l	97
10) Methyl Iodide	4.26	142	24243	20.612	ug/l	99
11) Tert butyl alcohol	5.17	59	4890	95.281	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	14751	21.539	ug/l	87
13) Acrolein	3.89	56	4170	101.621	ug/l	100
14) Allyl chloride	4.66	41	18441	20.534	ug/l	99
15) Acrylonitrile	5.37	53	12986	98.975	ug/l	99
16) Acetone	4.12	43	14580	102.340	ug/l	98
17) Carbon Disulfide	4.38	76	43311	20.437	ug/l	99
18) Methyl Acetate	4.67	43	6796	20.058	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	20767	21.122	ug/l	96
20) Methylene Chloride	4.91	84	17036	20.146	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	15501	20.580	ug/l	99
22) Diisopropyl ether	6.31	45	34610	20.581	ug/l	94
23) Vinyl Acetate	6.26	43	101296	101.387	ug/l	99
24) 1,1-Dichloroethane	6.21	63	25908	20.943	ug/l	98
25) 2-Butanone	7.18	43	16038	96.111	ug/l	91
26) 2,2-Dichloropropane	7.16	77	19373	21.400	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	16843	20.989	ug/l	99
28) Bromochloromethane	7.51	49	8166	19.360	ug/l	96
29) Tetrahydrofuran	7.53	42	9911	99.573	ug/l	100
30) Chloroform	7.68	83	28971	20.693	ug/l	97
31) Cyclohexane	7.95	56	23148	20.439	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	27374	21.469	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22410	21.246	ug/l	99
37) Ethyl Acetate	7.26	43	7477	20.540	ug/l	97
38) Carbon Tetrachloride	8.07	117	26469	21.308	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28495	21.740	ug/l	99
40) Benzene	8.32	78	60328	21.433	ug/l	99
41) Methacrylonitrile	7.48	41	4777	23.113	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	19640	20.821	ug/l	100
43) Isopropyl Acetate	8.43	43	14536	19.931	ug/l	98
44) Trichloroethene	9.09	130	18096	21.259	ug/l	97
45) 1,2-Dichloropropane	9.37	63	13171	21.088	ug/l	100
46) Dibromomethane	9.46	93	7935	20.639	ug/l	99
47) Bromodichloromethane	9.65	83	20729	20.509	ug/l	95
48) Methyl methacrylate	9.44	41	7094	19.487	ug/l	95
49) 1,4-Dioxane	9.45	88	2393	392.585	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	35036	101.650	ug/l	99
52) Toluene	10.39	92	40137	21.253	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	20776	20.666	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	23409	21.080	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	11066	20.879	ug/l	93
56) Ethyl methacrylate	10.65	69	12402	19.805	ug/l	95
57) 1,3-Dichloropropane	10.93	76	18517	21.039	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29659	103.734	ug/l	99
59) 2-Hexanone	10.97	43	24604	101.503	ug/l	97
60) Dibromochloromethane	11.13	129	14355	20.455	ug/l	99
61) 1,2-Dibromoethane	11.24	107	11313	21.078	ug/l	96
64) Tetrachloroethene	10.87	164	15422	22.224	ug/l	95
65) Chlorobenzene	11.66	112	45612	21.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	15846	20.908	ug/l	96
67) Ethyl Benzene	11.73	91	80584	22.140	ug/l	99
68) m/p-Xylenes	11.84	106	62340	44.153	ug/l	100
69) o-Xylene	12.17	106	28896	21.833	ug/l	100
70) Styrene	12.18	104	47683	21.918	ug/l	100
71) Bromoform	12.35	173	8325	21.160	ug/l #	99
73) Isopropylbenzene	12.47	105	83642	21.540	ug/l	100
74) N-amyl acetate	12.27	43	13244	19.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11596	19.917	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	7422m	18.693	ug/l	
77) Bromobenzene	12.75	156	18569	20.866	ug/l	98
78) n-propylbenzene	12.81	91	97707	21.616	ug/l	99
79) 2-Chlorotoluene	12.90	91	56245	21.360	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	72515	21.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3892	20.576	ug/l	97
82) 4-Chlorotoluene	12.99	91	60095	21.434	ug/l	99
83) tert-Butylbenzene	13.21	119	64213	21.850	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75581	22.363	ug/l	99
85) sec-Butylbenzene	13.39	105	87686	21.649	ug/l	99
86) p-Isopropyltoluene	13.51	119	81332	22.083	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	37780	21.382	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	37253	21.078	ug/l	98
89) n-Butylbenzene	13.83	91	74310	22.006	ug/l	99
90) Hexachloroethane	14.10	117	13498	20.876	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	34242	21.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2568	21.478	ug/l	99

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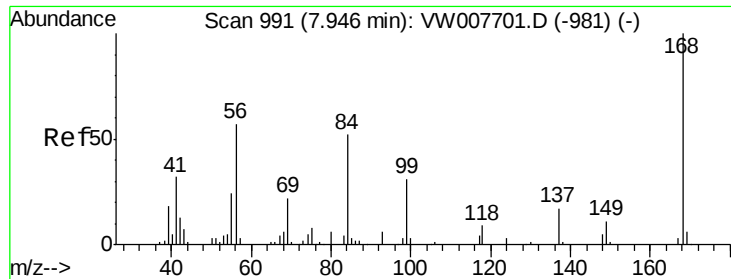
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23461	21.365	ug/l	99
94) Hexachlorobutadiene	15.24	225	12847	21.891	ug/l	99
95) Naphthalene	15.38	128	43652	21.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20277	21.571	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBSD01

Tgt Ion:168 Resp: 69413

Ion Ratio Lower Upper

168 100

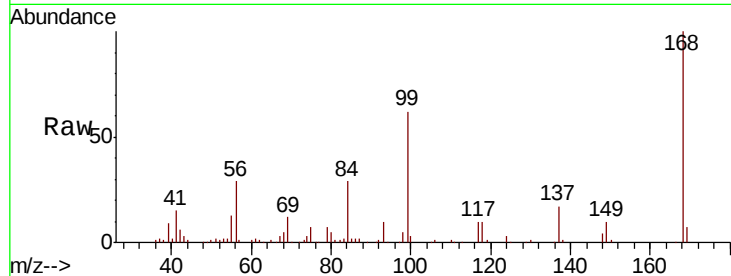
99 61.6 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

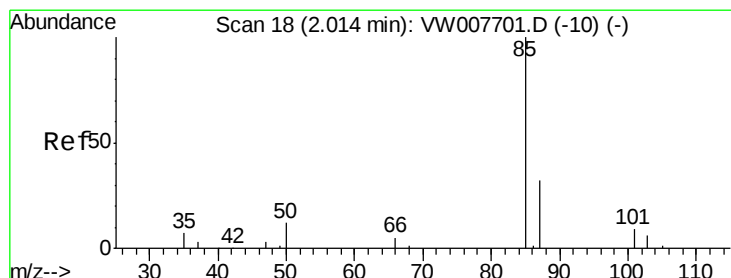
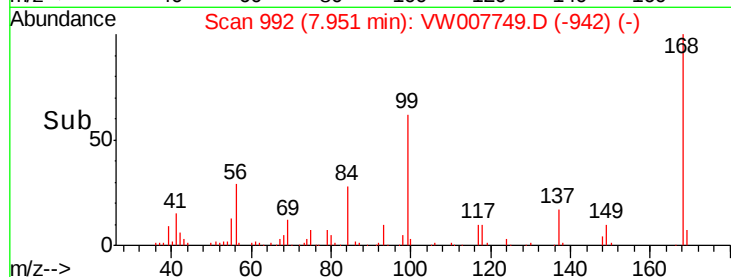
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 20.933 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007749.D

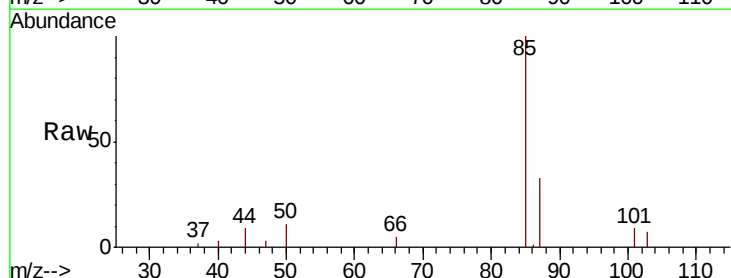
Acq: 20 Dec 2018 16:15

Tgt Ion: 85 Resp: 12917

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

4000

3000

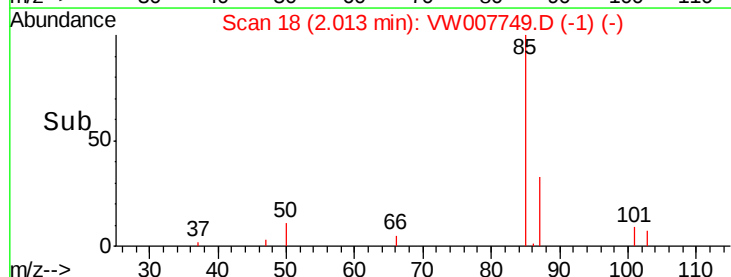
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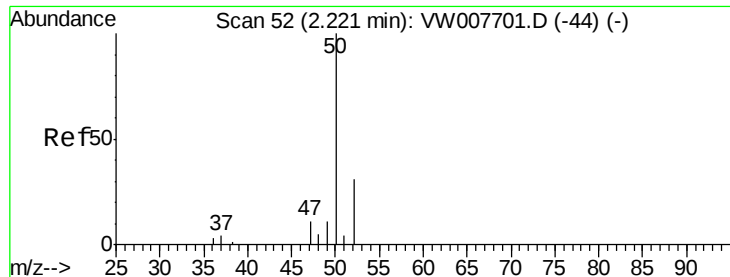
1000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.582 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion: 50 Resp: 8178

Ion Ratio Lower Upper

50 100

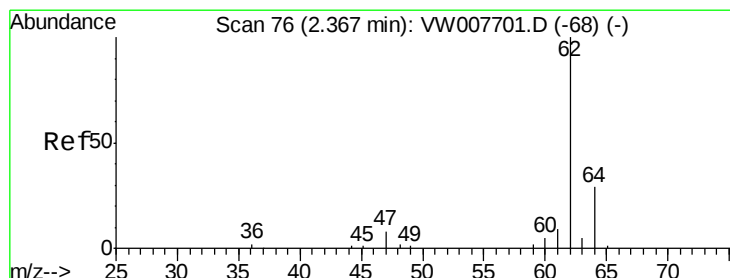
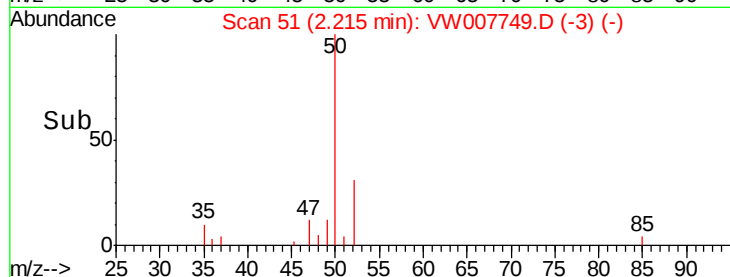
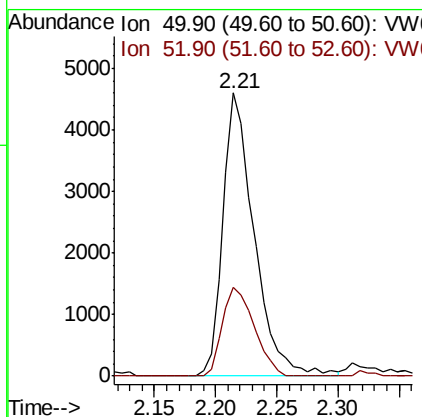
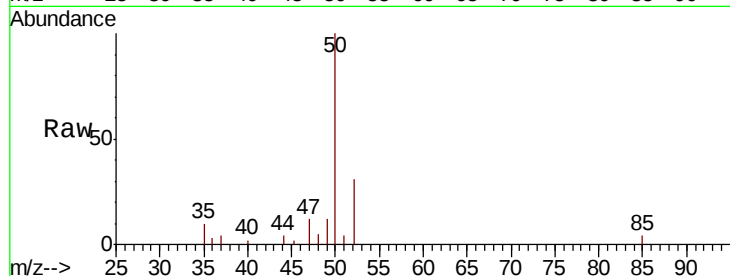
52 31.4 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.746 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007749.D

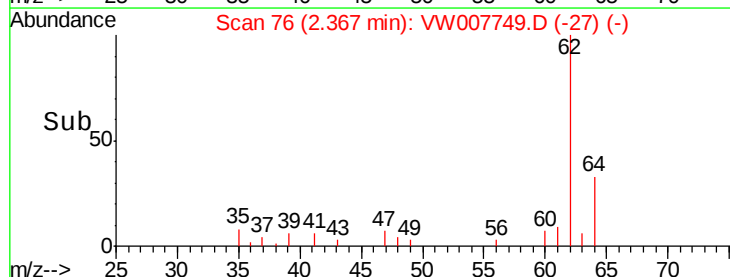
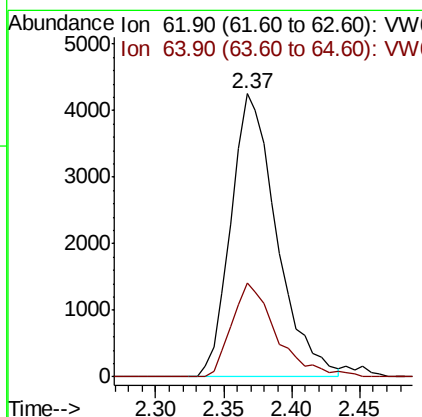
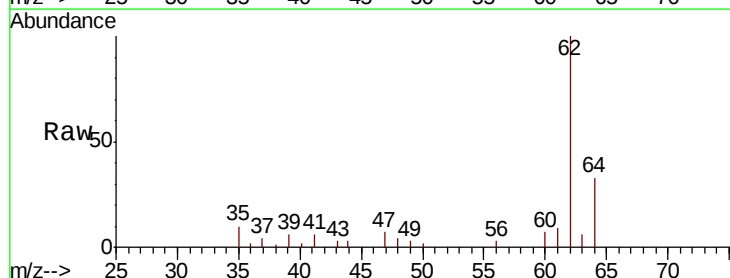
Acq: 20 Dec 2018 16:15

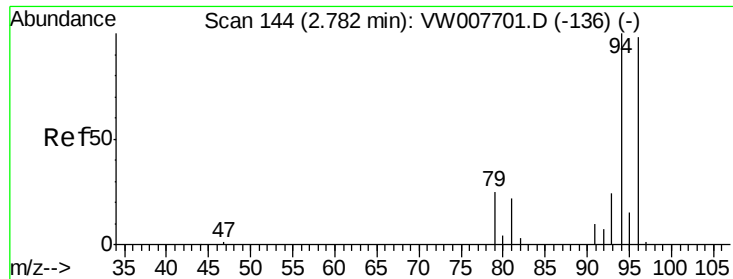
Tgt Ion: 62 Resp: 10007

Ion Ratio Lower Upper

62 100

64 33.4 23.4 35.0





#5

Bromomethane

Concen: 21.461 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion: 94 Resp: 7210

Ion Ratio Lower Upper

94 100

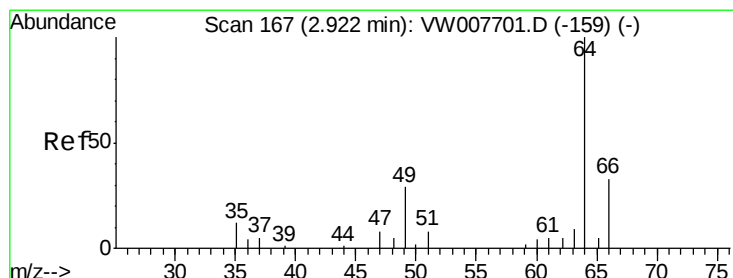
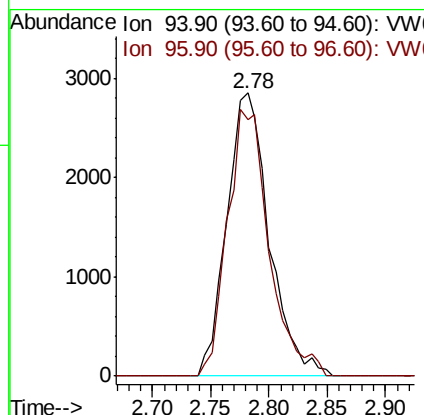
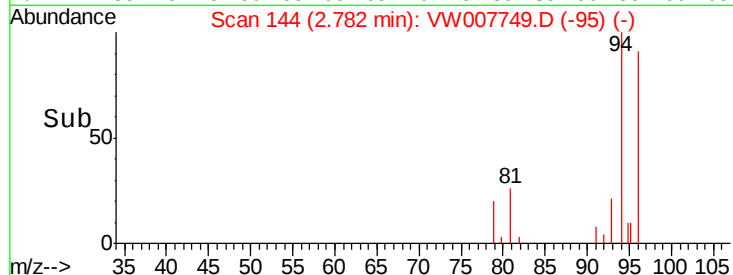
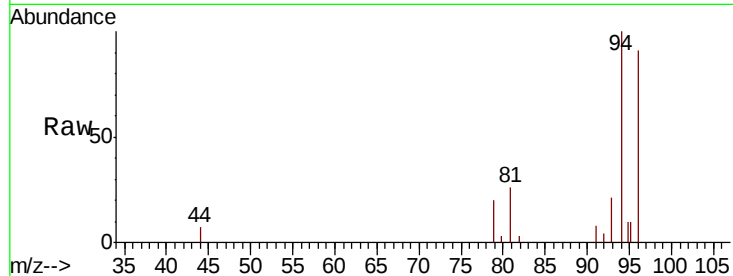
96 90.8 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 21.232 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007749.D

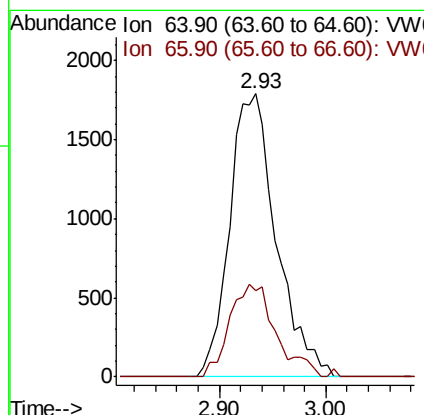
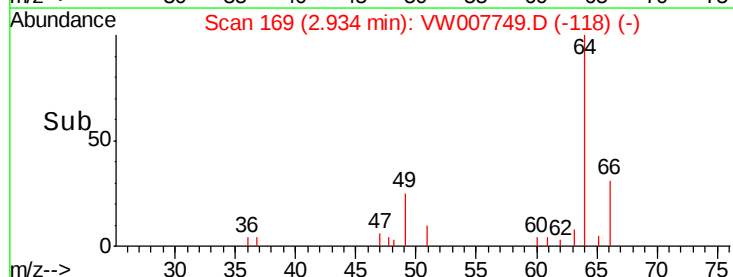
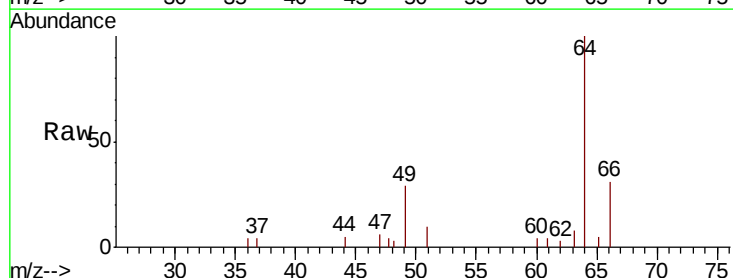
Acq: 20 Dec 2018 16:15

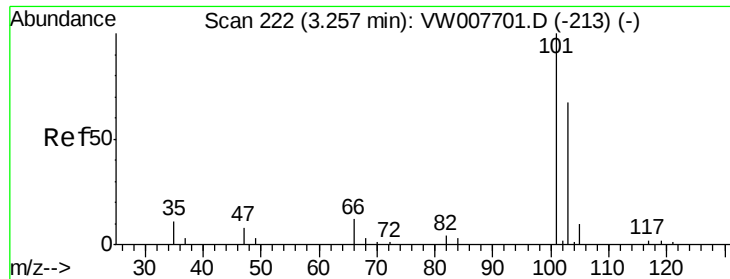
Tgt Ion: 64 Resp: 5479

Ion Ratio Lower Upper

64 100

66 30.5 26.2 39.4





#7

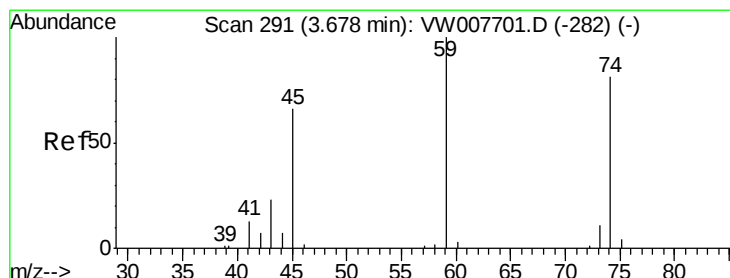
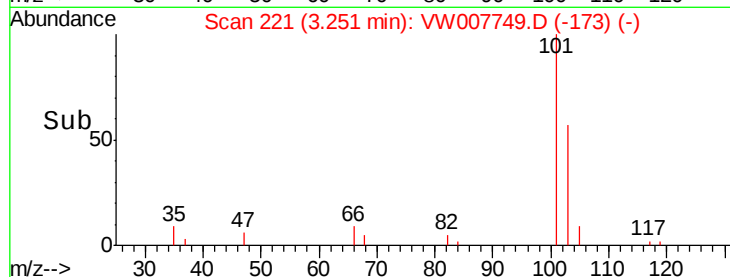
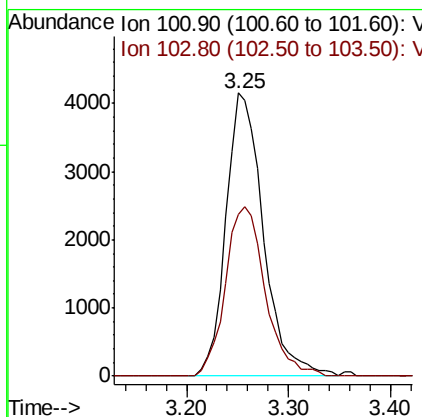
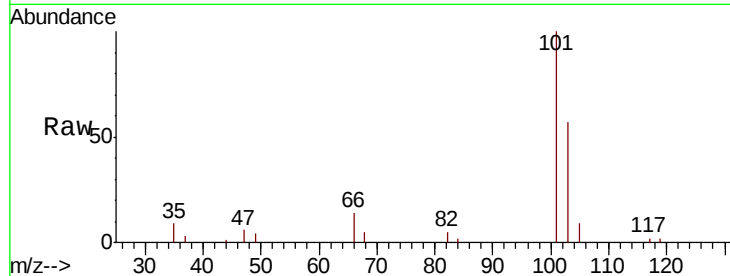
Trichlorofluoromethane
Concen: 20.993 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
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ClientSampleId :
VW1222SBSD01

Tgt Ion: 101 Resp: 10542
Ion Ratio Lower Upper
101 100
103 57.3 53.4 80.2

Manual Integrations
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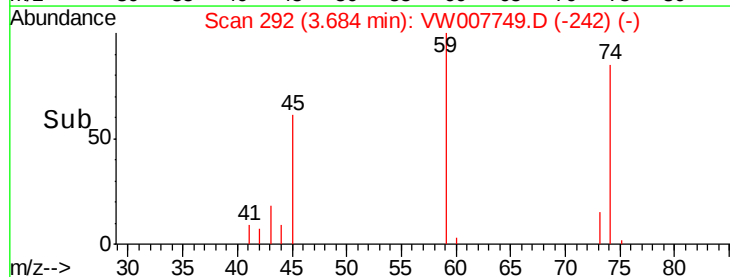
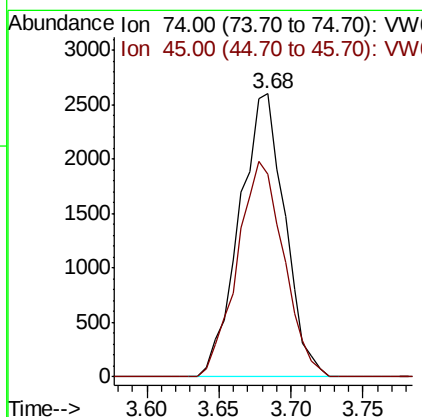
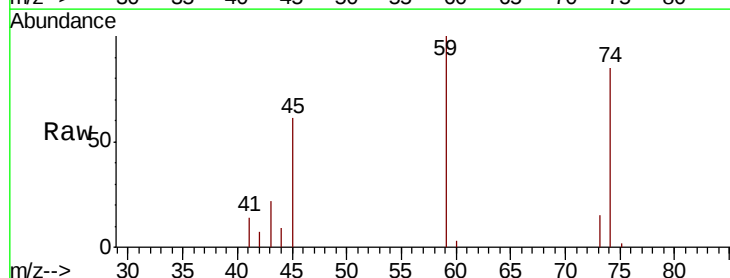
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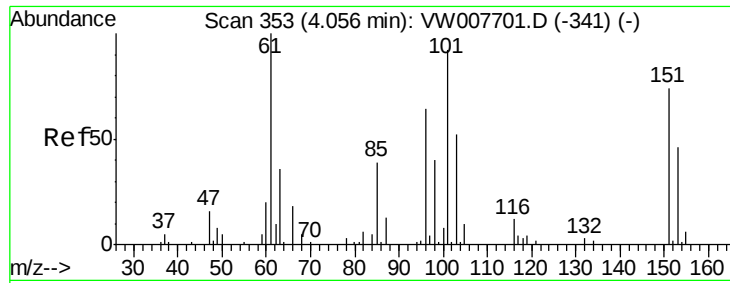


#8

Diethyl Ether
Concen: 18.444 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion: 74 Resp: 5673
Ion Ratio Lower Upper
74 100
45 78.3 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.276 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

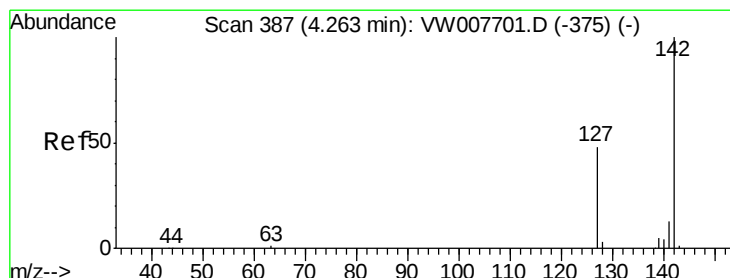
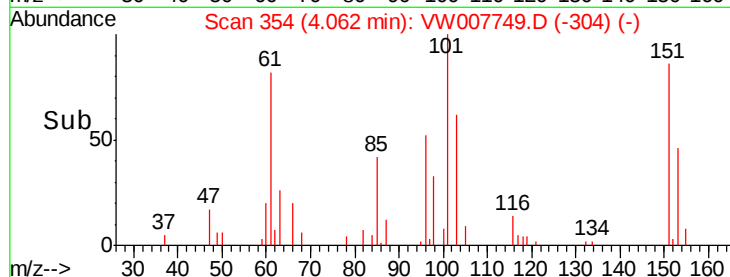
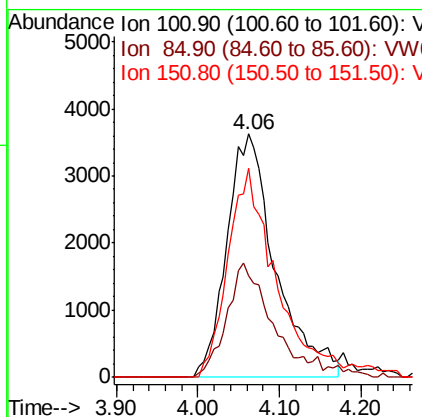
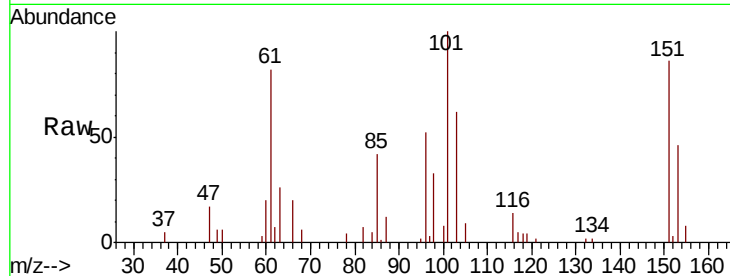
ClientSampleId :

VW1222SBS01

Tgt Ion:	101	Resp:	14996
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.3	51.5
151	83.8	64.6	96.8

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#10

Methyl Iodide

Concen: 20.612 ug/l

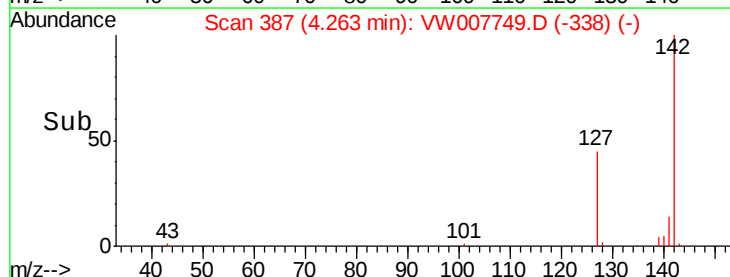
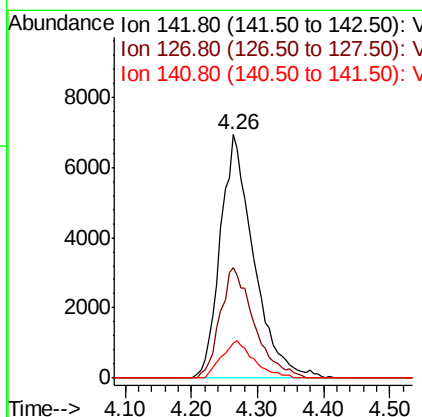
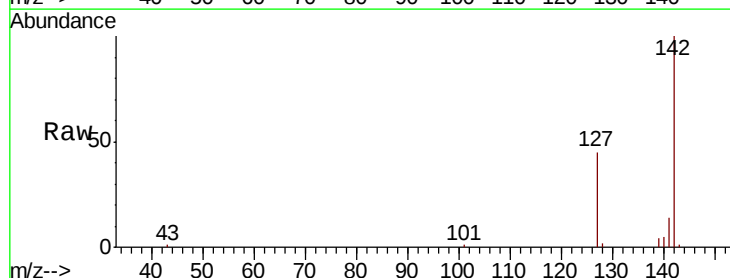
RT: 4.26 min Scan# 387

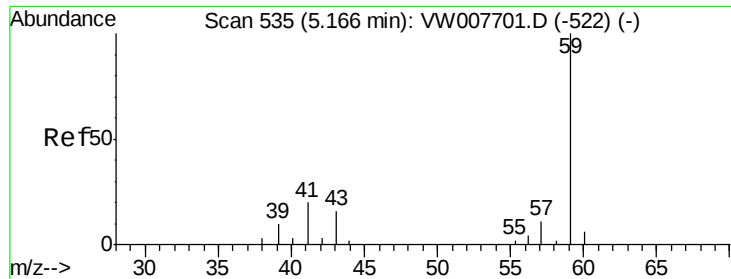
Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion:	142	Resp:	24243
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.7	56.5
141	14.7	11.5	17.3





#11

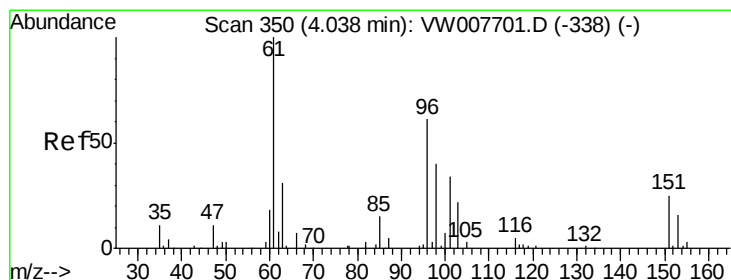
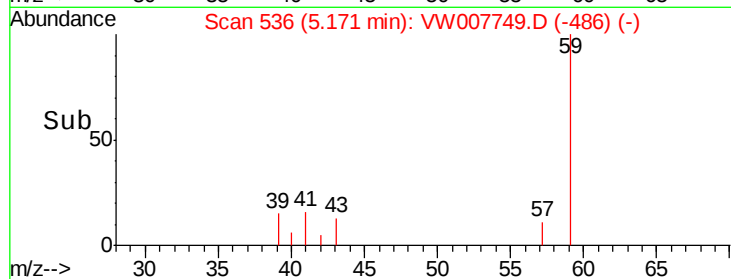
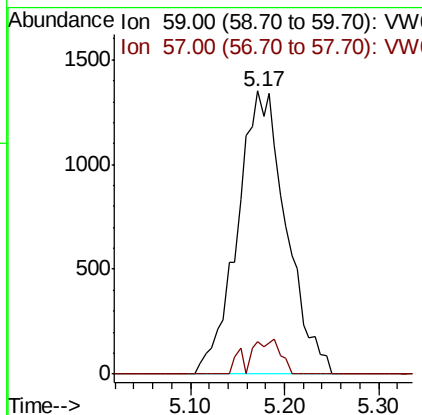
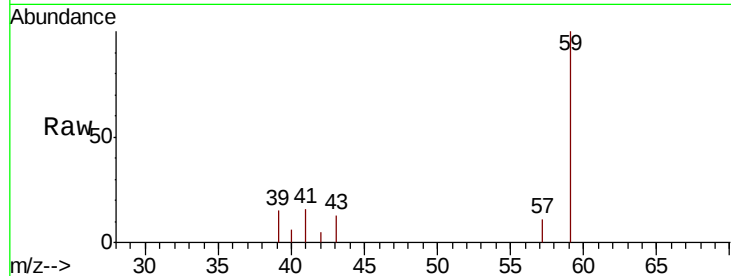
Tert butyl alcohol
 Concen: 95.281 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion: 59 Resp: 4890
 Ion Ratio Lower Upper
 59 100
 57 6.6 7.8 11.8#

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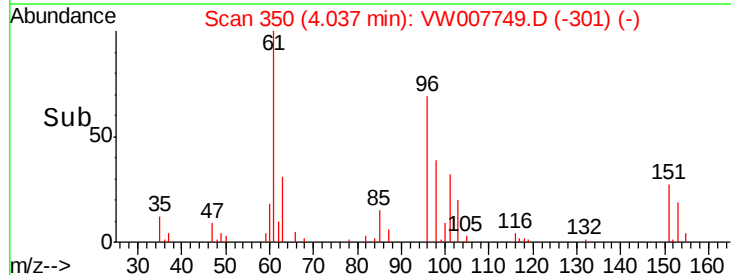
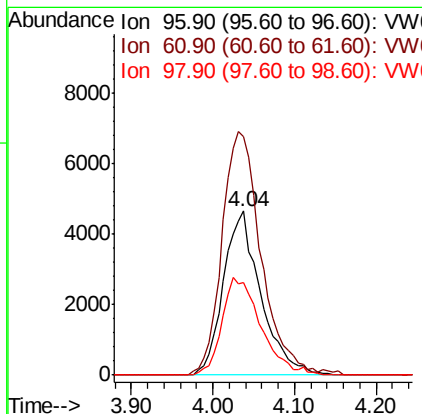
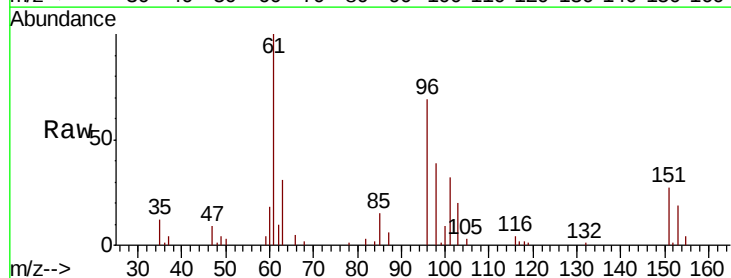
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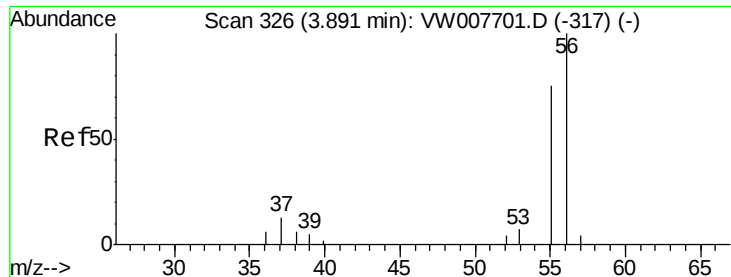


#12

1,1-Dichloroethene
 Concen: 21.539 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion: 96 Resp: 14751
 Ion Ratio Lower Upper
 96 100
 61 145.5 130.6 195.8
 98 56.9 52.3 78.5





#13

Acrolein

Concen: 101.621 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion: 56 Resp: 4170

Ion Ratio Lower Upper

56 100

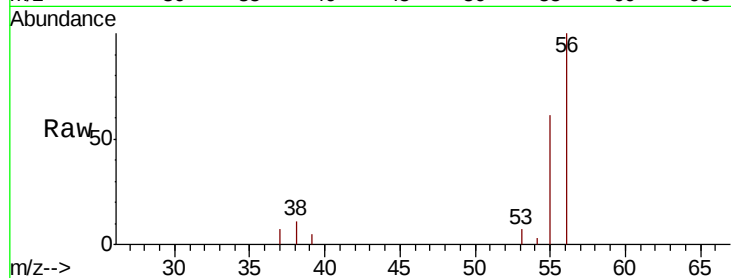
55 72.0 57.7 86.5

Manual Integrations

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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

2000

1500

1000

500

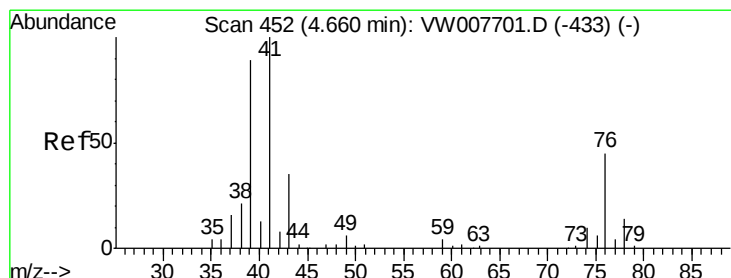
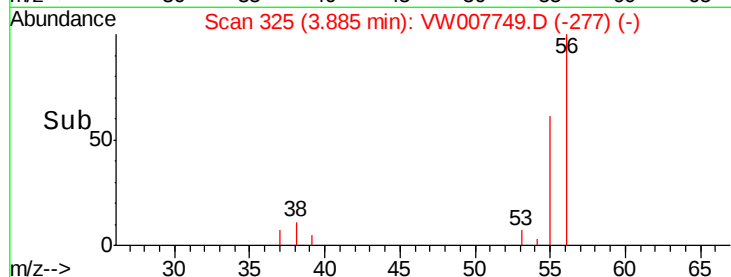
0

3.80

3.90

4.00

Time-->



#14

Allyl chloride

Concen: 20.534 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

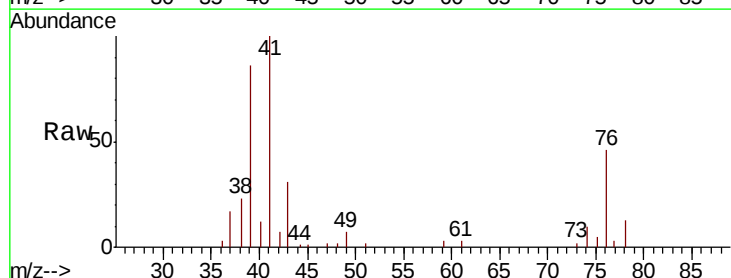
Tgt Ion: 41 Resp: 18441

Ion Ratio Lower Upper

41 100

39 87.4 69.5 104.3

76 45.0 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

4.66

8000

6000

4000

2000

0

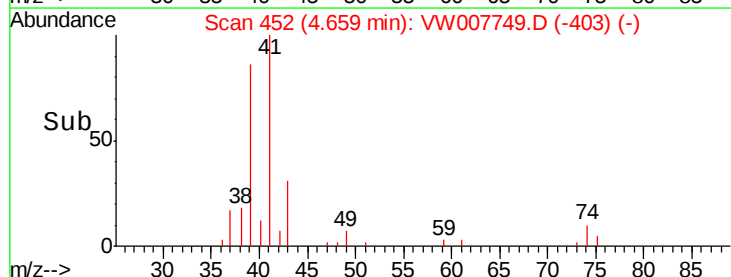
4.50

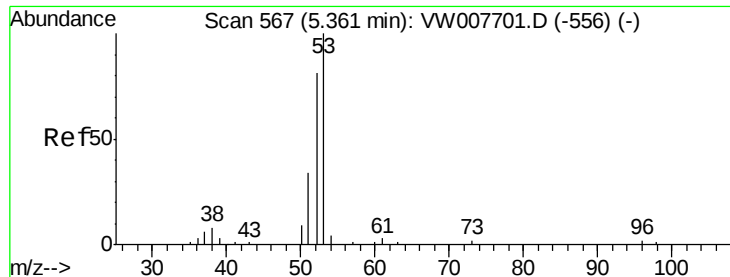
4.60

4.70

4.80

Time-->





#15

Acrylonitrile

Concen: 98.975 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

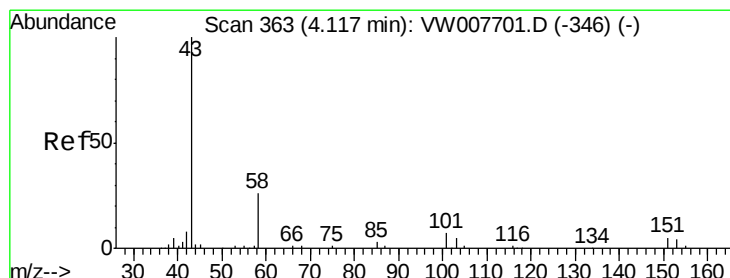
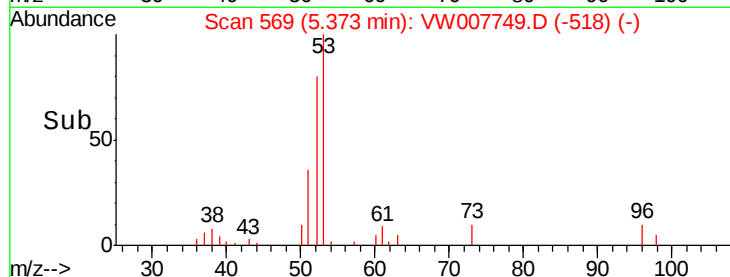
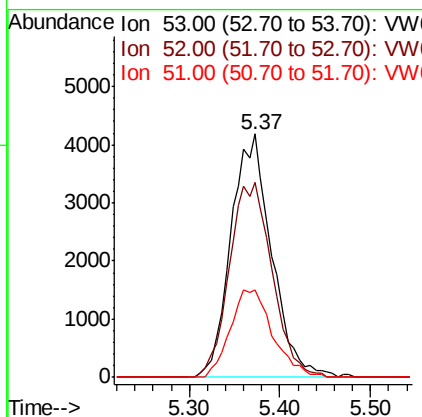
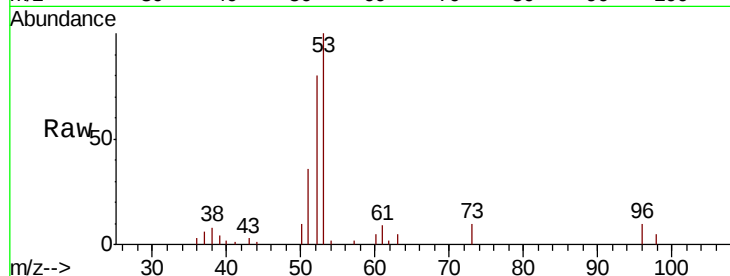
ClientSampleId :

VW1222SBS01

Tgt Ion:	53	Resp:	12986
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.0	100.4
51	37.8	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 102.340 ug/l

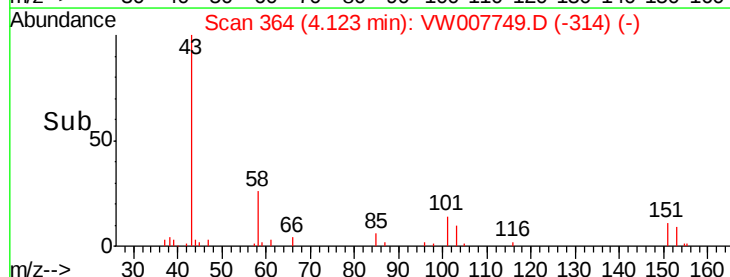
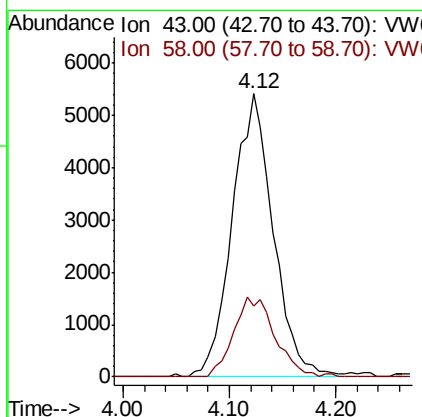
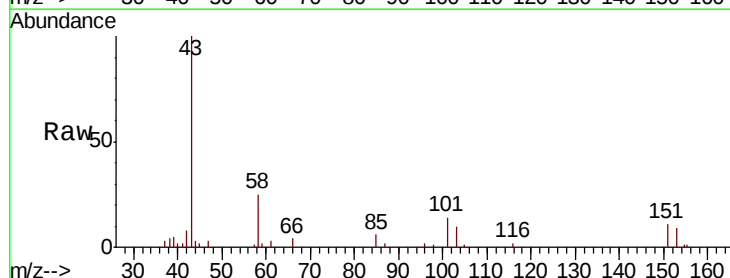
RT: 4.12 min Scan# 364

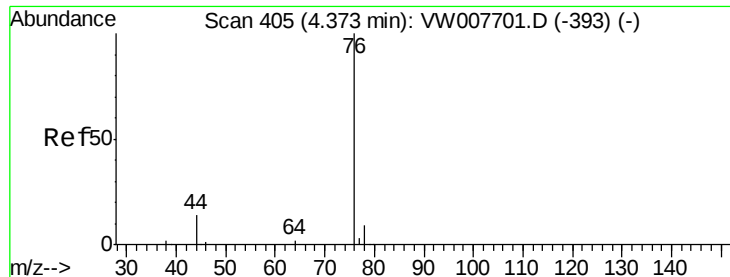
Delta R.T. 0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion:	43	Resp:	14580
Ion	Ratio	Lower	Upper
43	100		
58	25.3	21.2	31.8





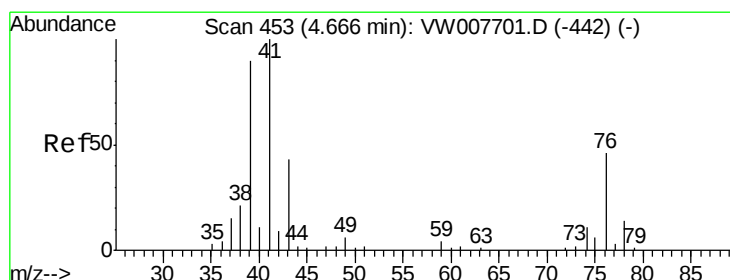
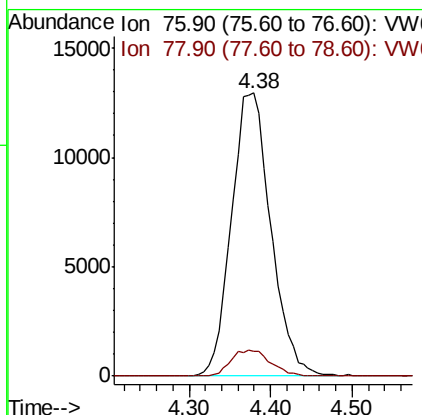
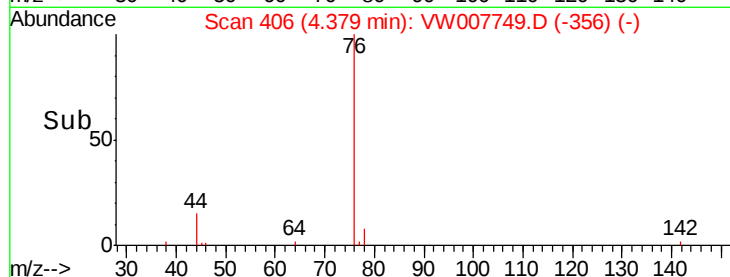
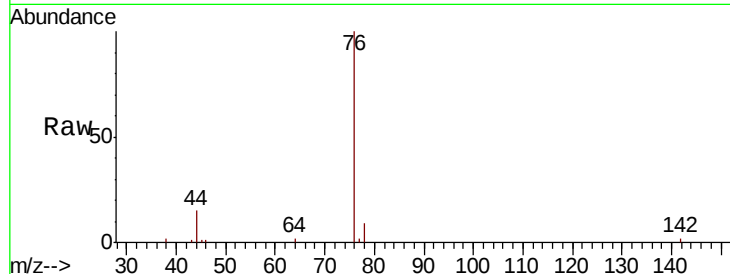
#17
Carbon Disulfide
Concen: 20.437 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

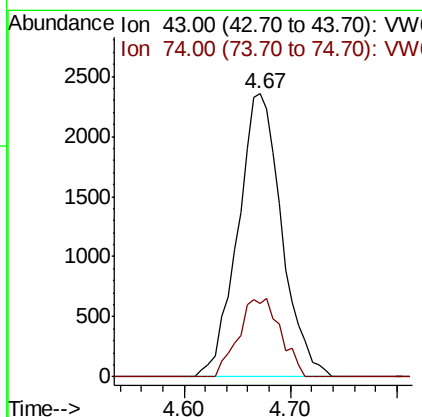
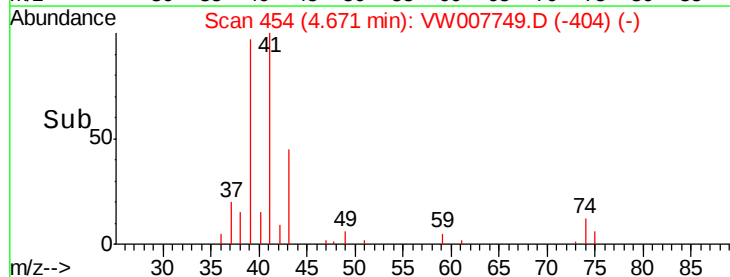
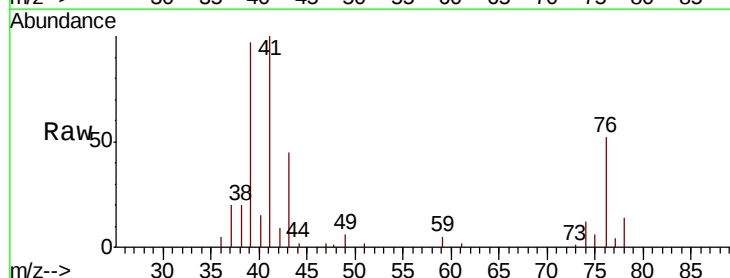
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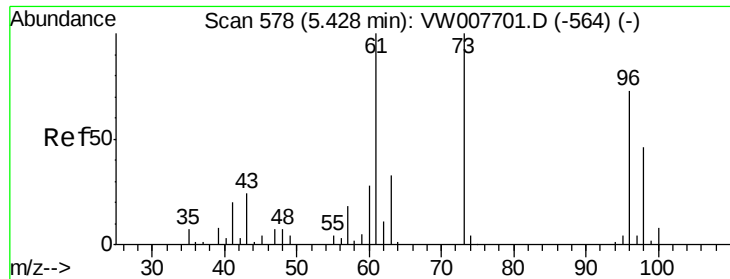
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#18
Methyl Acetate
Concen: 20.058 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	22.7	34.1





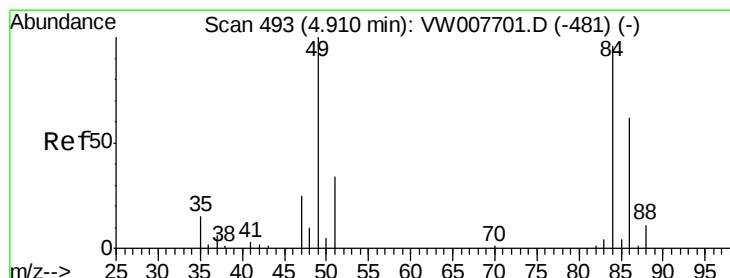
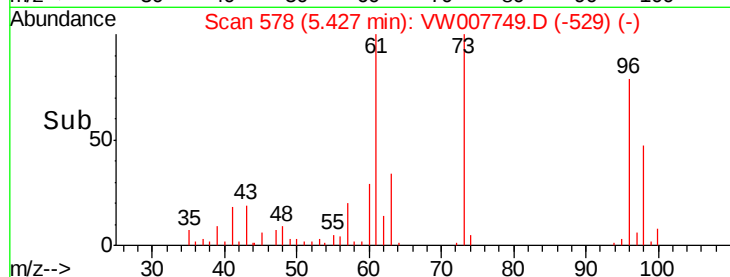
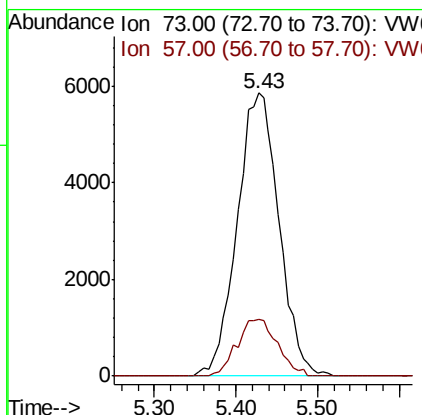
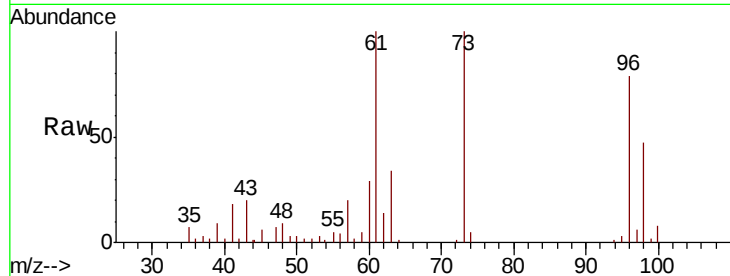
#19
Methyl tert-butyl Ether
Concen: 21.122 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion: 73 Resp: 20767
Ion Ratio Lower Upper
73 100
57 20.2 14.7 22.1

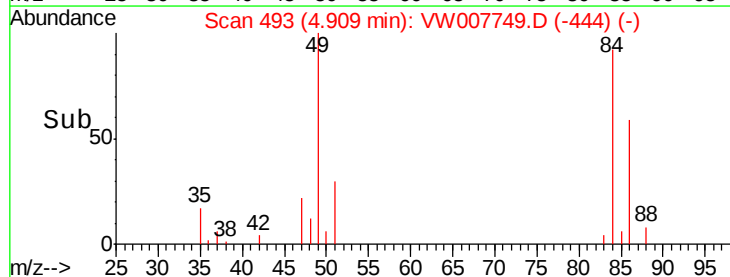
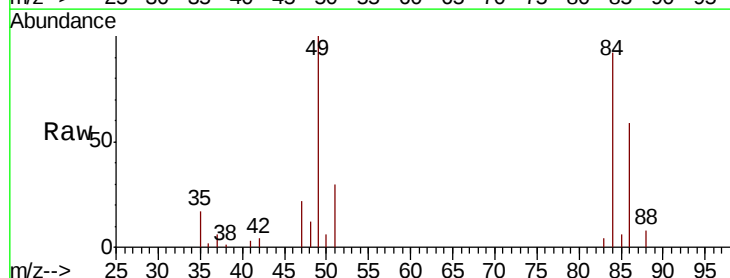
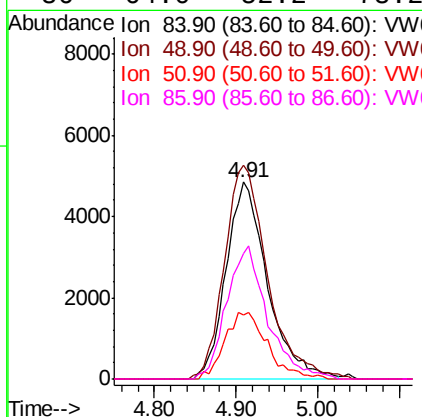
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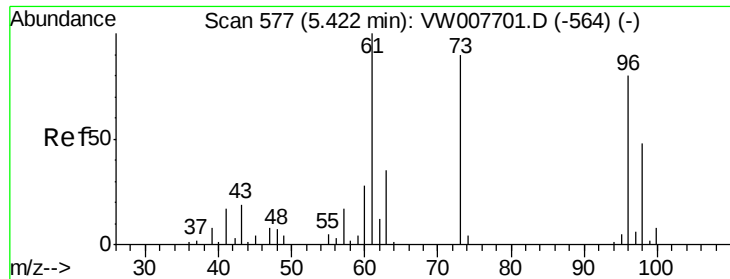
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#20
Methylene Chloride
Concen: 20.146 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion: 84 Resp: 17036
Ion Ratio Lower Upper
84 100
49 108.5 83.7 125.5
51 32.2 28.2 42.2
86 64.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.580 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

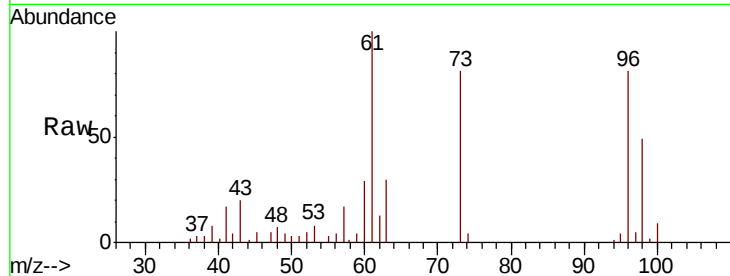
ClientSampleId :

VW1222SBS01

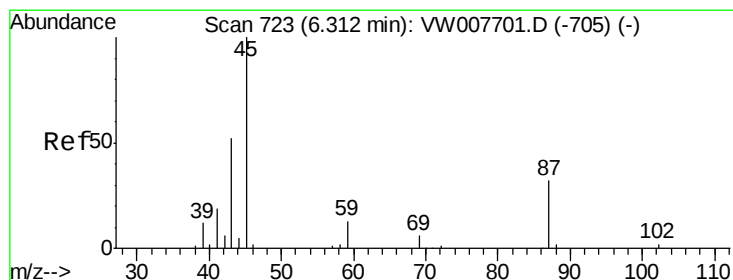
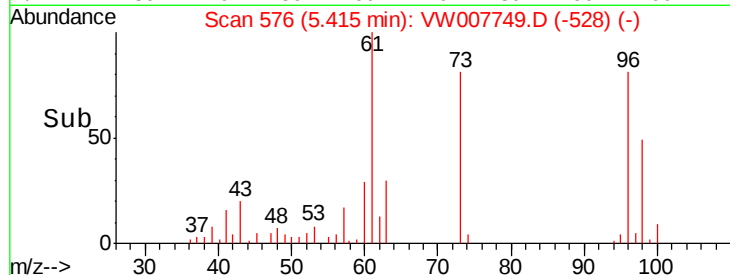
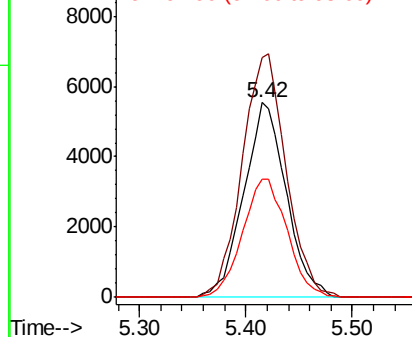
Tgt Ion:	96	Resp:	15501
Ion	Ratio	Lower	Upper
96	100		
61	123.3	100.1	150.1
98	60.9	48.5	72.7

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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



#22

Diisopropyl ether

Concen: 20.581 ug/l

RT: 6.31 min Scan# 723

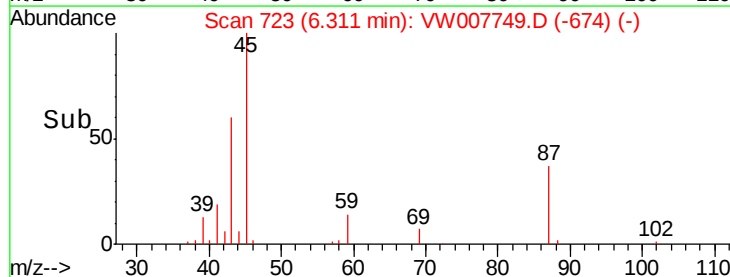
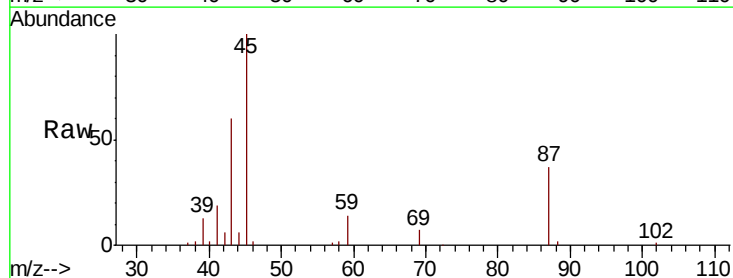
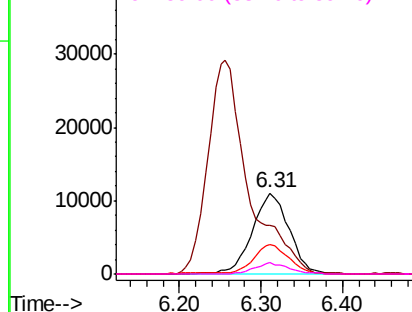
Delta R.T. -0.00 min

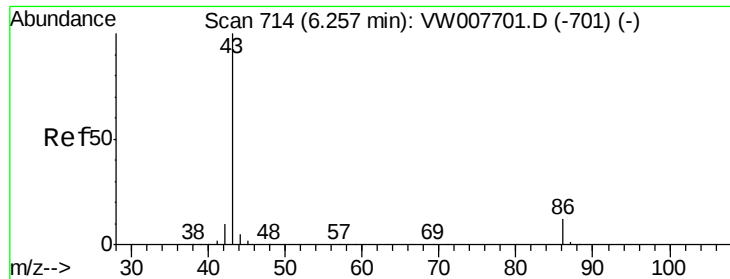
Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion:	45	Resp:	34610
Ion	Ratio	Lower	Upper
45	100		
43	59.6	43.7	65.5
87	36.5	26.6	40.0
59	13.8	10.2	15.2

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.387 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBSD01

Tgt Ion: 43 Resp: 101296

Ion Ratio Lower Upper

43 100

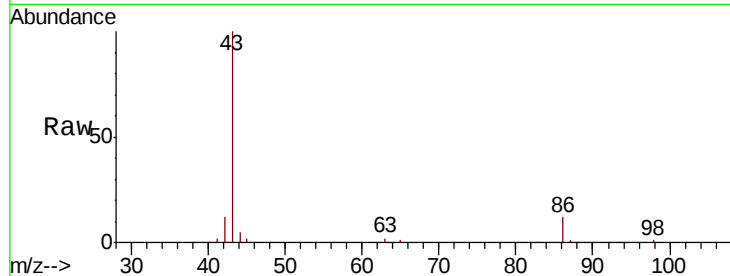
86 12.2 9.6 14.4

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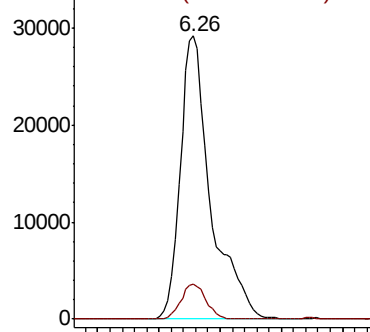
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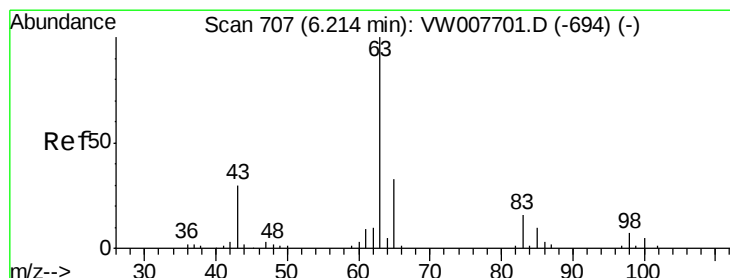
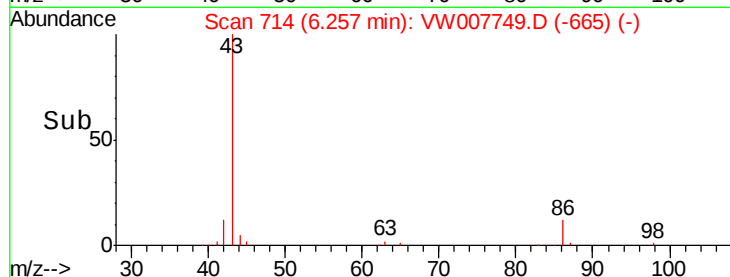


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 20.943 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

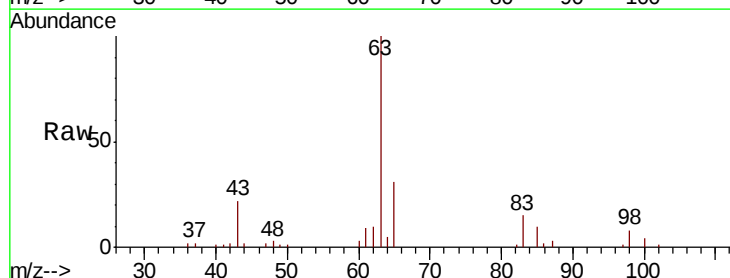
Tgt Ion: 63 Resp: 25908

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

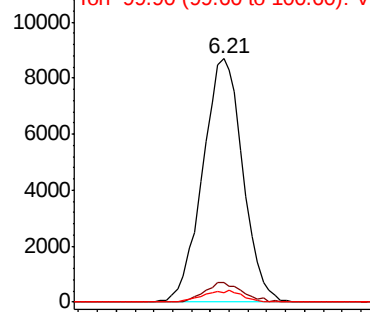
100 4.0 2.5 7.5



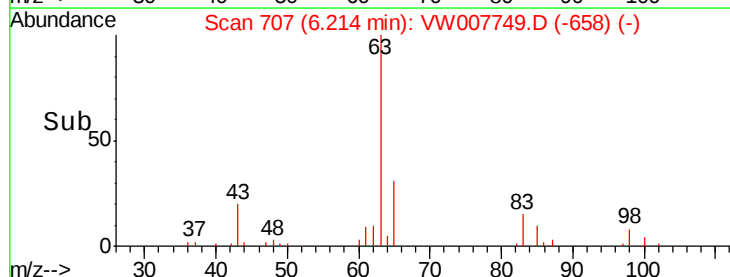
Abundance Ion 62.90 (62.60 to 63.60): VW

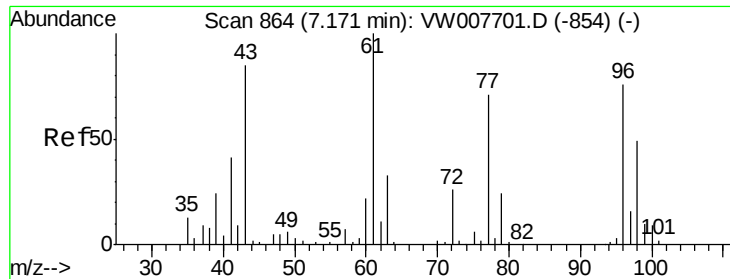
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 96.111 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion: 43 Resp: 16038

Ion Ratio Lower Upper

43 100

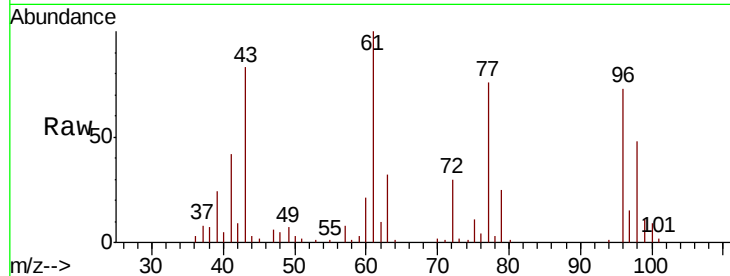
72 35.7 24.5 36.7

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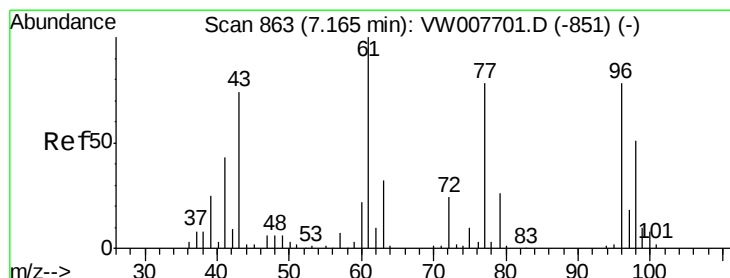
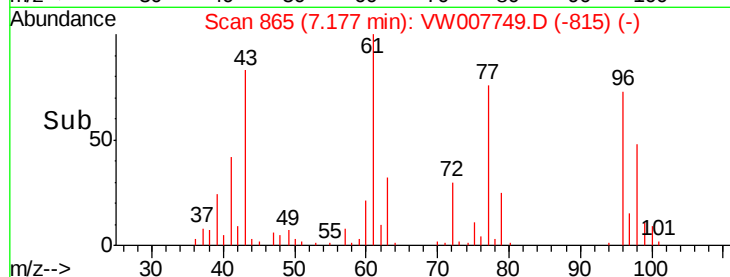
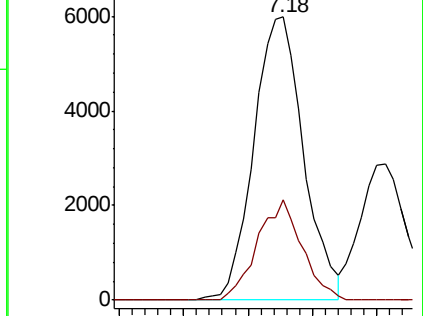
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 21.400 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007749.D

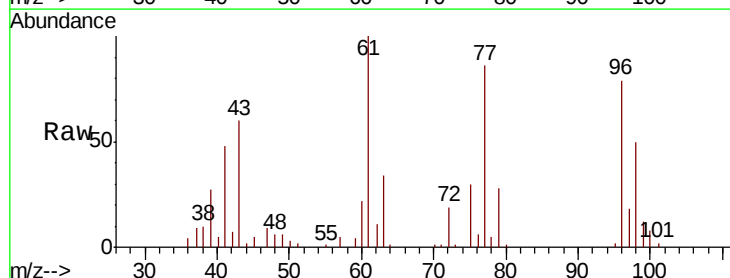
Acq: 20 Dec 2018 16:15

Tgt Ion: 77 Resp: 19373

Ion Ratio Lower Upper

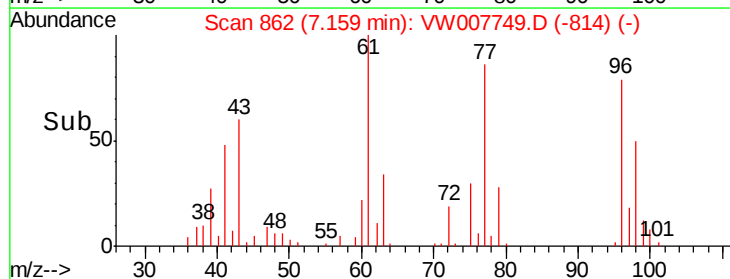
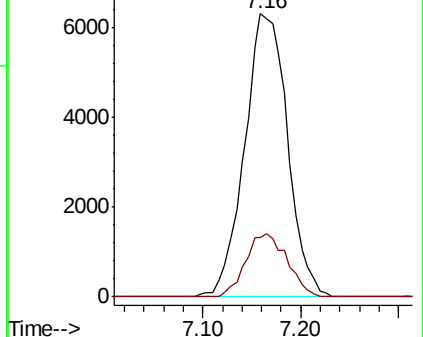
77 100

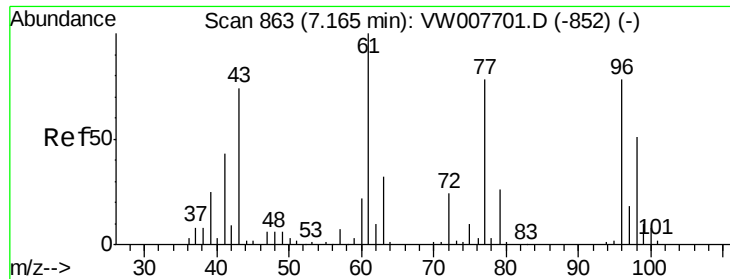
97 21.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

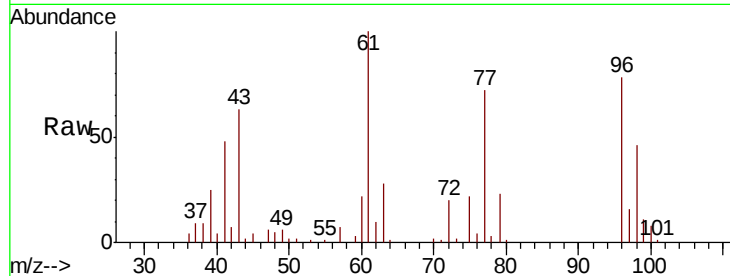
cis-1,2-Dichloroethene
Concen: 20.989 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	271.6
98	65.2	0.0	131.2

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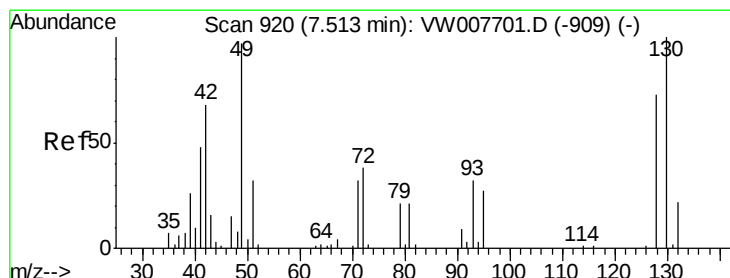
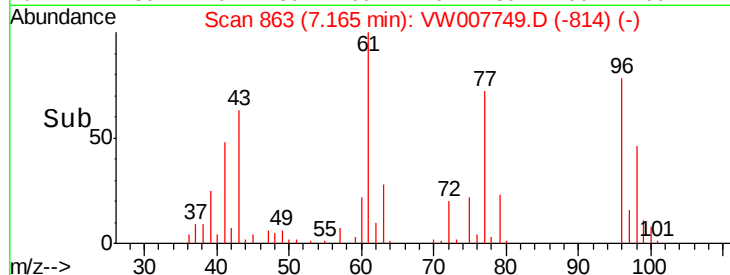
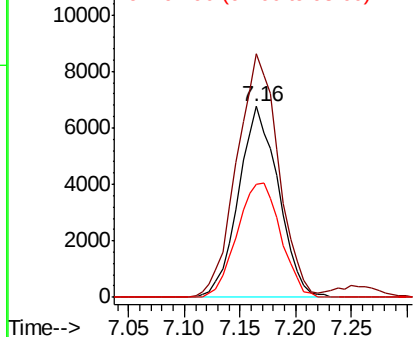


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

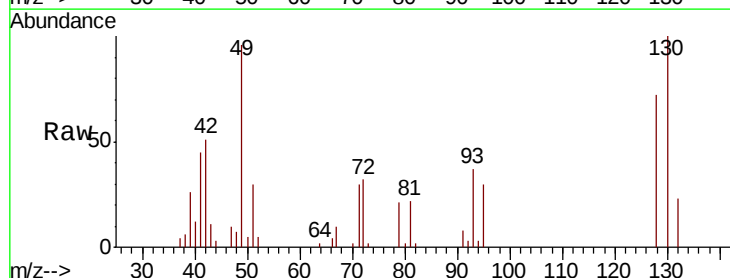
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 19.360 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	2.2
130	105.8	81.5	122.3

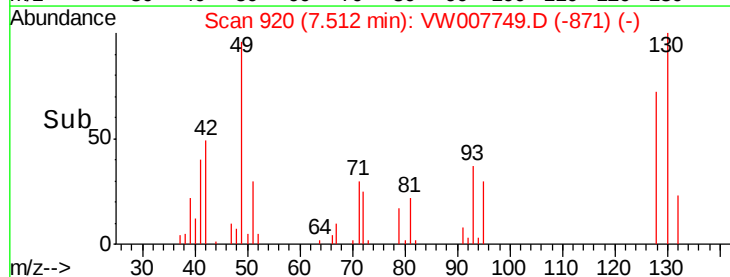
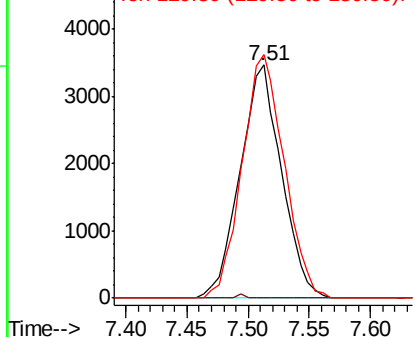


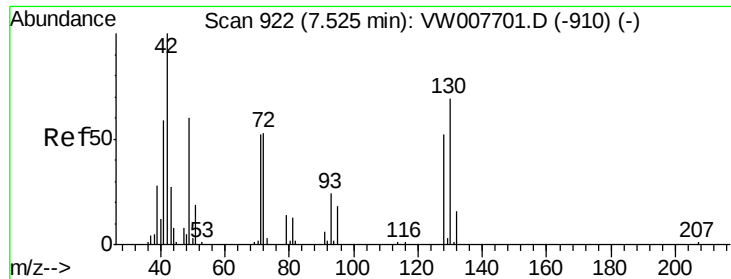
Abundance

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





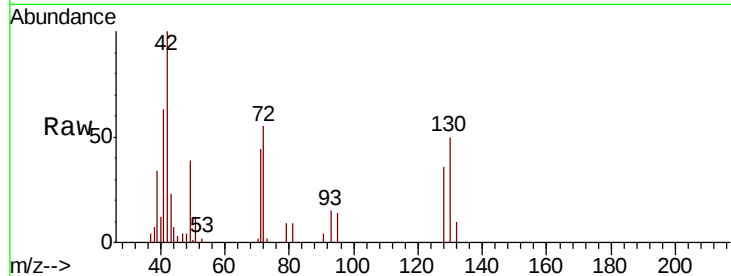
#29
Tetrahydrofuran
Concen: 99.573 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.7	62.5
71	48.3	39.0	58.6

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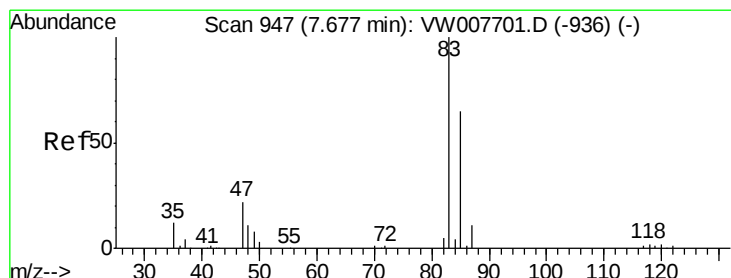
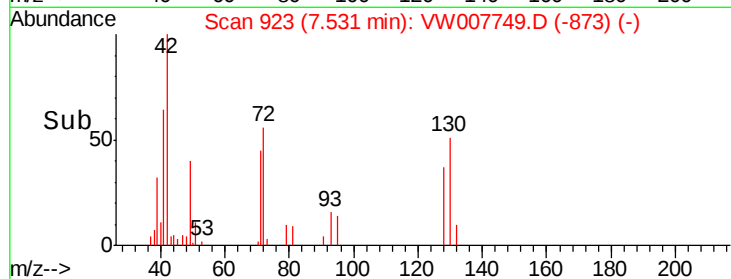
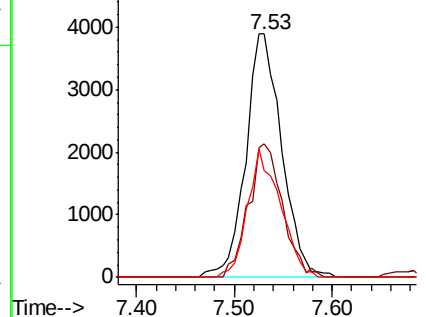


Abundance

Ion 42.00 (41.70 to 42.70): VW

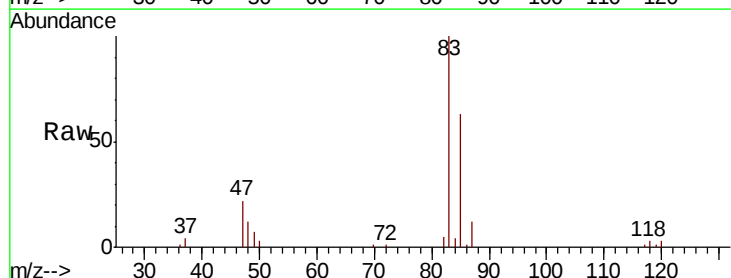
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 20.693 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

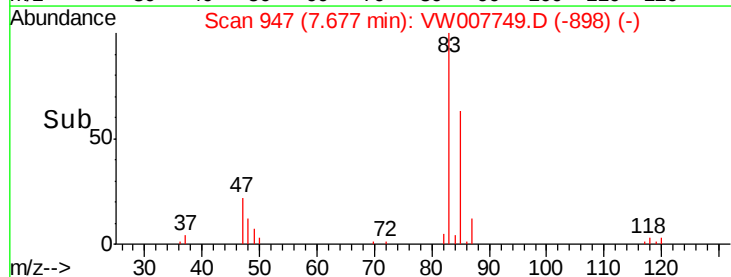
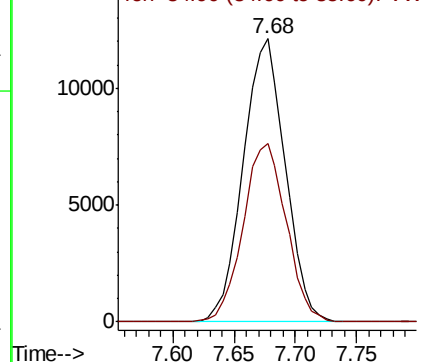
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.2

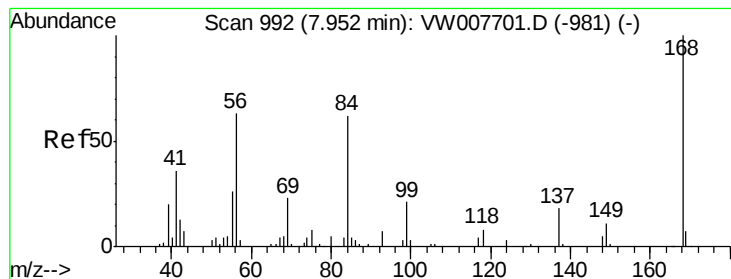


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 20.439 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion: 56 Resp: 23148

Ion Ratio Lower Upper

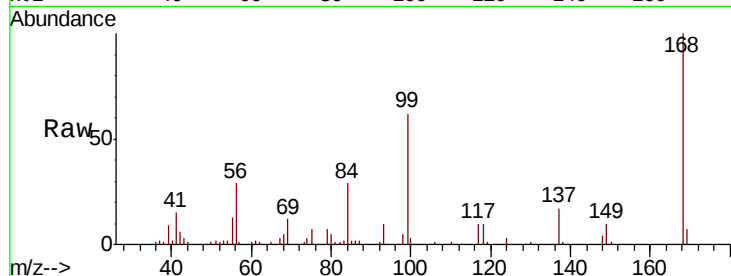
56 100

69 40.8 29.7 44.5

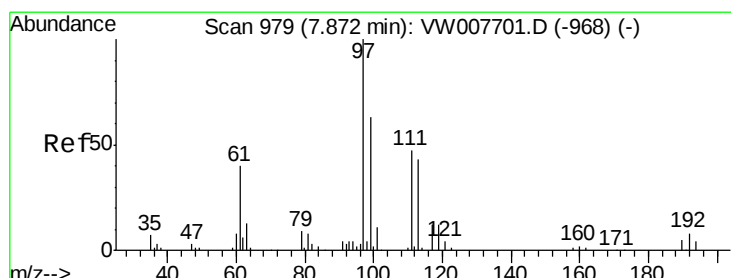
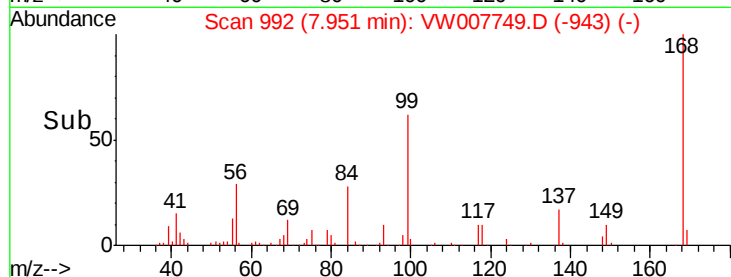
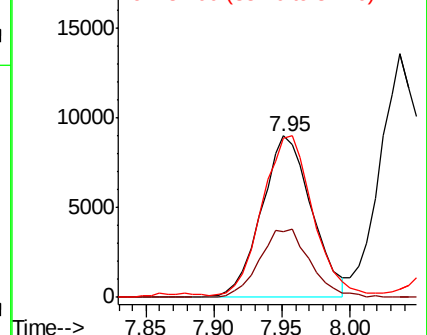
84 97.0 78.9 118.3

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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.469 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

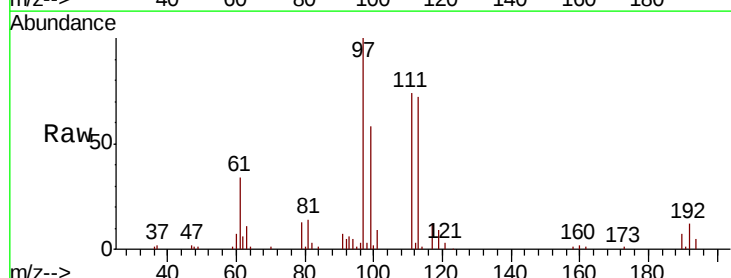
Tgt Ion: 97 Resp: 27374

Ion Ratio Lower Upper

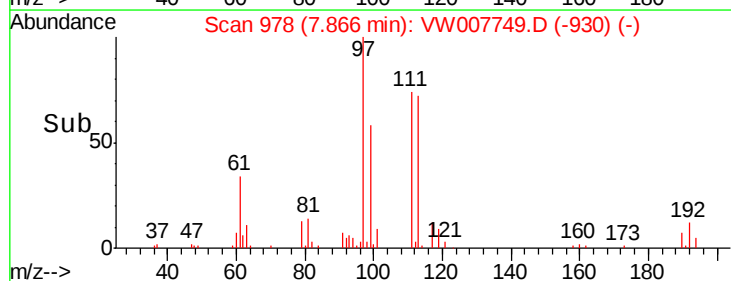
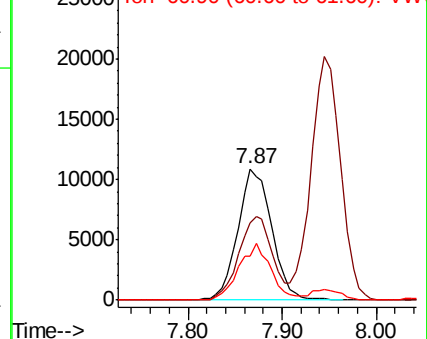
97 100

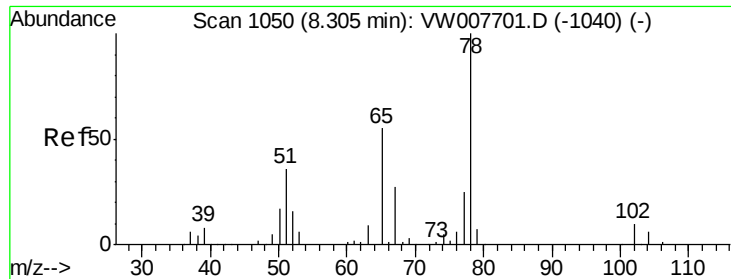
99 64.2 50.6 76.0

61 40.8 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





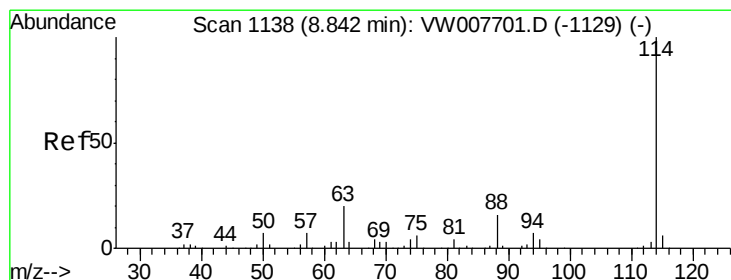
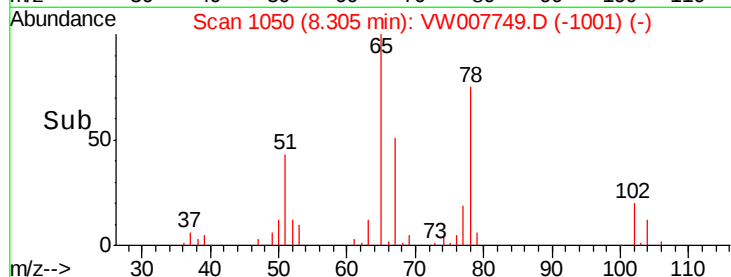
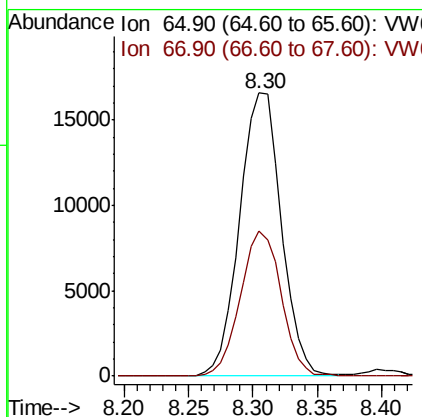
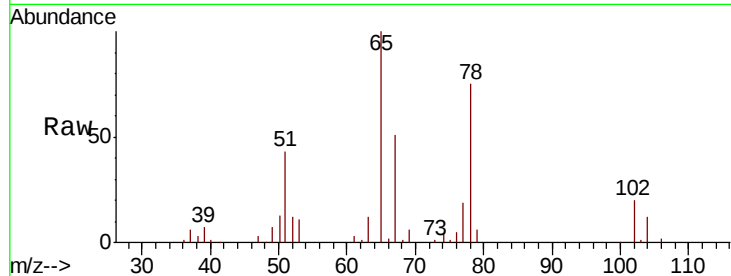
#33
 1,2-Dichloroethane-d4
 Concen: 48.958 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	37247		
67	50.1	0.0	100.6	

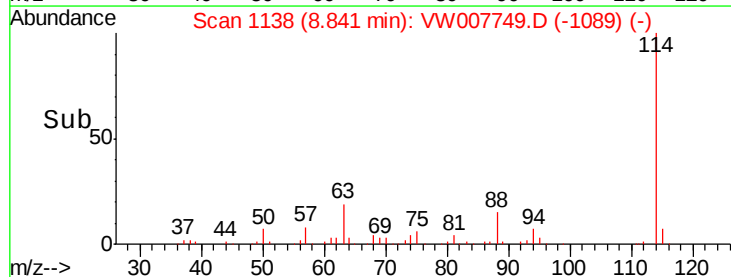
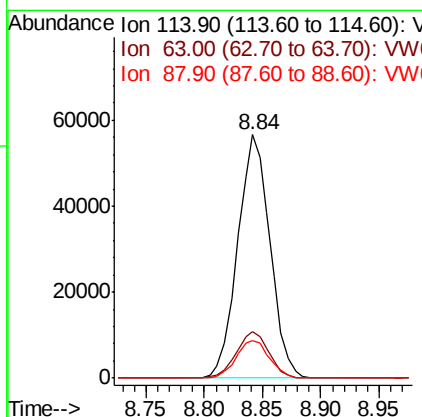
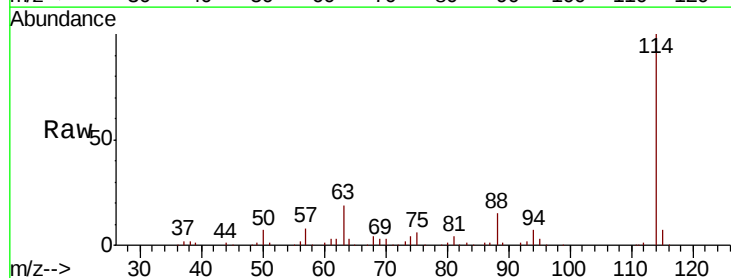
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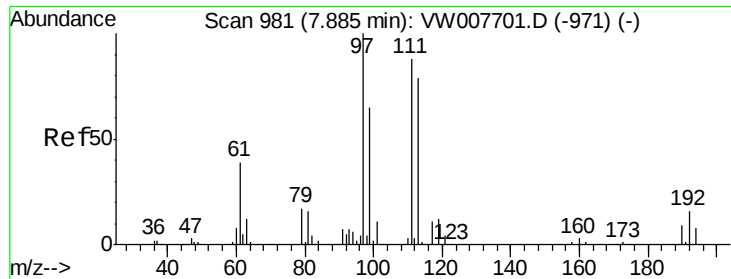
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	109286		
63	19.3	0.0	40.0	
88	15.4	0.0	32.6	





#35

Dibromofluoromethane

Concen: 51.585 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

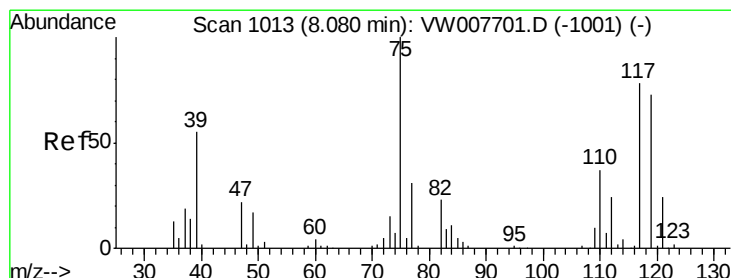
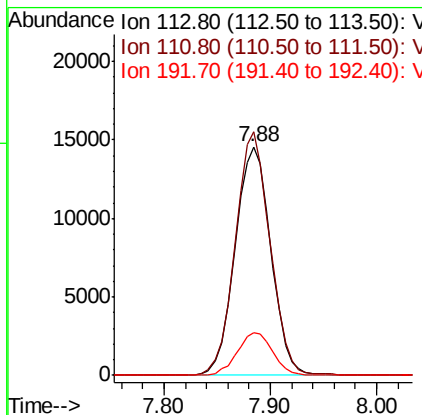
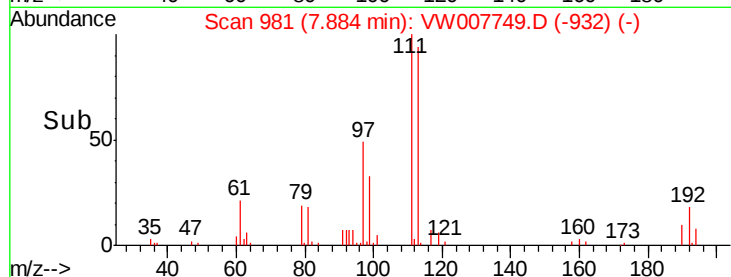
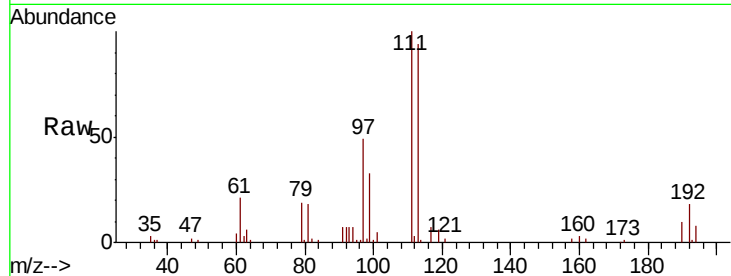
ClientSampleId :

VW1222SBS01

Tgt Ion:	113	Resp:	34392
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	18.4	15.5	23.3

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#36

1,1-Dichloropropene

Concen: 21.246 ug/l

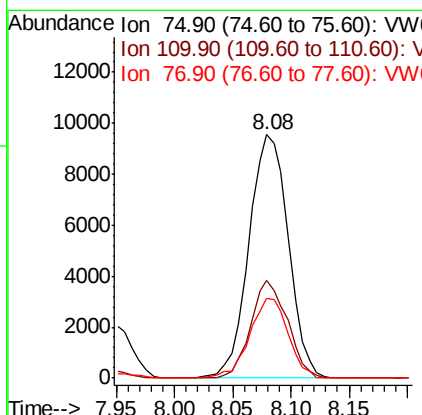
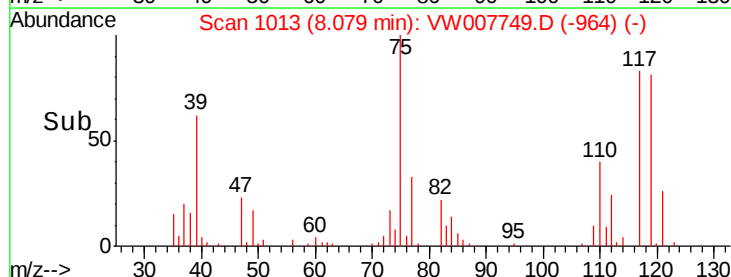
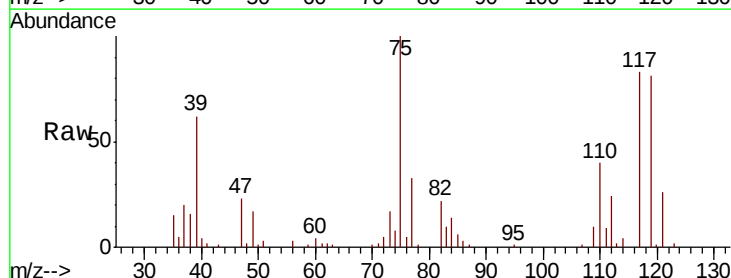
RT: 8.08 min Scan# 1013

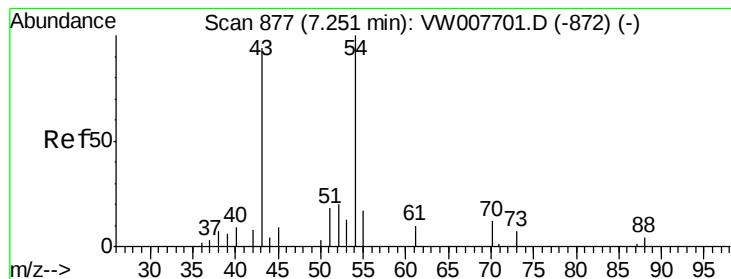
Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion:	75	Resp:	22410
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.6	55.8
77	31.9	25.0	37.4





#37

Ethyl Acetate

Concen: 20.540 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

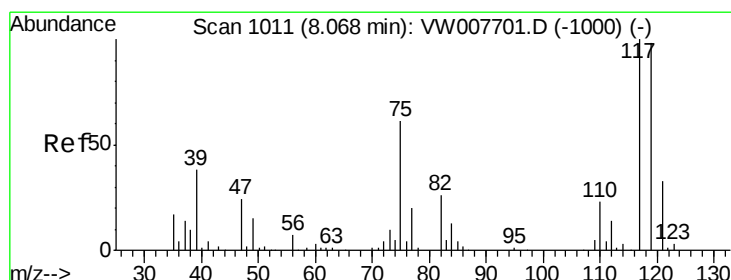
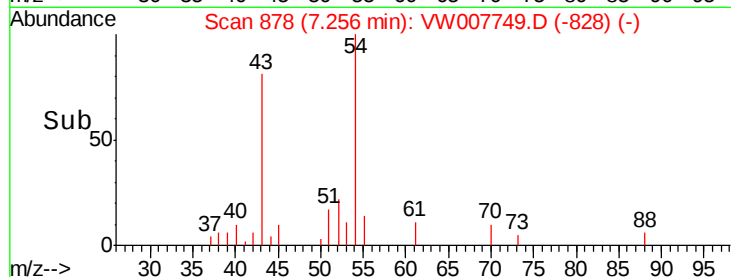
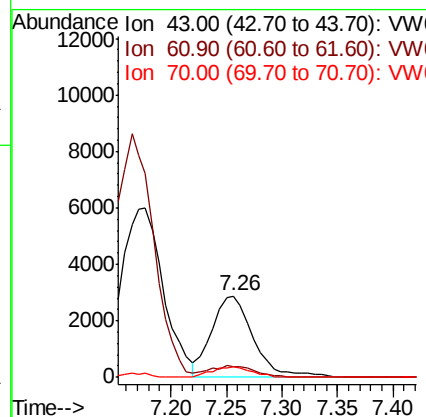
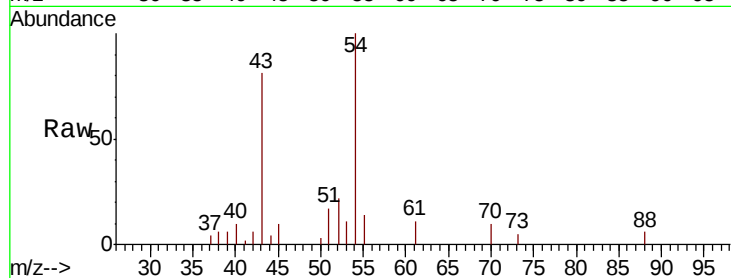
ClientSampleId :

VW1222SBS01

Tgt Ion:	43	Resp:	7477
Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.2	16.8
70	12.4	9.3	13.9

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#38

Carbon Tetrachloride

Concen: 21.308 ug/l

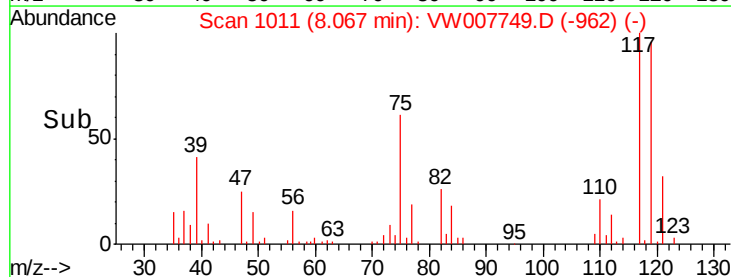
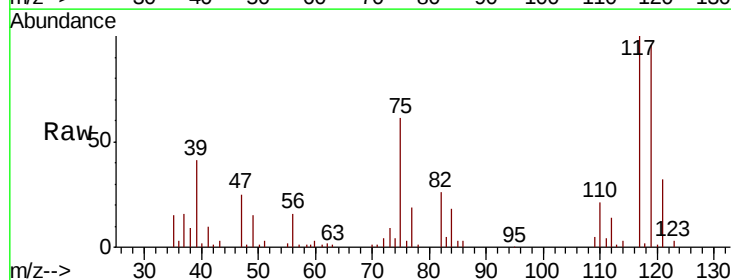
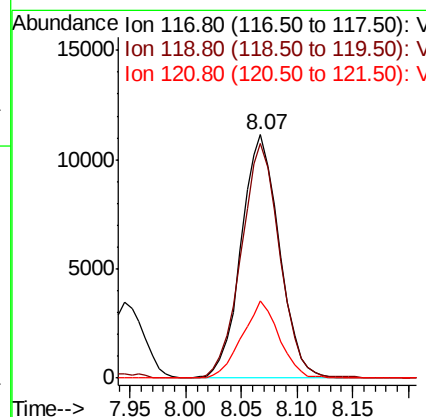
RT: 8.07 min Scan# 1011

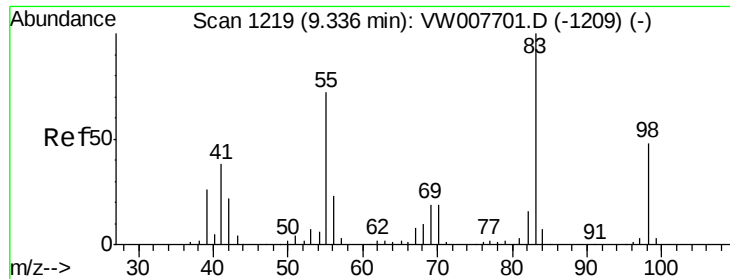
Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion:	117	Resp:	26469
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
121	31.5	26.1	39.1





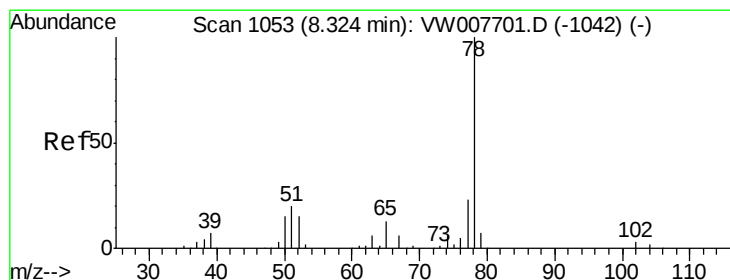
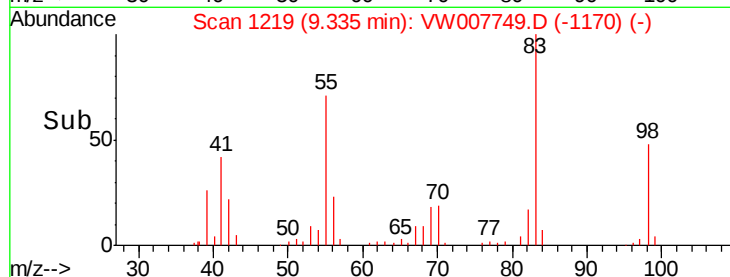
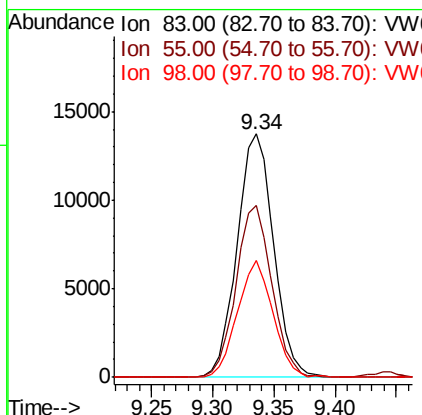
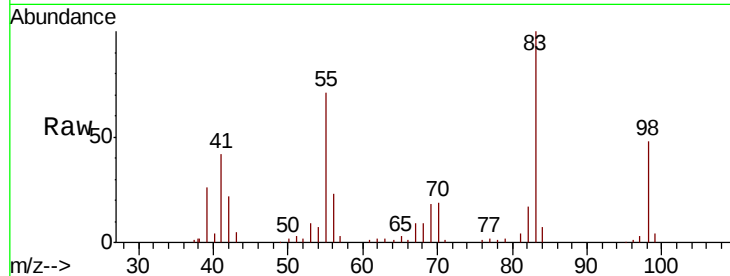
#39
Methylcyclohexane
Concen: 21.740 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.5	57.2	85.8
98	48.2	38.6	58.0

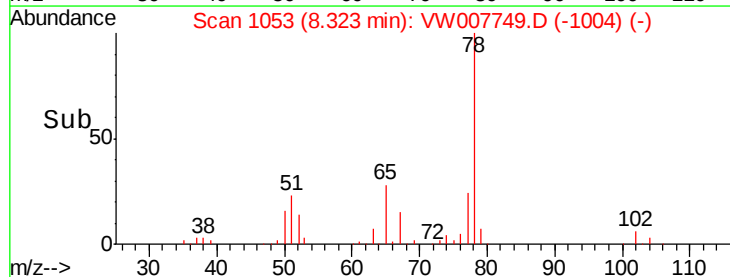
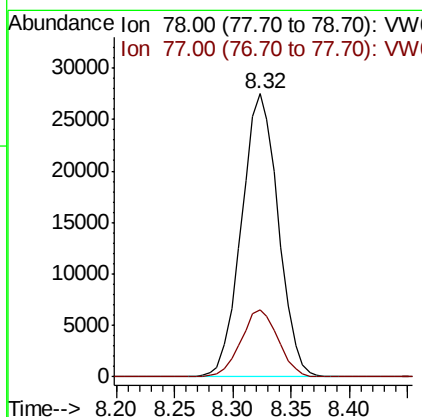
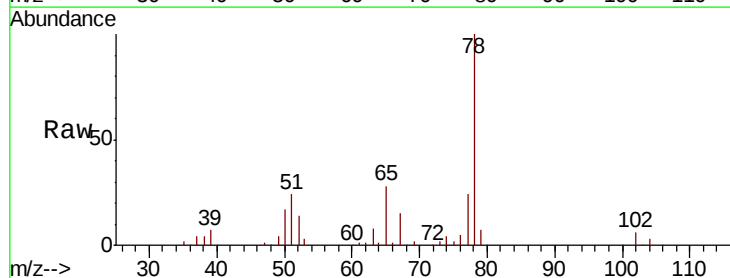
Manual Integrations
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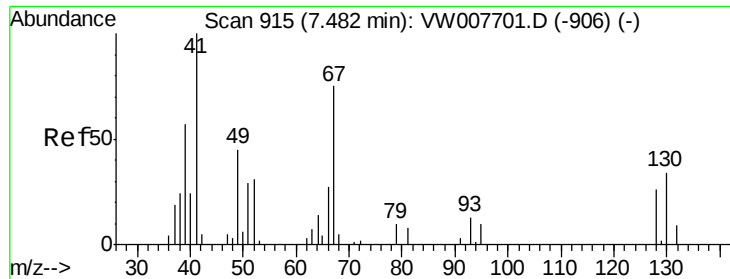
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#40
Benzene
Concen: 21.433 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





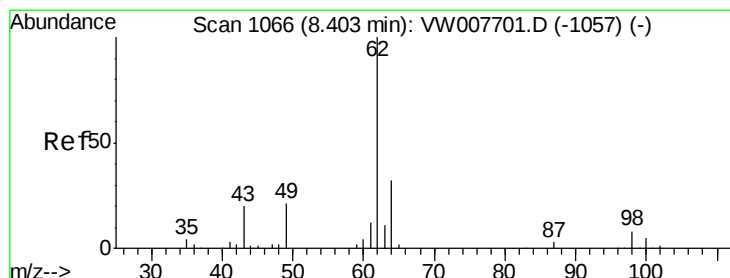
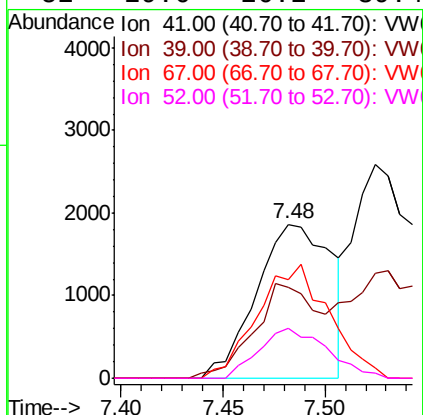
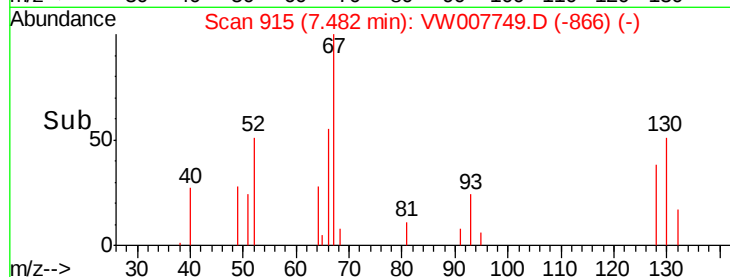
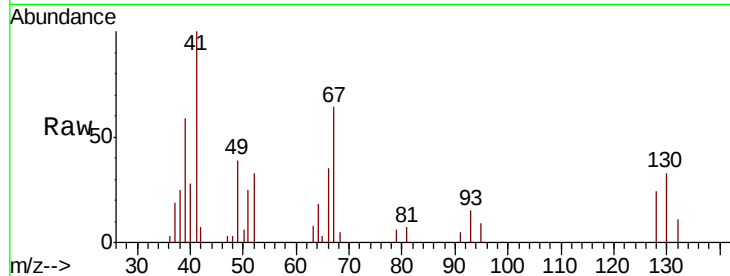
#41
Methacrylonitrile
Concen: 23.113 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.9	54.2	81.4#
67	70.3	65.7	98.5
52	29.6	26.2	39.4

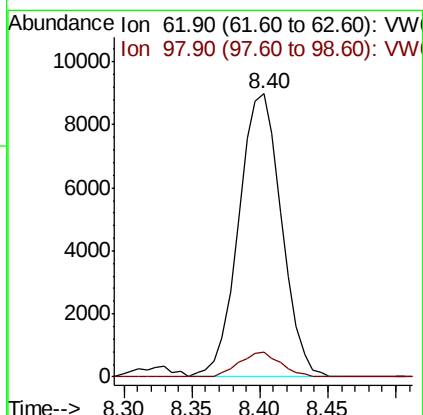
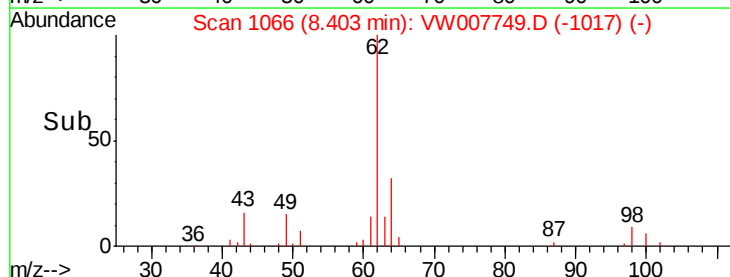
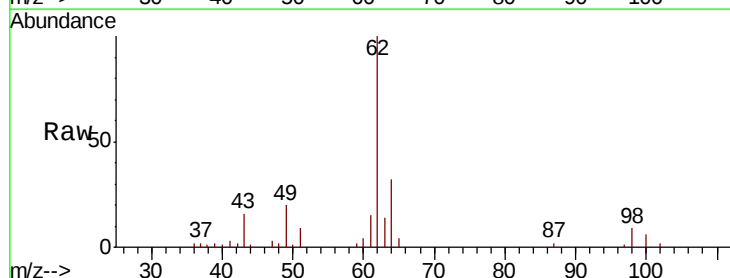
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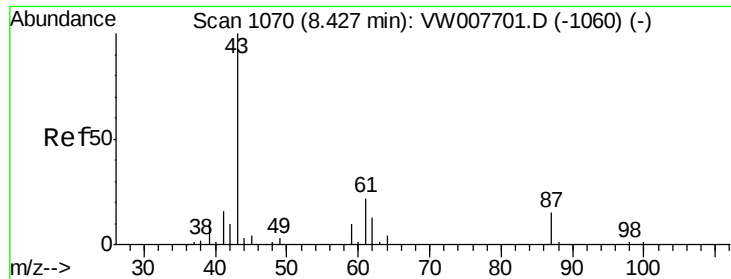
apatel
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#42
1,2-Dichloroethane
Concen: 20.821 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.931 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

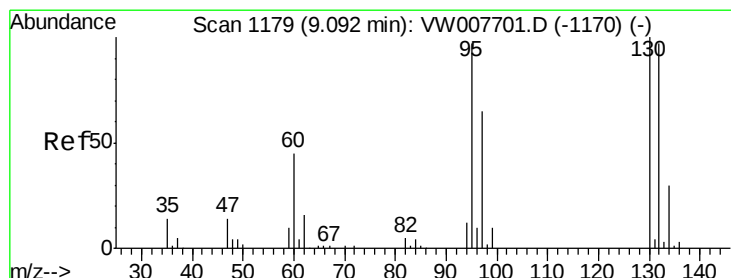
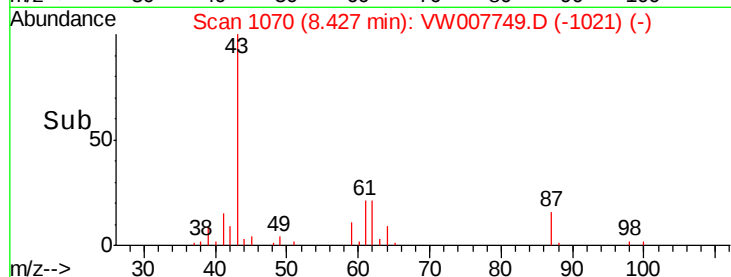
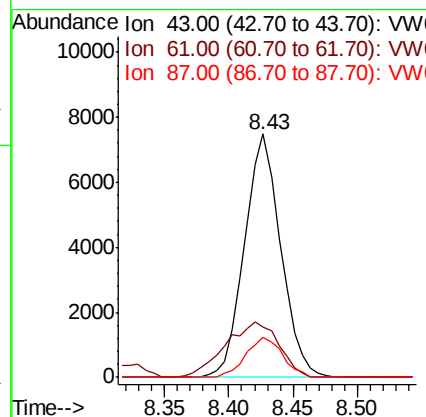
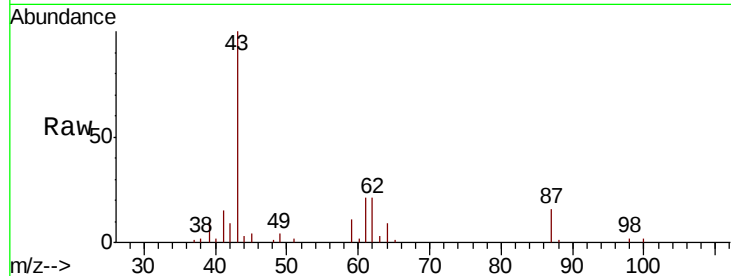
ClientSampleId :

VW1222SBS01

Tgt Ion:	43	Resp:	14536
Ion	Ratio	Lower	Upper
43	100		
61	33.7	26.3	39.5
87	16.4	12.0	18.0

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#44

Trichloroethene

Concen: 21.259 ug/l

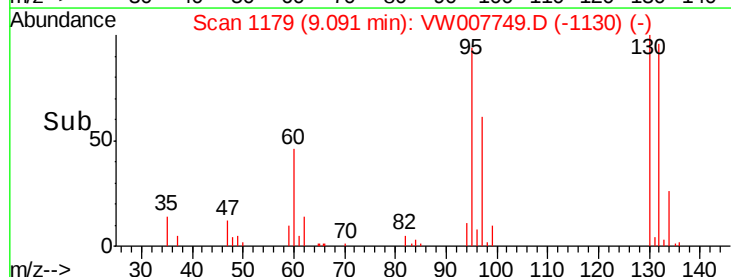
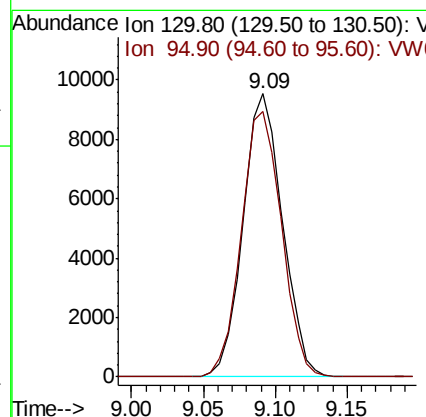
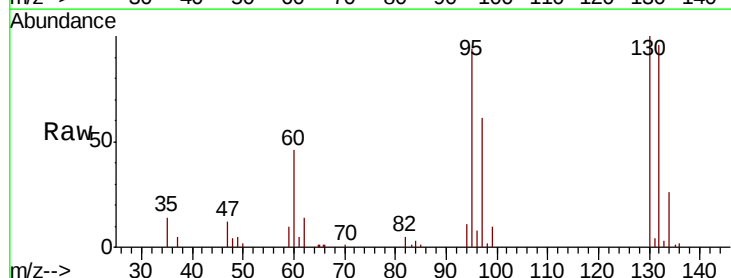
RT: 9.09 min Scan# 1179

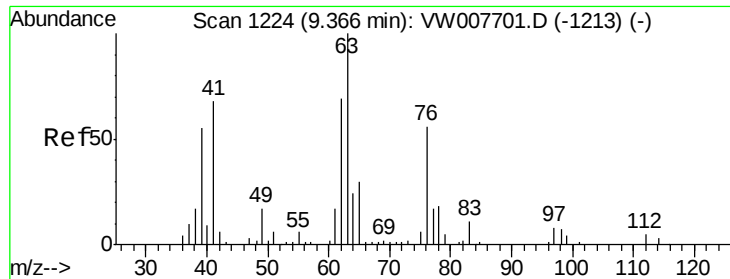
Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion:	130	Resp:	18096
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	194.8





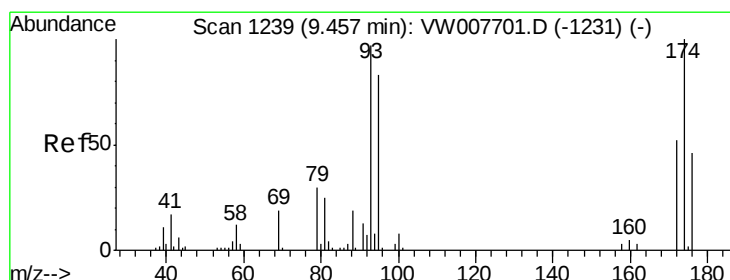
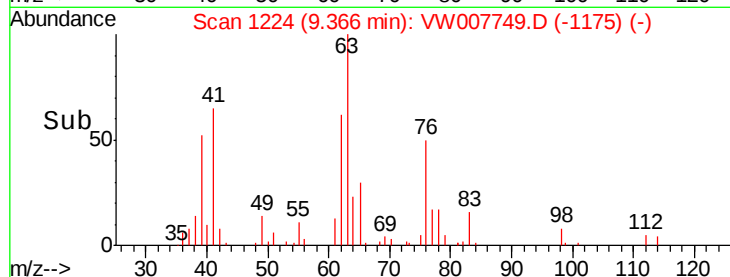
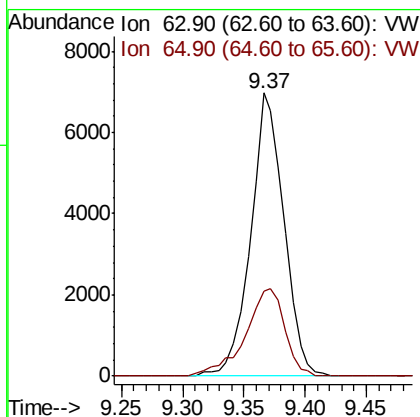
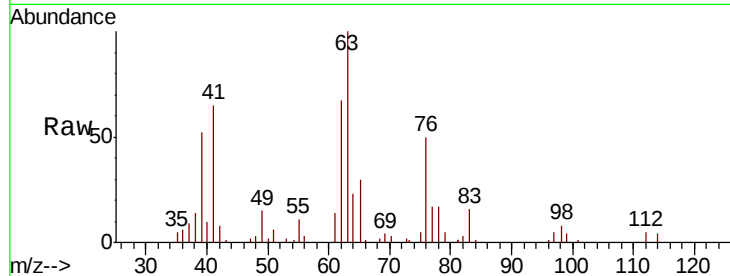
#45
 1,2-Dichloropropane
 Concen: 21.088 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion: 63 Resp: 13171
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.8 35.8

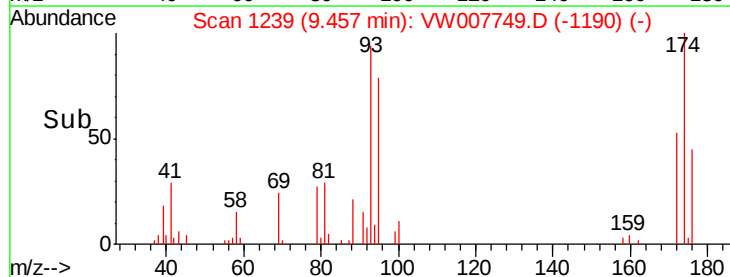
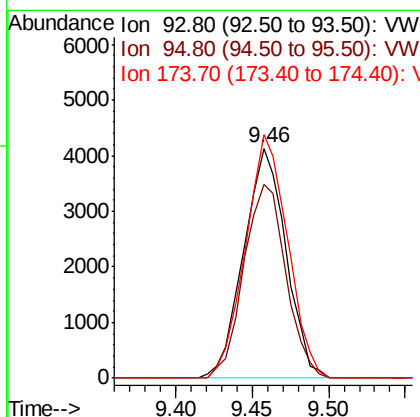
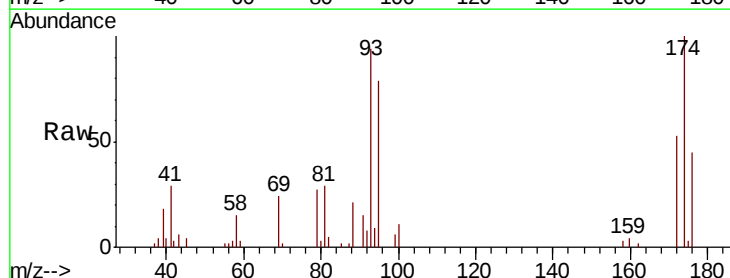
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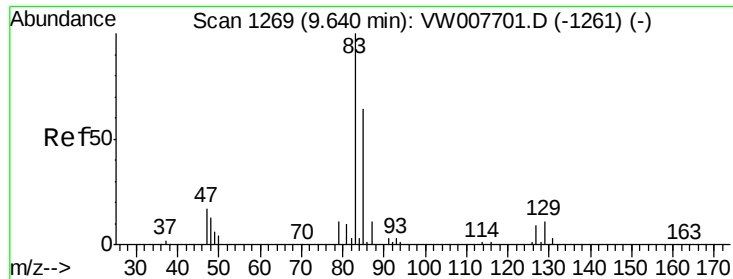
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#46
 Dibromomethane
 Concen: 20.639 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion: 93 Resp: 7935
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.5 101.3
 174 105.5 83.9 125.9





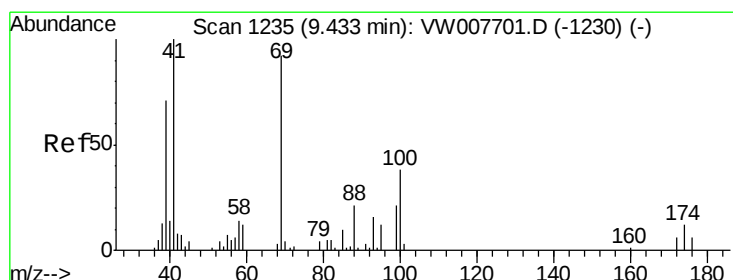
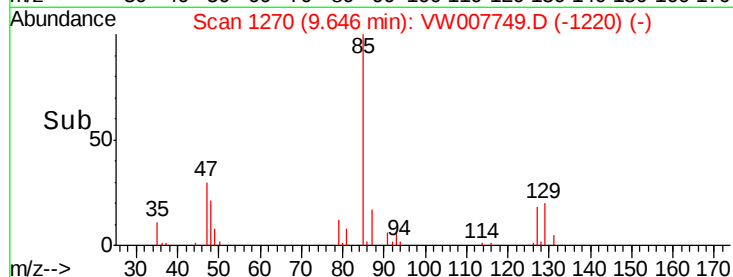
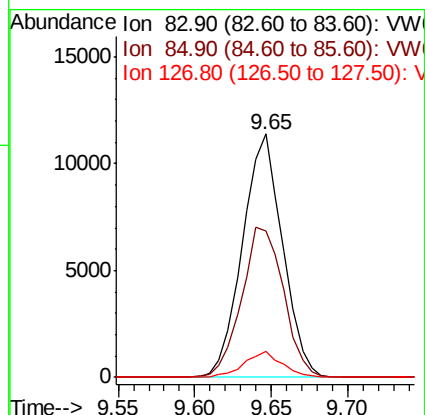
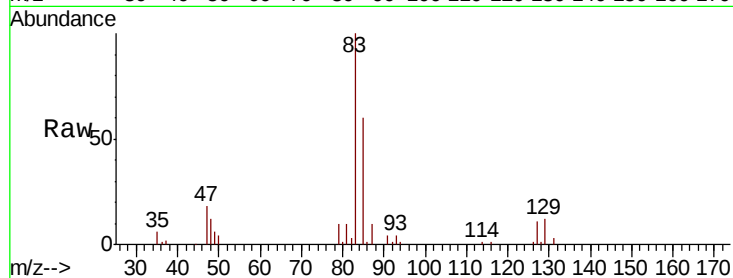
#47
Bromodichloromethane
Concen: 20.509 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.4	77.0
127	10.6	7.5	11.3

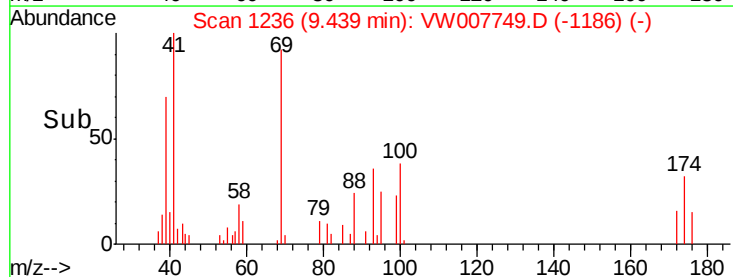
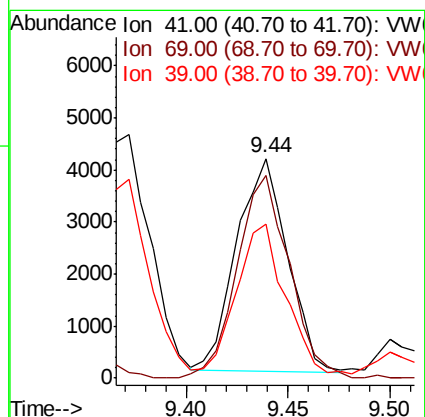
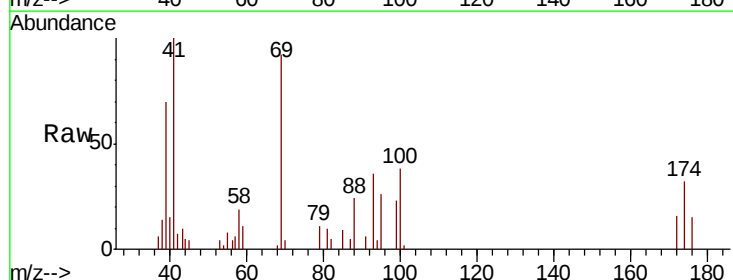
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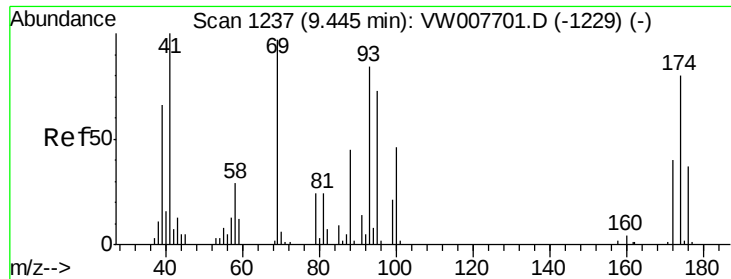
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#48
Methyl methacrylate
Concen: 19.487 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.3	74.2	111.2
39	72.4	53.9	80.9





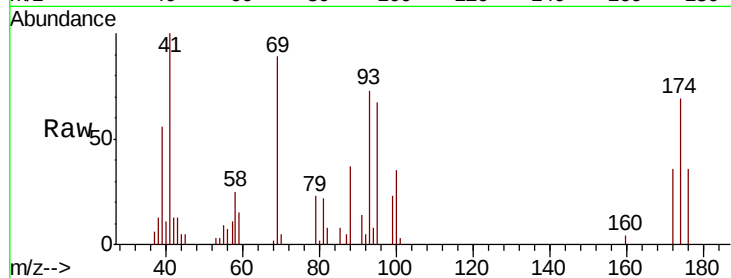
#49
 1,4-Dioxane
 Concen: 392.585 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.5	25.6	38.4
58	68.7	52.3	78.5

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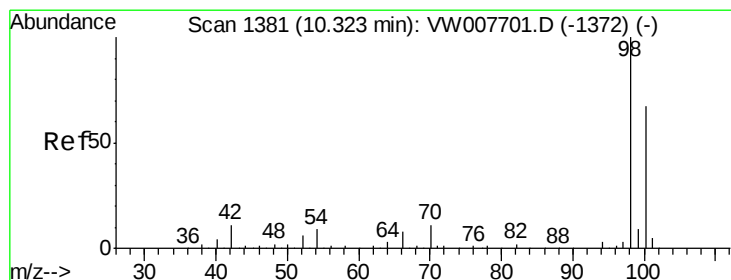
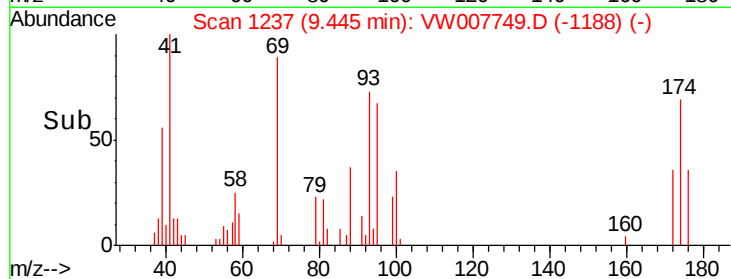
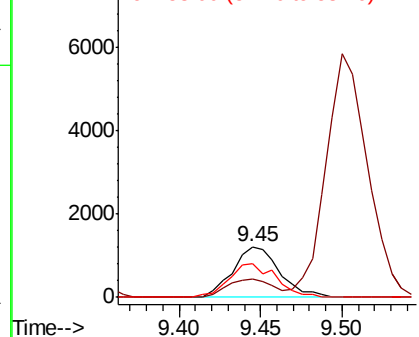


Abundance

Ion 88.00 (87.70 to 88.70): VW

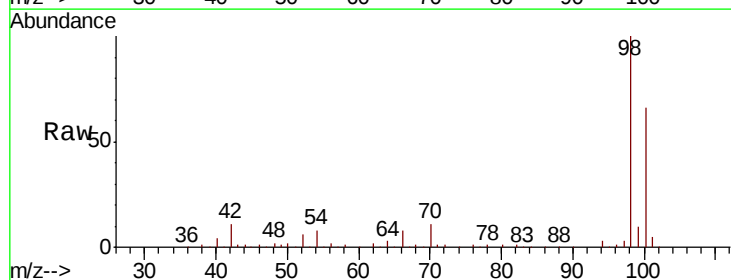
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 51.993 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

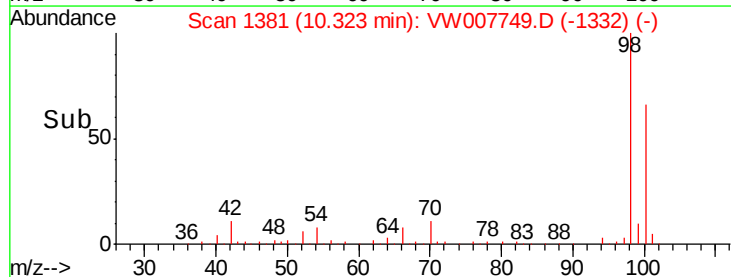
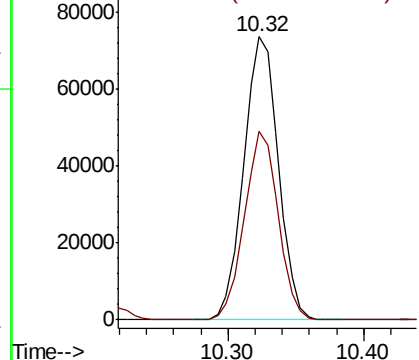
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

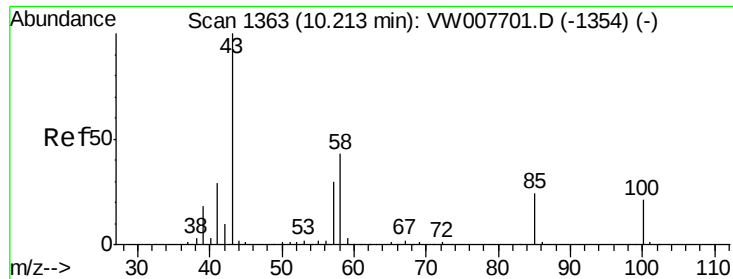


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





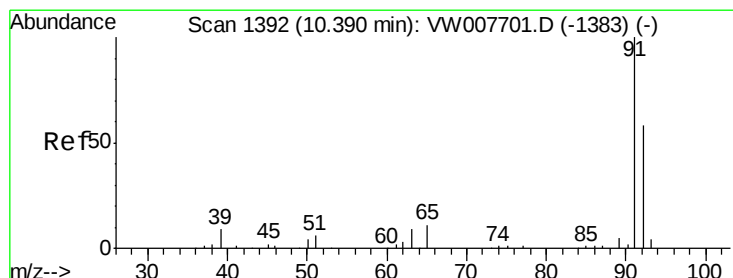
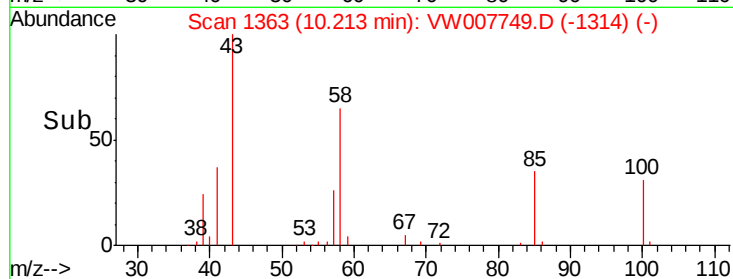
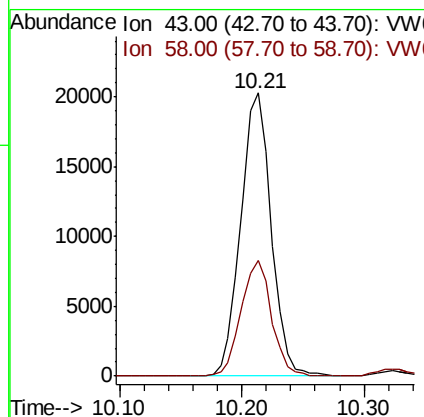
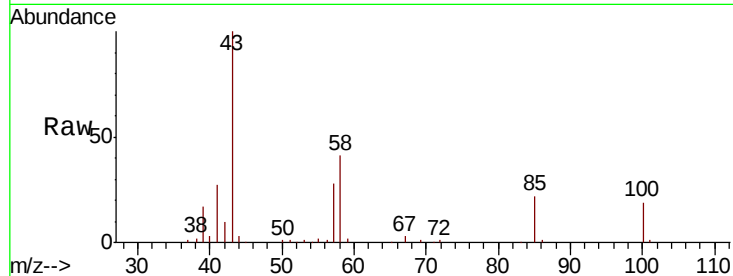
#51
 4-Methyl-2-Pentanone
 Concen: 101.650 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion: 43 Resp: 35036
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.2 49.8

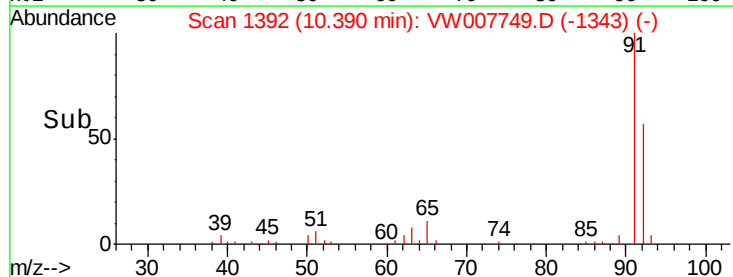
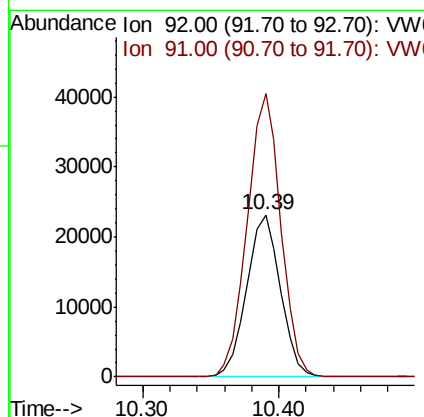
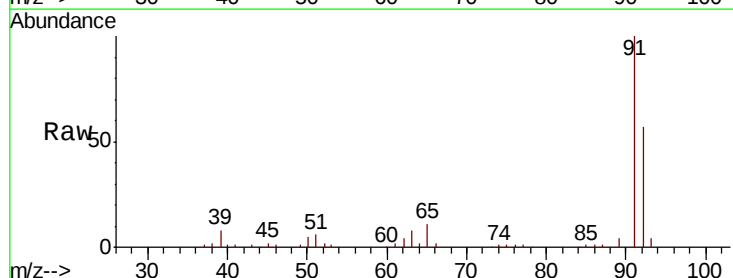
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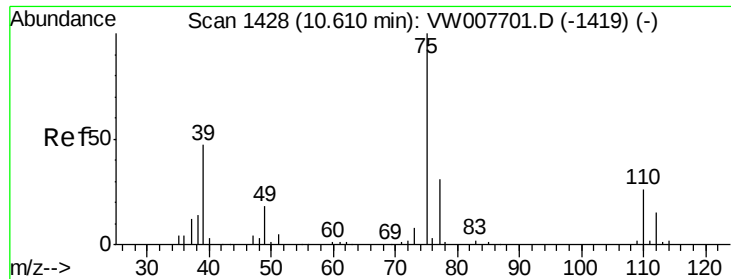
apatel
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#52
 Toluene
 Concen: 21.253 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion: 92 Resp: 40137
 Ion Ratio Lower Upper
 92 100
 91 174.0 137.0 205.4





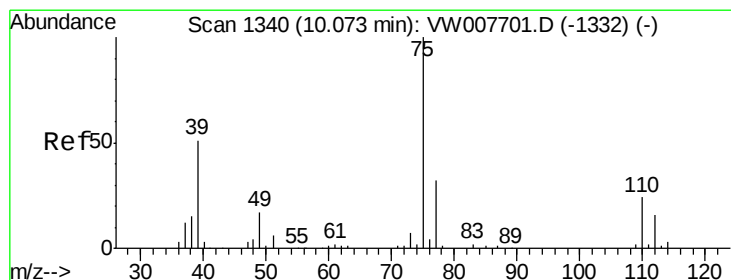
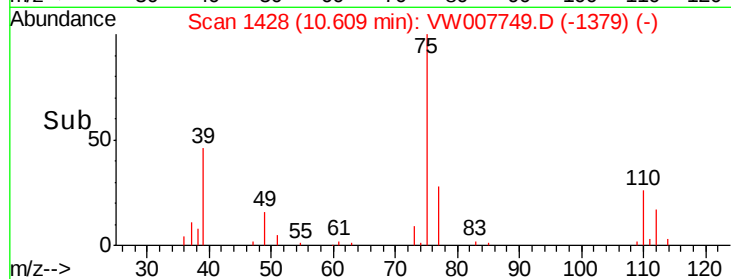
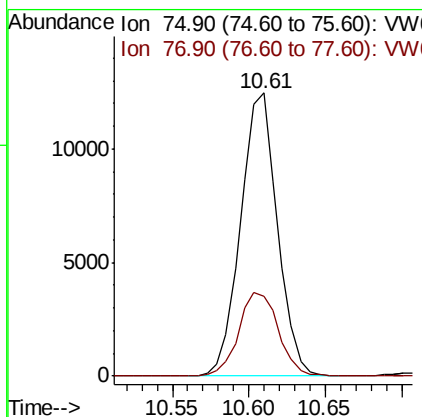
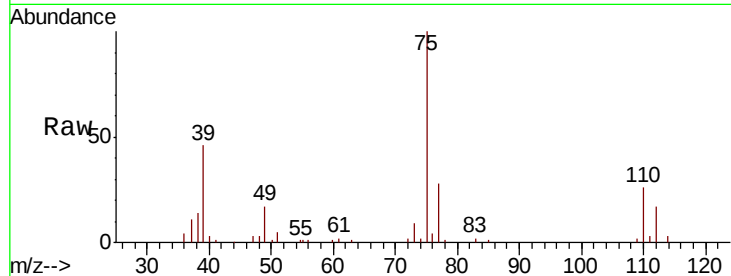
#53
 t-1,3-Dichloropropene
 Concen: 20.666 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion: 75 Resp: 20776
 Ion Ratio Lower Upper
 75 100
 77 28.3 25.2 37.8

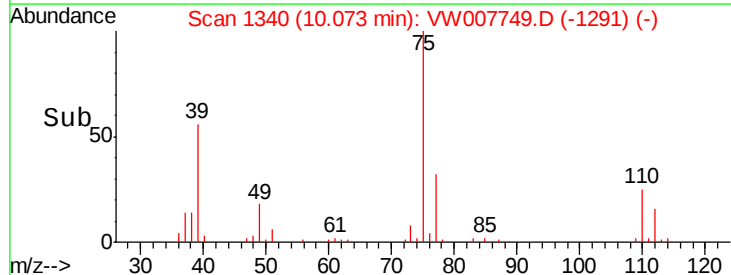
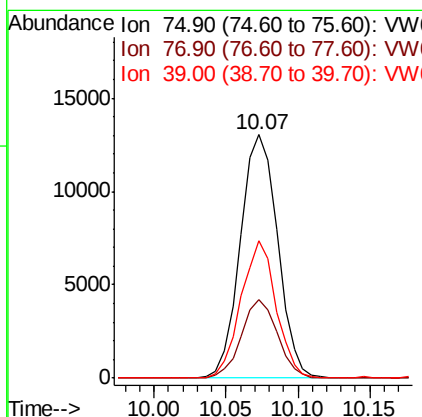
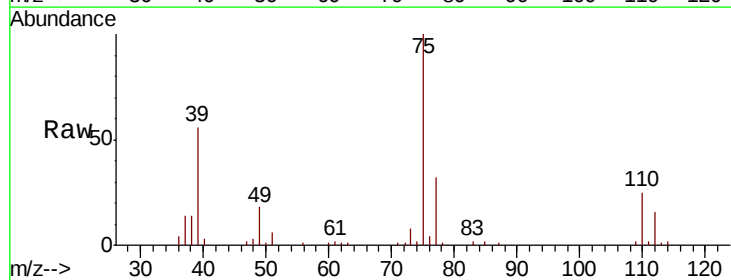
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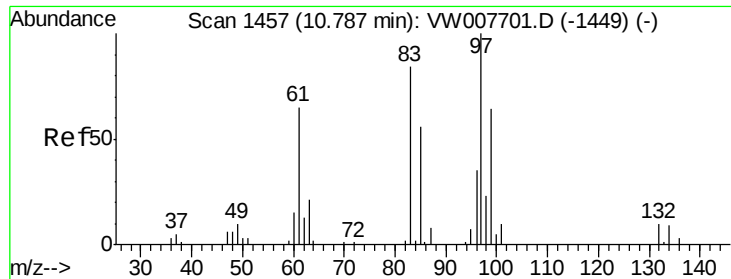
apatel
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#54
 cis-1,3-Dichloropropene
 Concen: 21.080 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion: 75 Resp: 23409
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 56.3 41.2 61.8





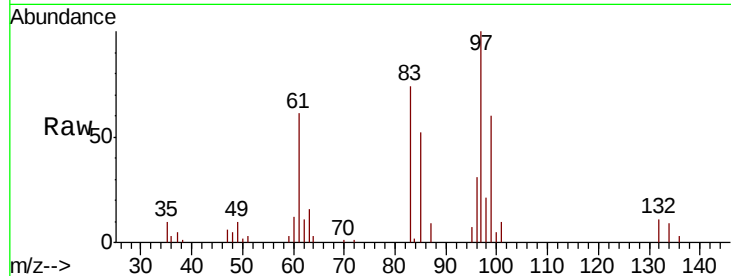
#55
 1,1,2-Trichloroethane
 Concen: 20.879 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

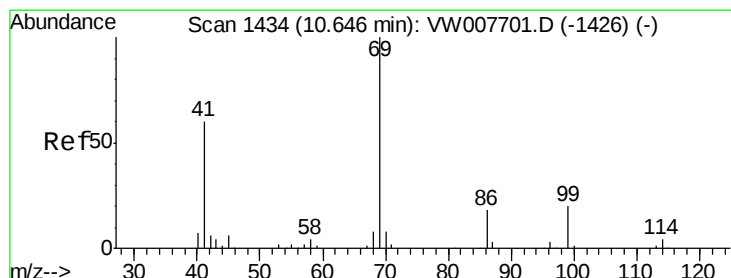
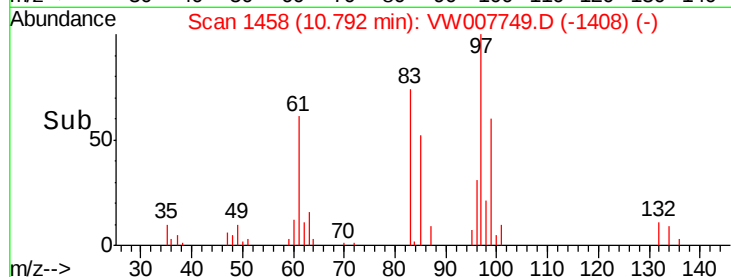
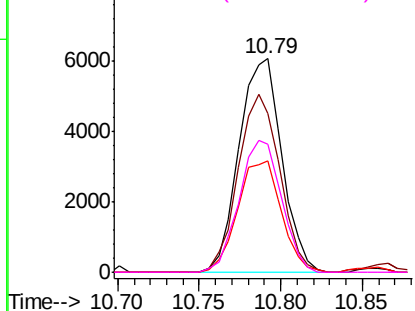
Tgt Ion:	97	Resp:	11066
Ion	Ratio	Lower	Upper
97	100		
83	74.5	67.5	101.3
85	52.2	44.8	67.2
99	59.9	51.0	76.4

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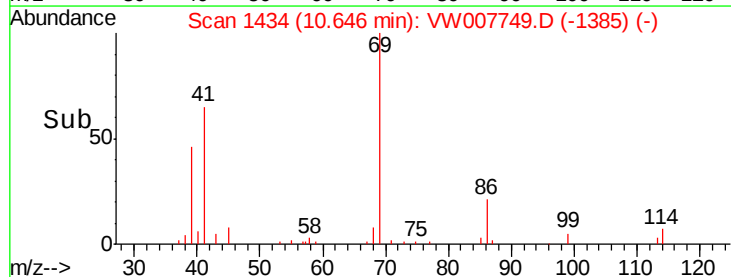
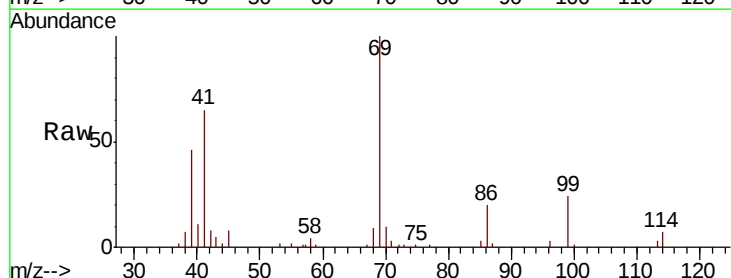
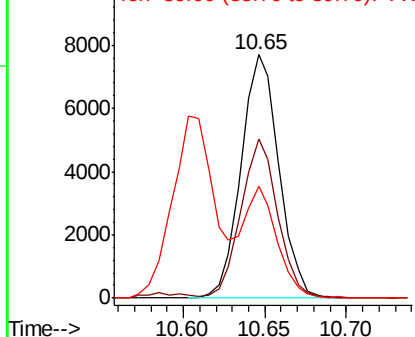
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

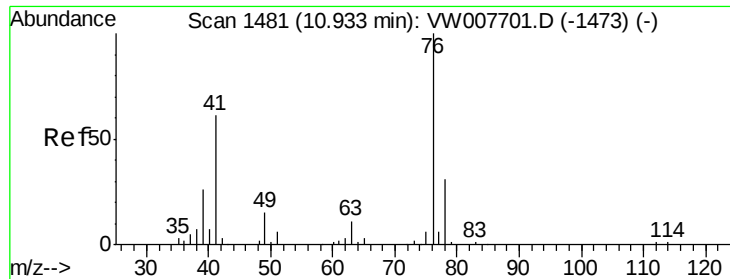


#56
 Ethyl methacrylate
 Concen: 19.805 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion:	69	Resp:	12402
Ion	Ratio	Lower	Upper
69	100		
41	64.1	48.9	73.3
39	42.5	31.3	46.9

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





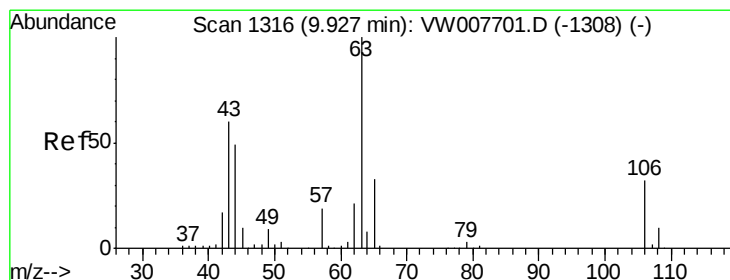
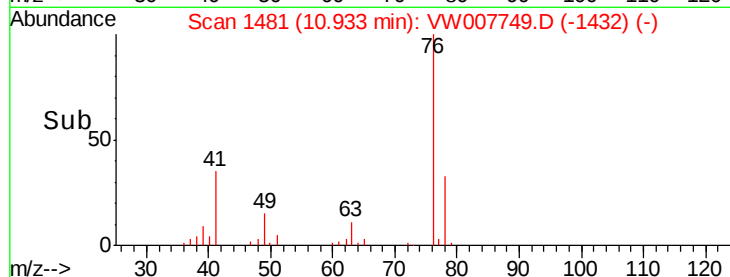
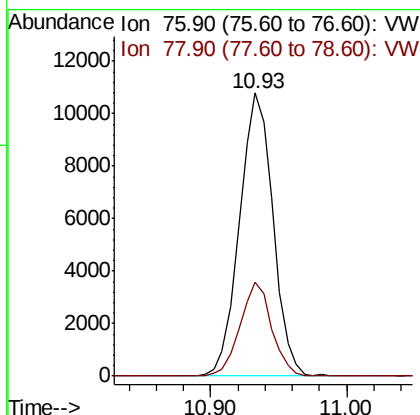
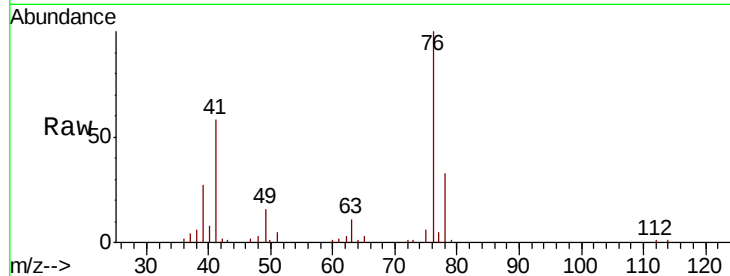
#57
 1,3-Dichloropropane
 Concen: 21.039 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion: 76 Resp: 18517
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.2

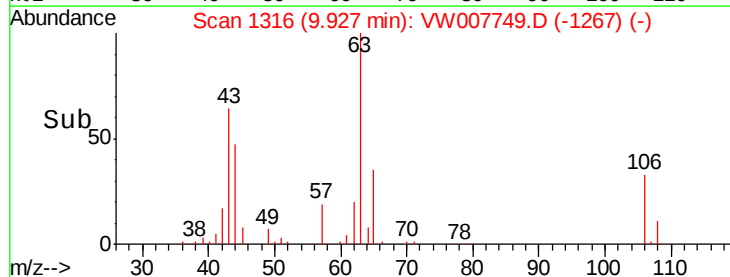
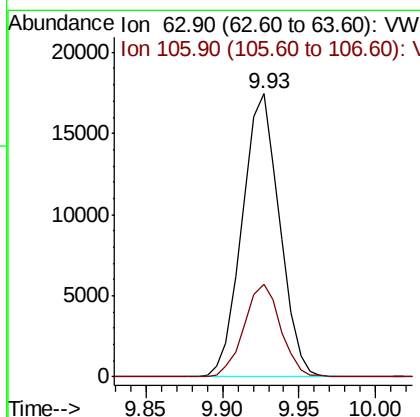
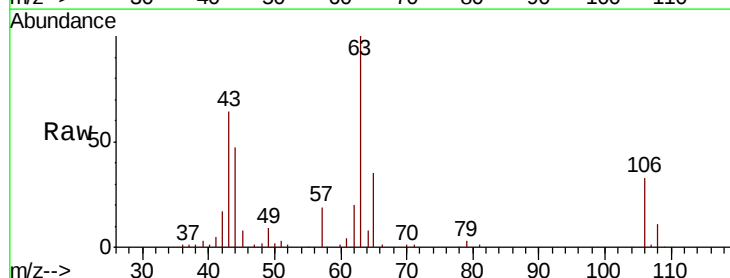
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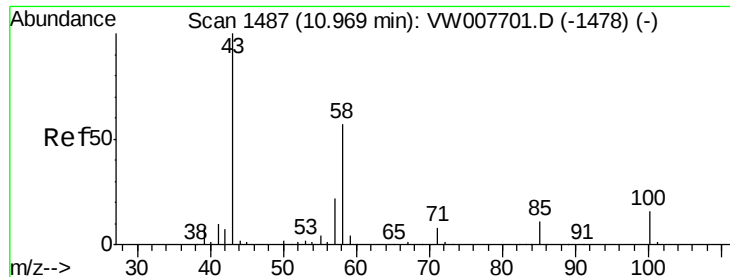
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.734 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion: 63 Resp: 29659
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.9 38.9





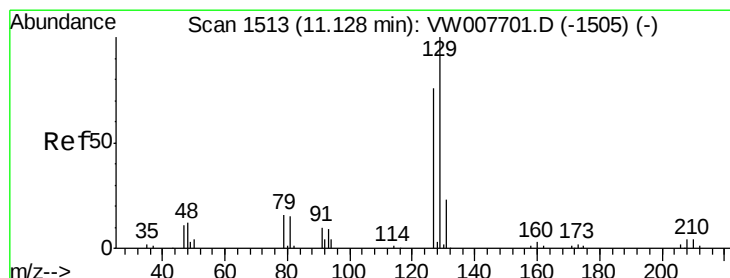
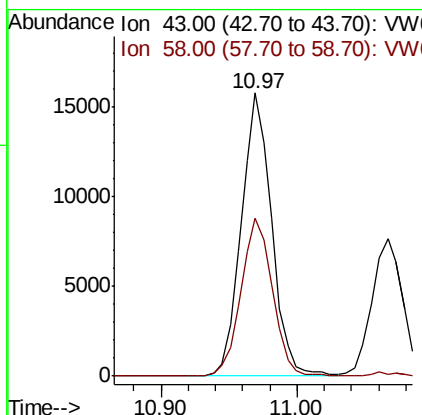
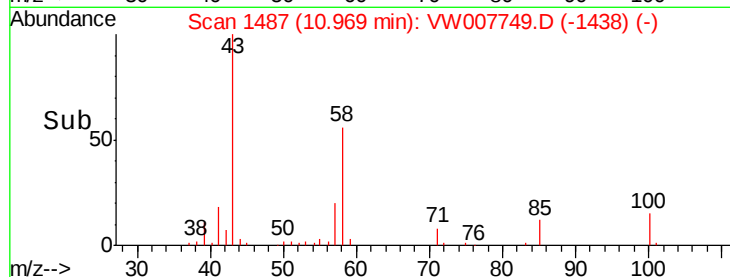
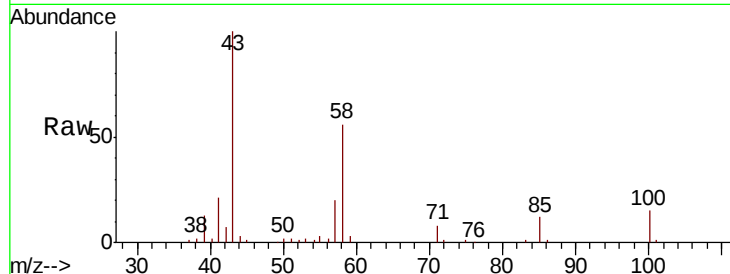
#59
2-Hexanone
Concen: 101.503 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion: 43 Resp: 24604
Ion Ratio Lower Upper
43 100
58 57.5 27.7 83.1

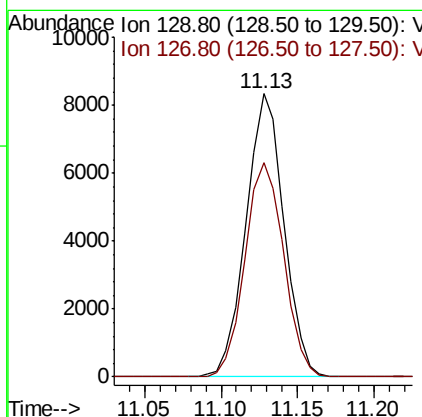
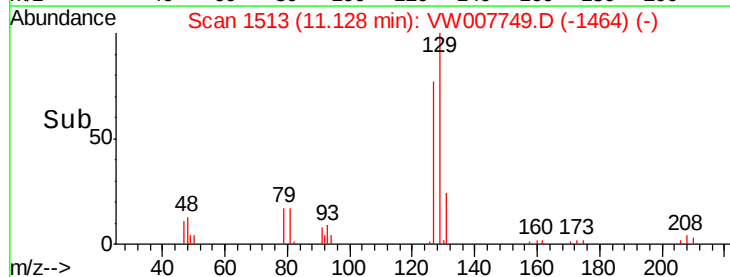
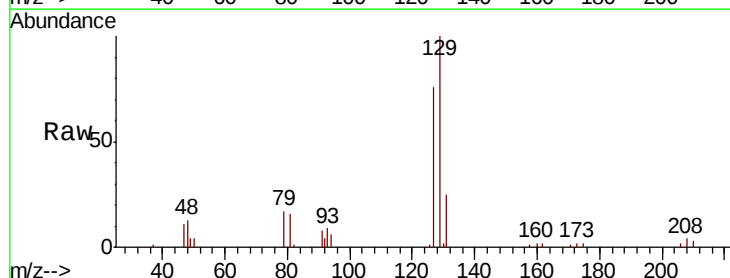
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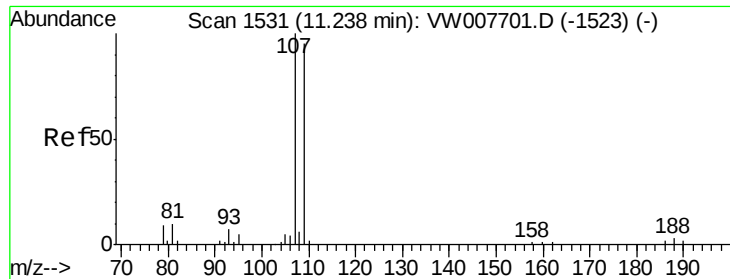
apatel
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#60
Dibromochloromethane
Concen: 20.455 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion: 129 Resp: 14355
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





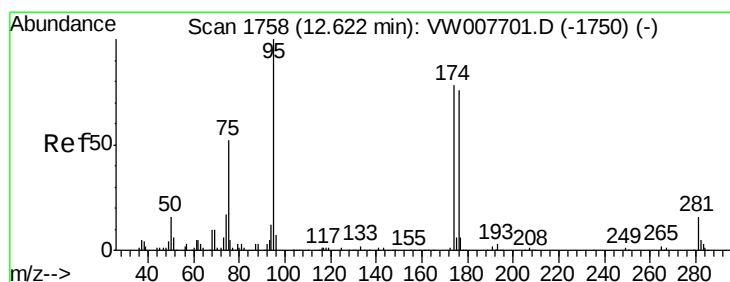
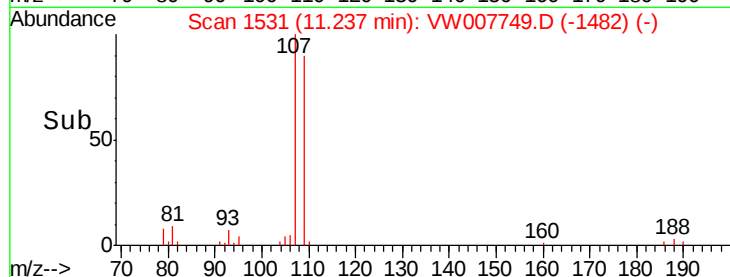
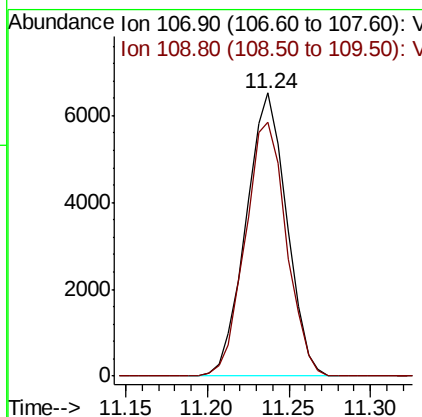
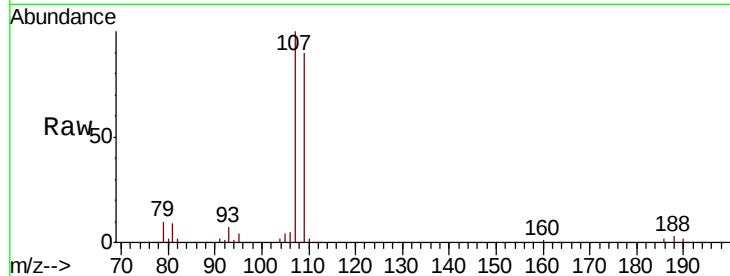
#61
 1,2-Dibromoethane
 Concen: 21.078 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion: 107 Resp: 11313
 Ion Ratio Lower Upper
 107 100
 109 90.6 75.4 113.0

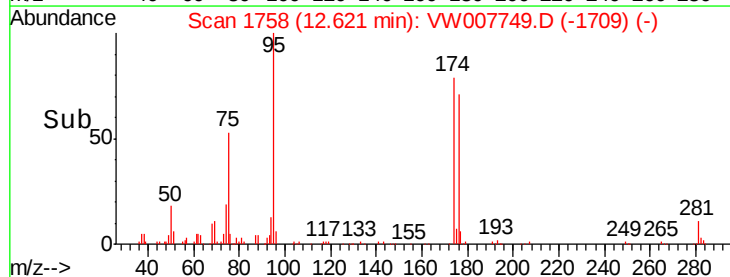
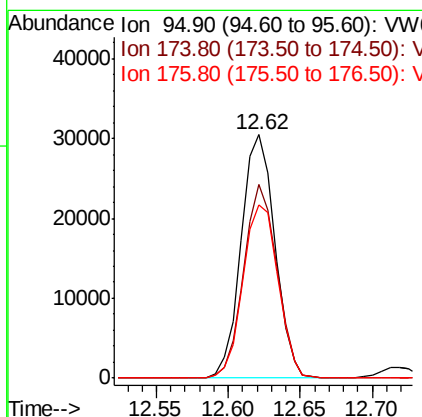
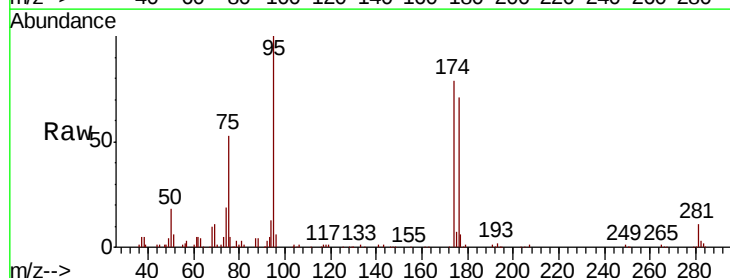
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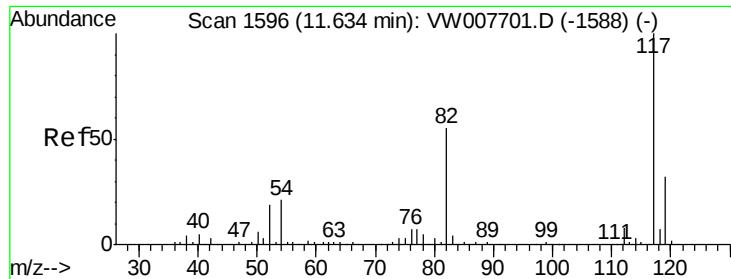
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#62
 4-Bromofluorobenzene
 Concen: 50.883 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion: 95 Resp: 49406
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 152.2
 176 73.9 0.0 146.8





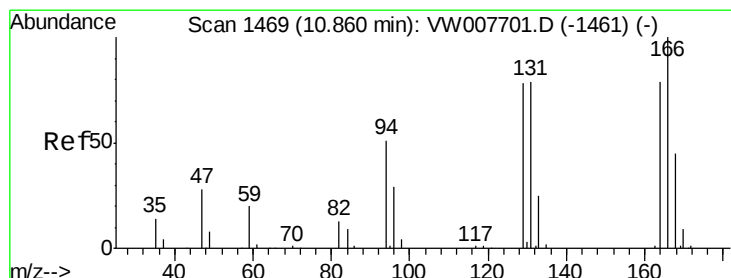
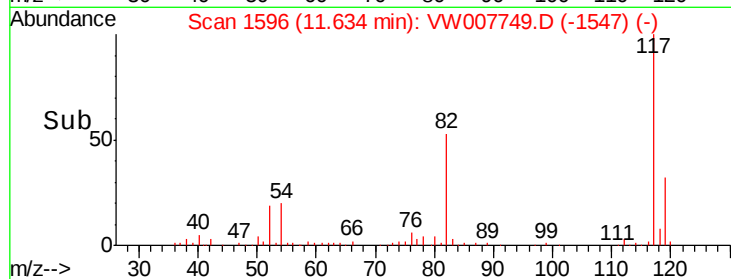
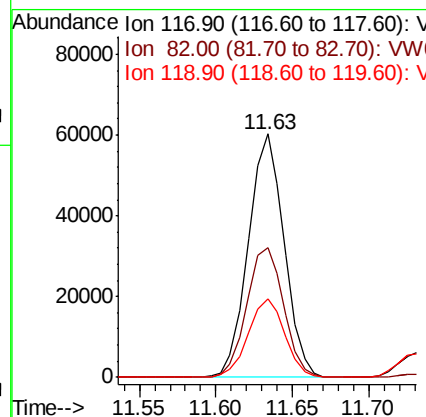
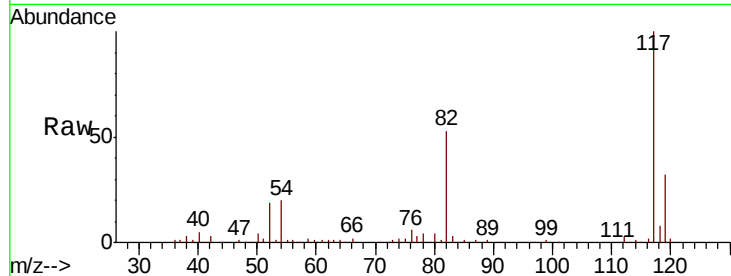
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.3	66.5
119	32.2	25.7	38.5

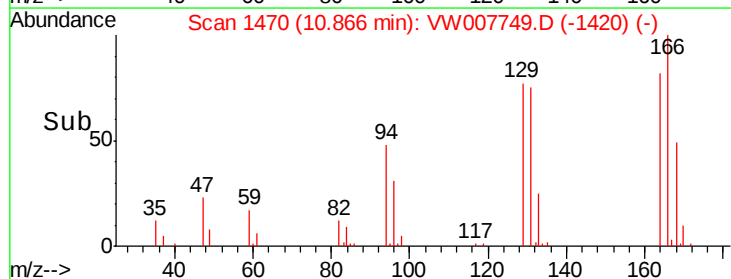
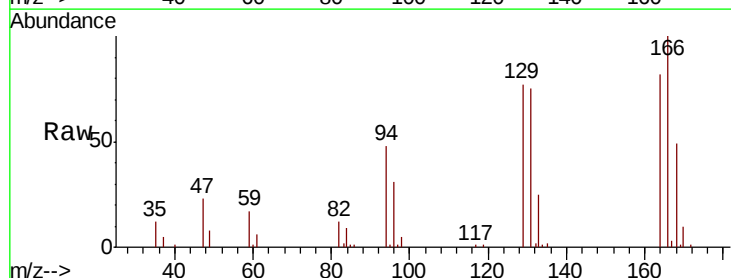
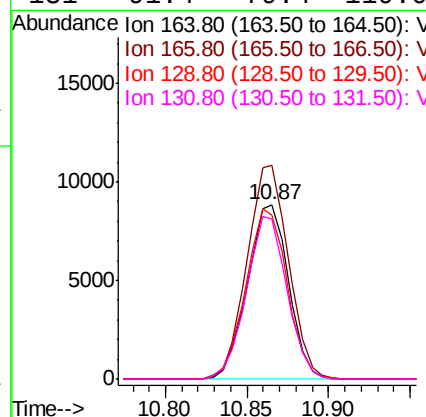
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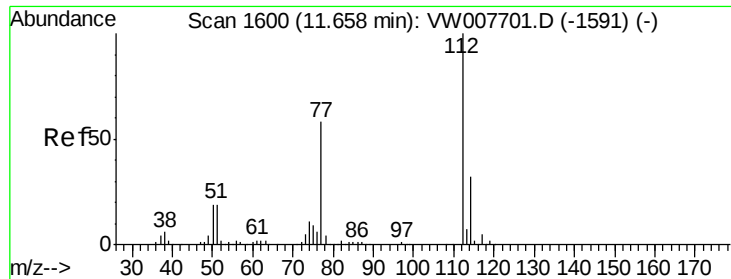
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#64
Tetrachloroethene
Concen: 22.224 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.4	101.0	151.6
129	93.9	78.7	118.1
131	91.4	79.4	119.0





#65

Chlorobenzene

Concen: 21.504 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion:112 Resp: 45612

Ion Ratio Lower Upper

112 100

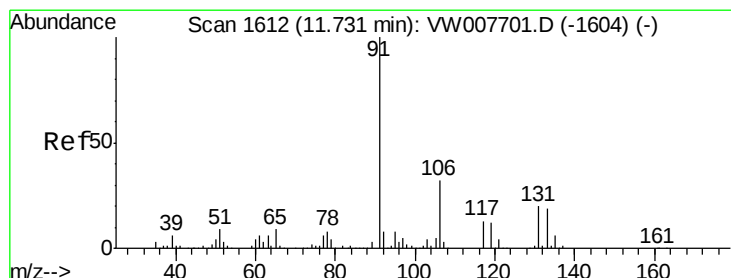
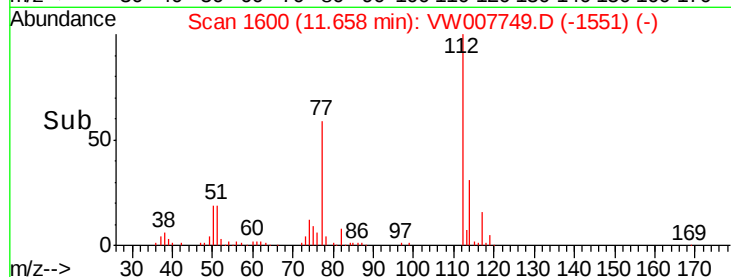
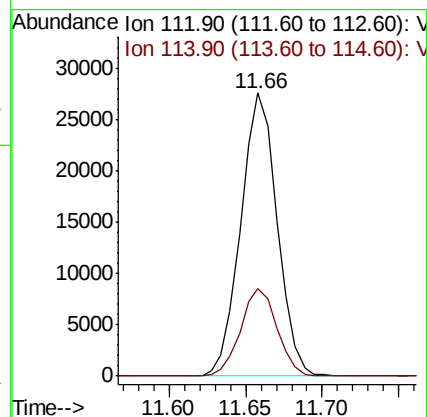
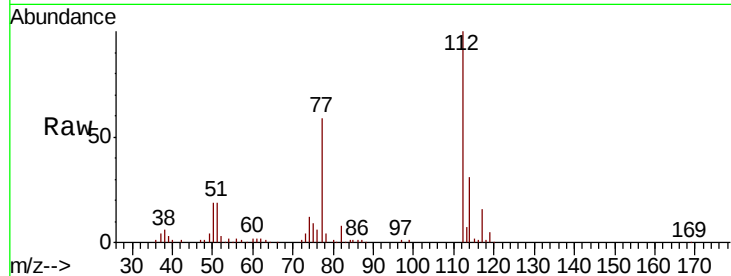
114 31.1 25.2 37.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.908 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

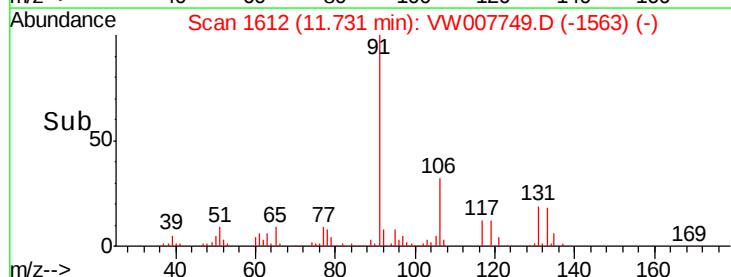
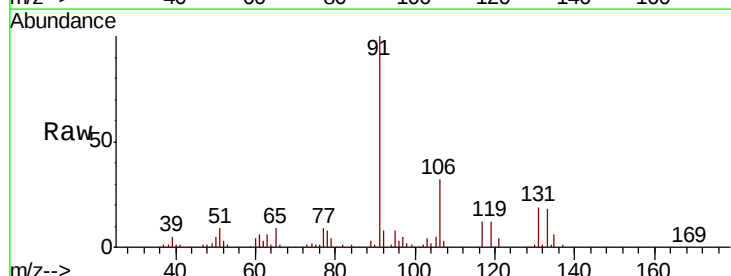
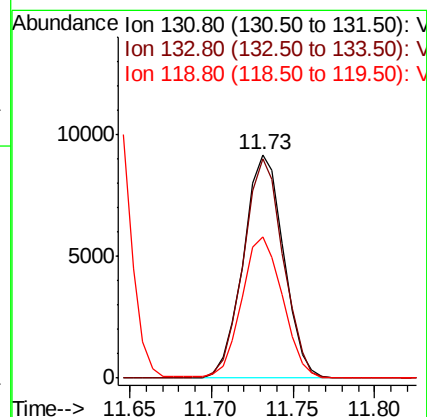
Tgt Ion:131 Resp: 15846

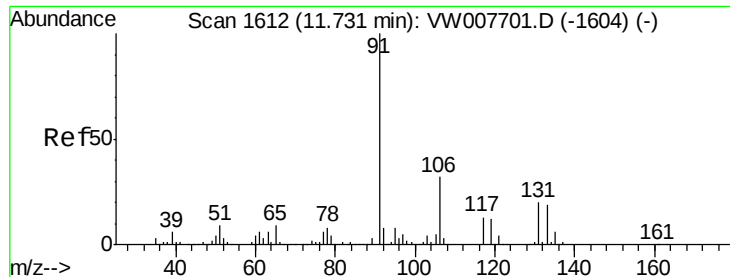
Ion Ratio Lower Upper

131 100

133 97.4 47.5 142.5

119 64.4 30.2 90.6





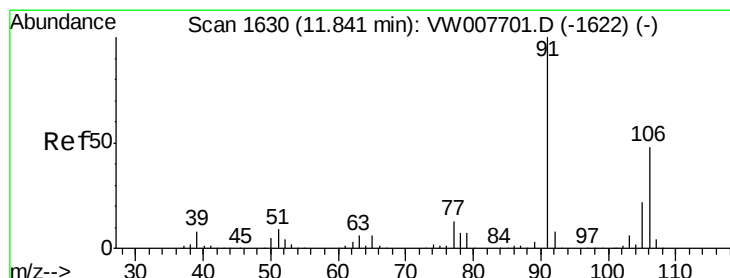
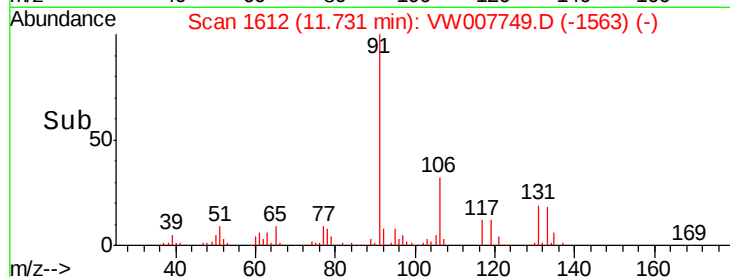
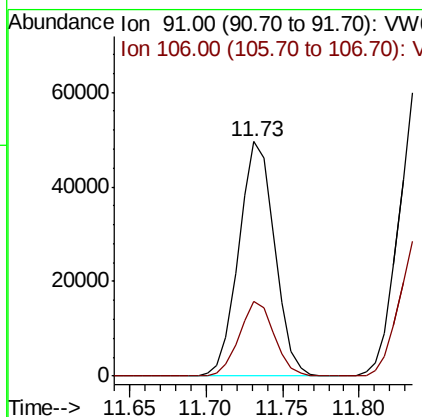
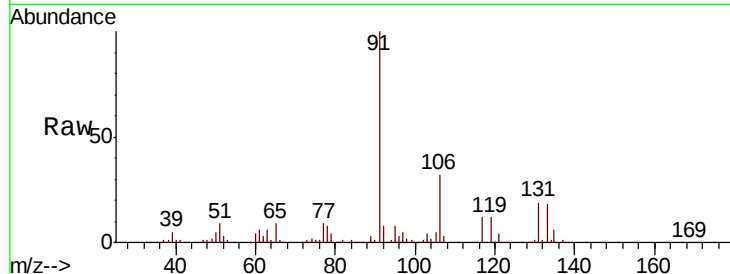
#67
Ethyl Benzene
Concen: 22.140 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion: 91 Resp: 80584
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8

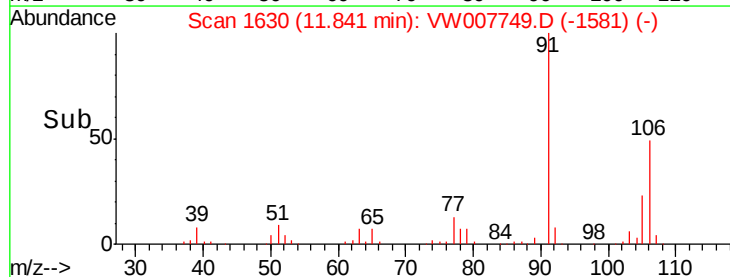
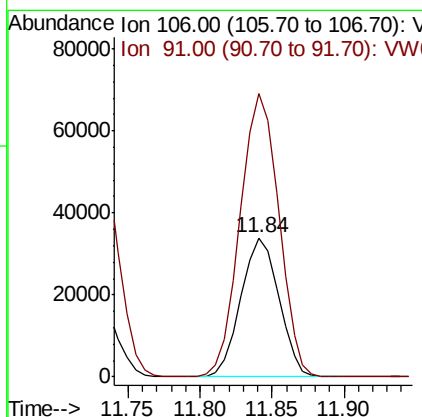
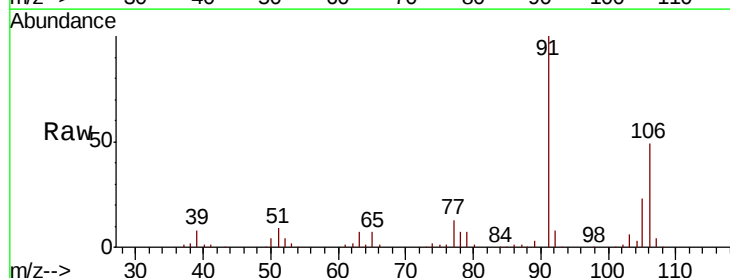
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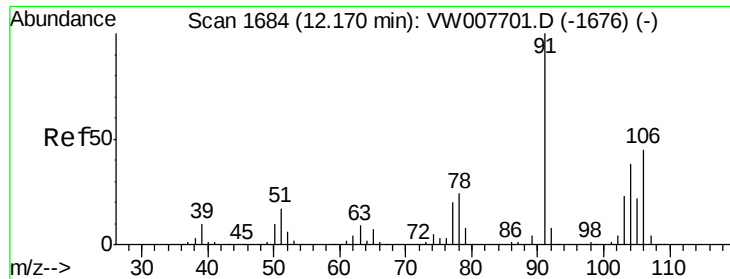
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#68
m/p-Xylenes
Concen: 44.153 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion: 106 Resp: 62340
Ion Ratio Lower Upper
106 100
91 207.1 165.2 247.8





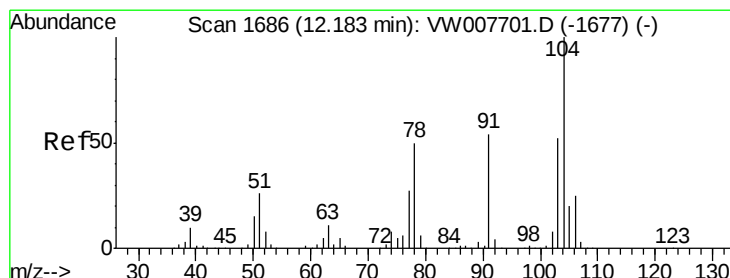
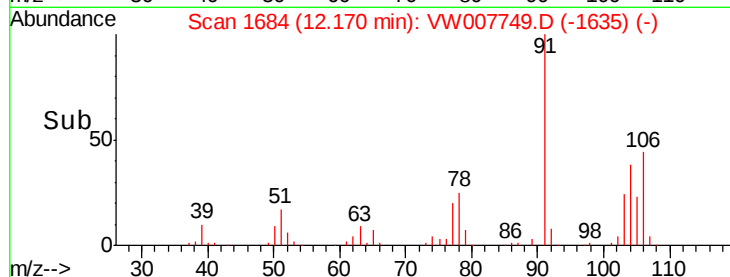
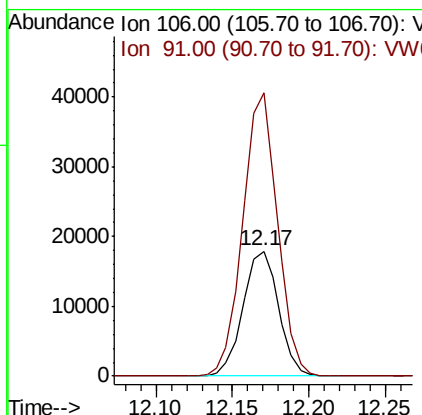
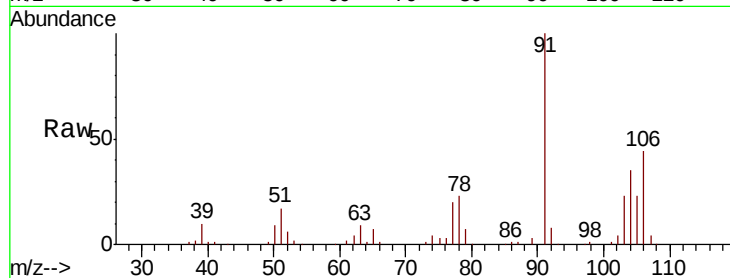
#69
o-Xylene
Concen: 21.833 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion:106 Resp: 28896
Ion Ratio Lower Upper
106 100
91 221.3 110.5 331.4

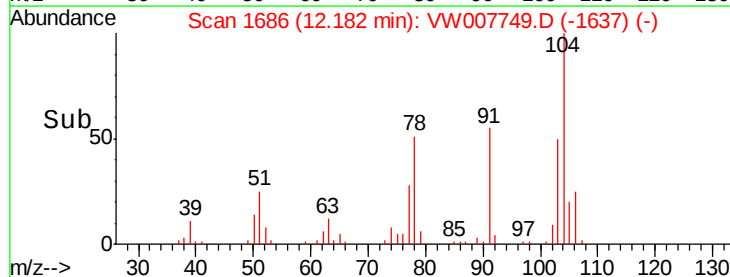
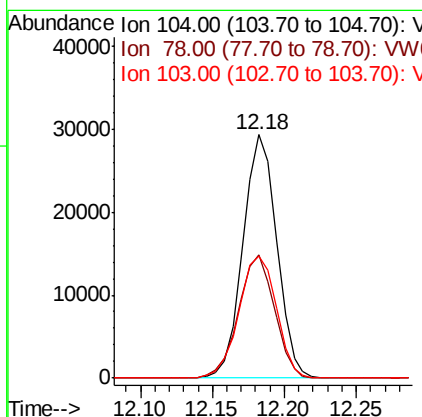
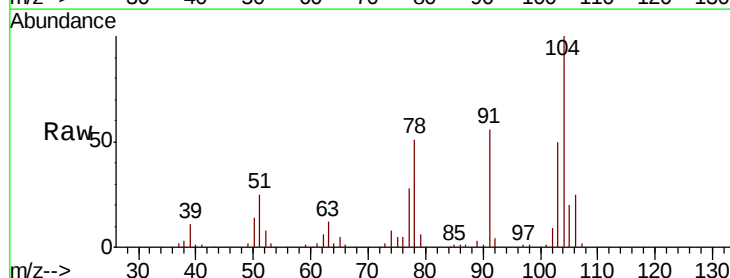
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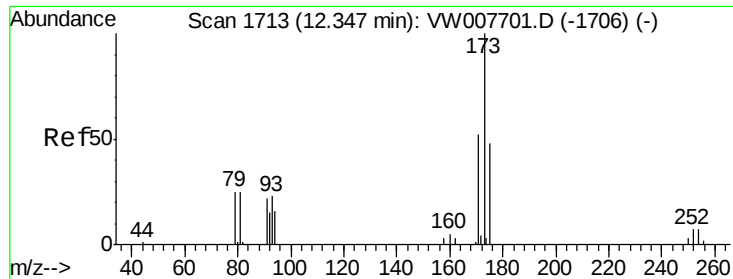
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#70
Styrene
Concen: 21.918 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion:104 Resp: 47683
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.0
103 55.8 44.5 66.7





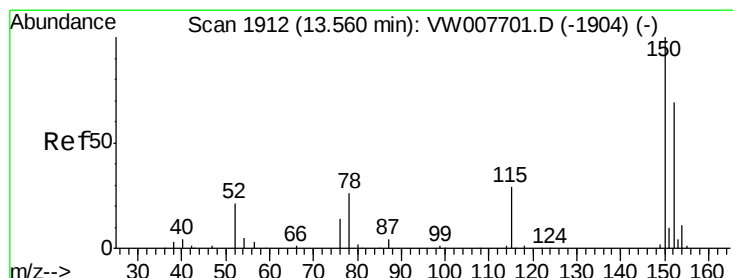
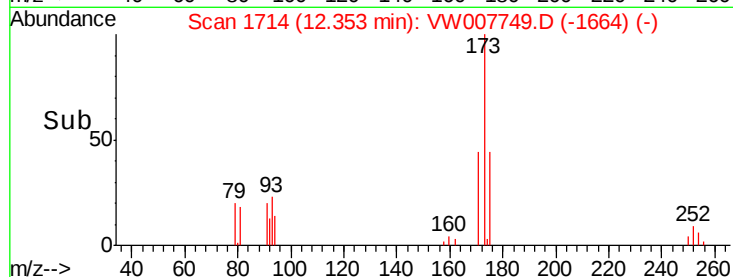
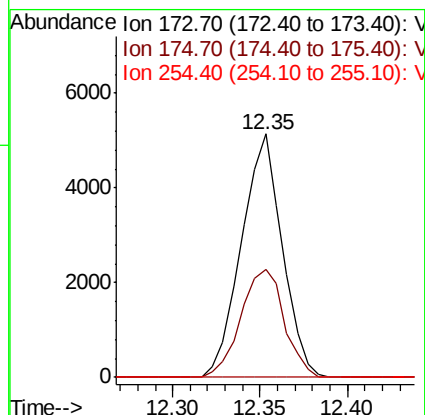
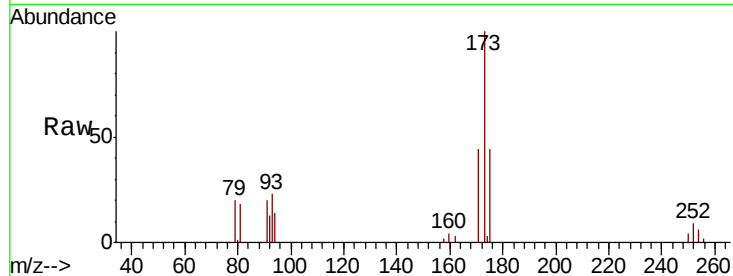
#71
Bromoform
Concen: 21.160 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.9	71.7
254	0.0	0.0	0.0

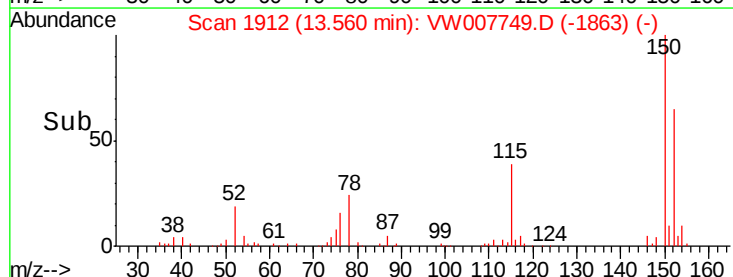
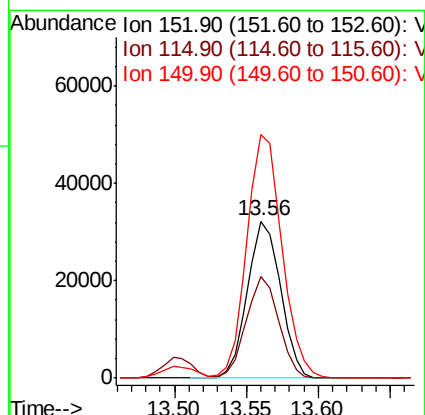
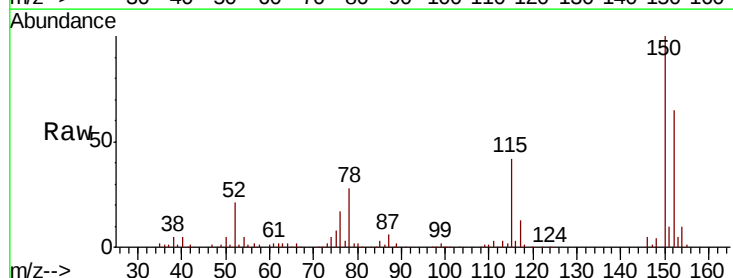
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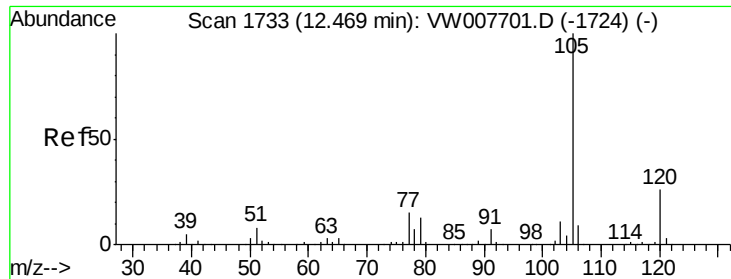
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.8	95.4
150	164.2	0.0	350.8





#73

Isopropylbenzene

Concen: 21.540 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

ClientSampleId :

VW1222SBS01

Tgt Ion: 105 Resp: 83642

Ion Ratio Lower Upper

105 100

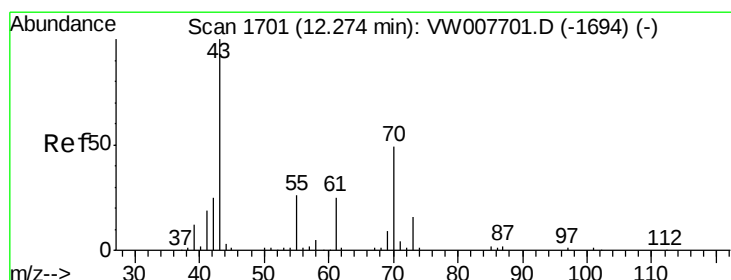
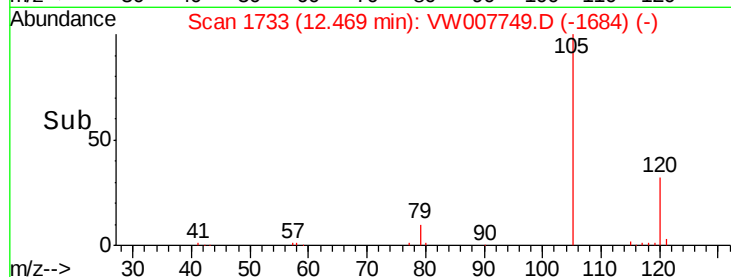
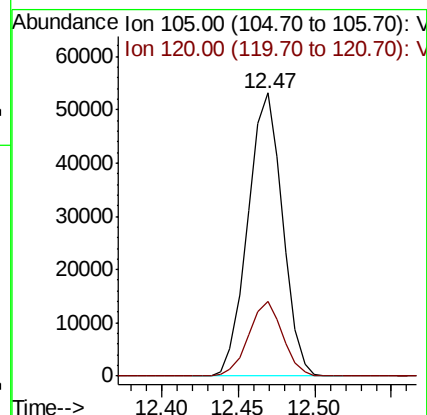
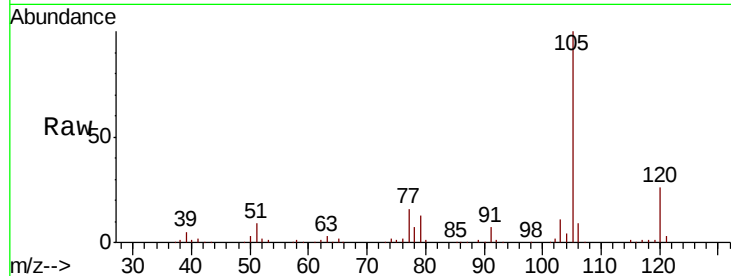
120 26.0 13.1 39.3

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#74

N-ethyl acetate

Concen: 19.691 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion: 43 Resp: 13244

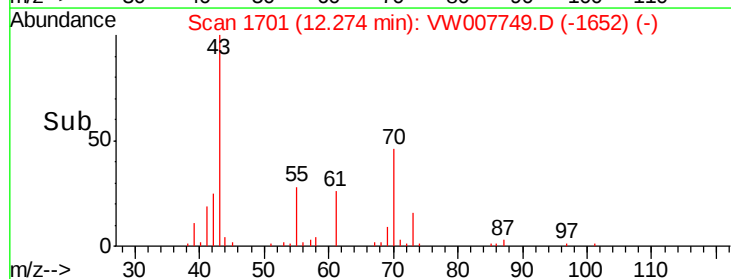
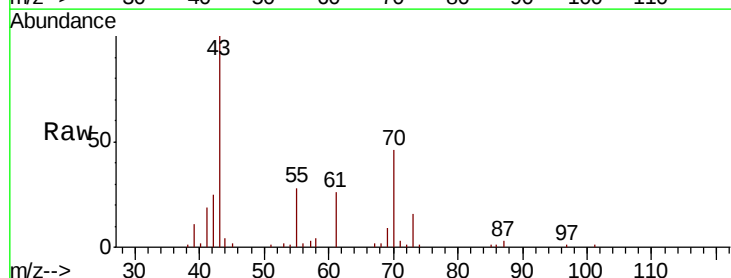
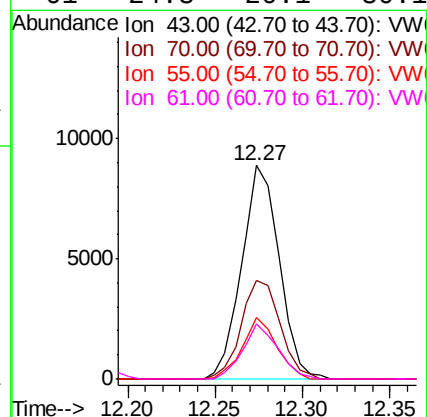
Ion Ratio Lower Upper

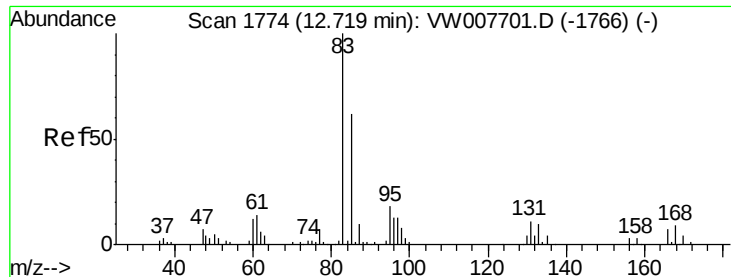
43 100

70 48.1 37.6 56.4

55 26.3 21.7 32.5

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.917 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

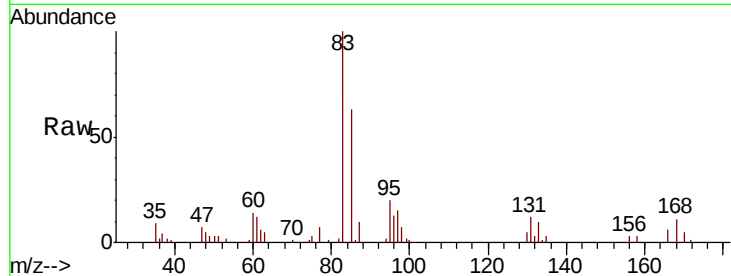
ClientSampleId :

VW1222SBS01

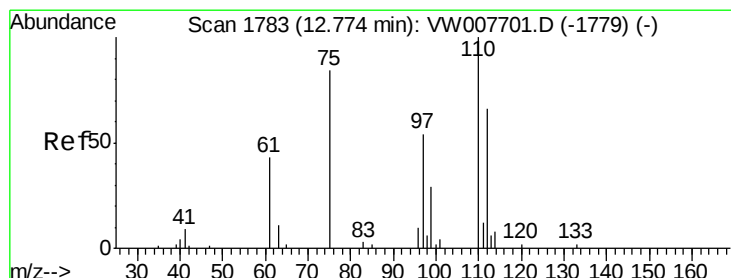
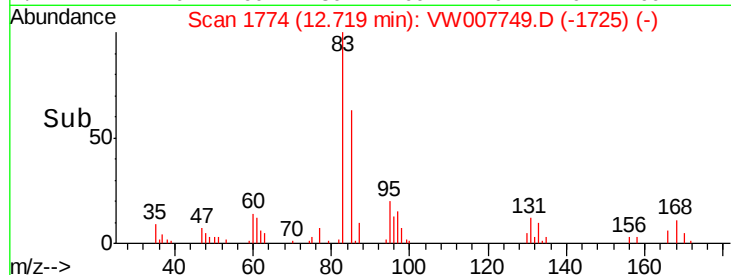
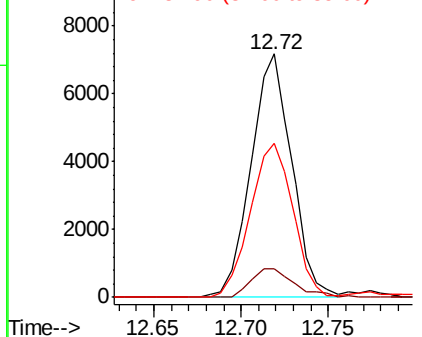
Tgt Ion:	83	Resp:	11596
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.3	18.8
85	66.4	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 18.693 ug/l m

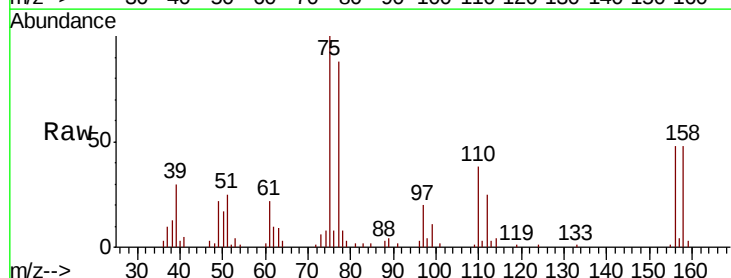
RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

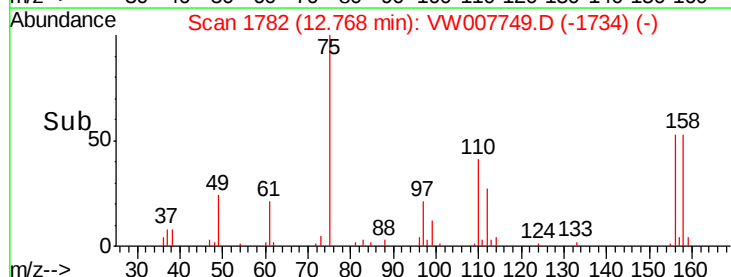
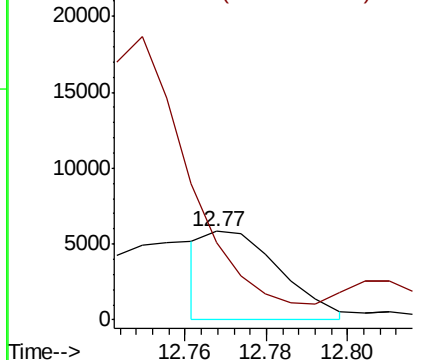
Lab File: VW007749.D

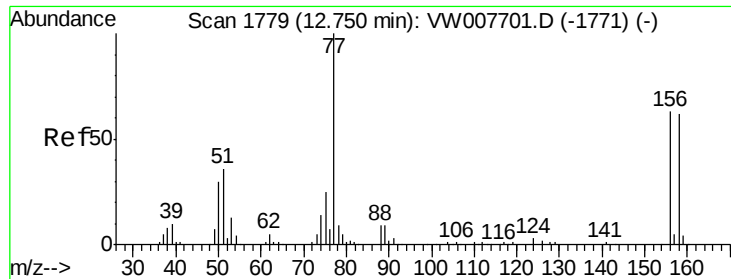
Acq: 20 Dec 2018 16:15

Tgt Ion:	75	Resp:	7422
Ion Ratio	Lower	Upper	
75	100		
77	445.4	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.866 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Instrument :

MSVOA_W

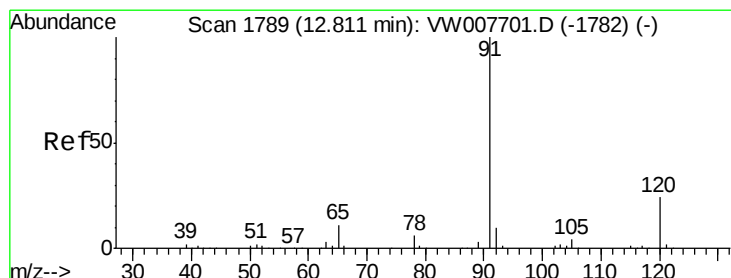
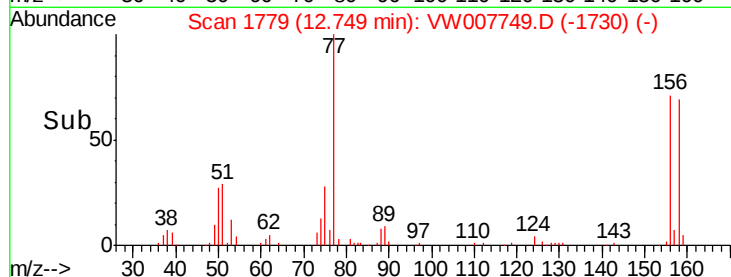
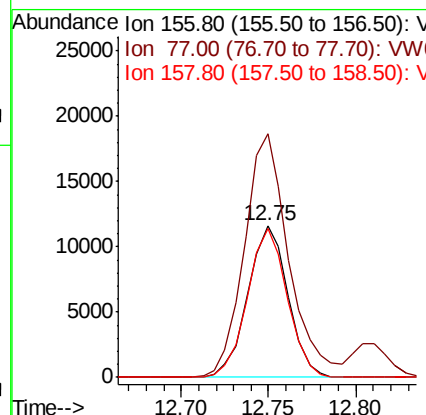
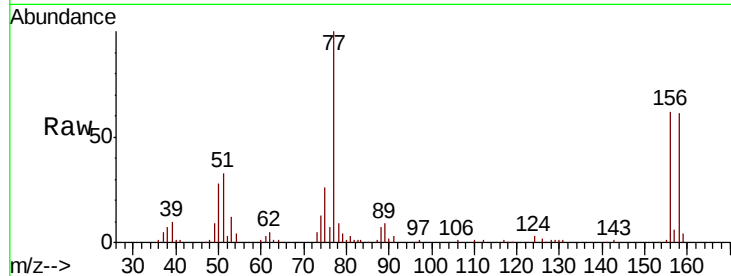
ClientSampleId :

VW1222SBS01

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	178.0	87.4	262.1	
158	97.4	48.4	145.0	

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#78

n-propylbenzene

Concen: 21.616 ug/l

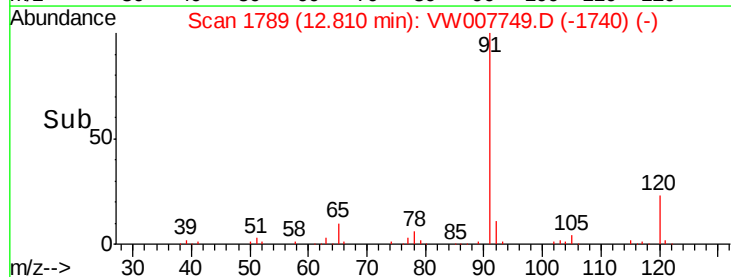
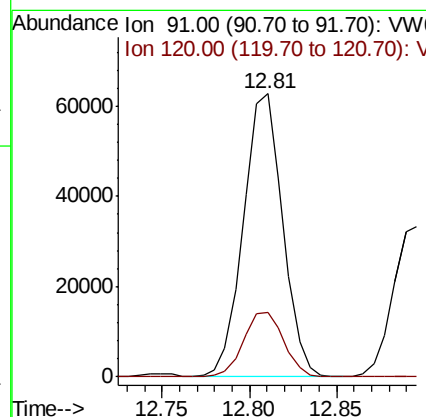
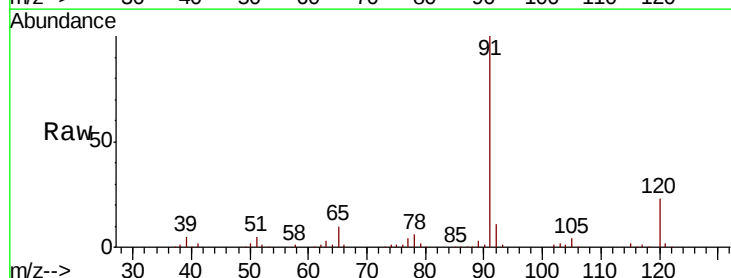
RT: 12.81 min Scan# 1789

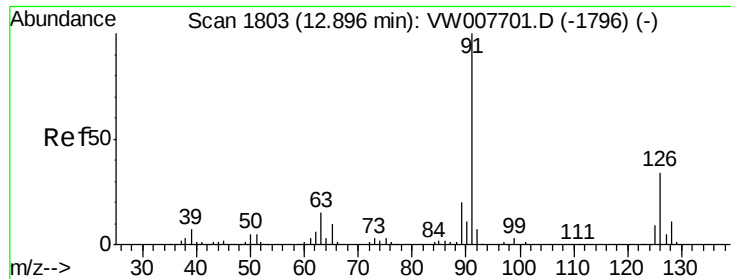
Delta R.T. -0.00 min

Lab File: VW007749.D

Acq: 20 Dec 2018 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.3	11.9	35.7	





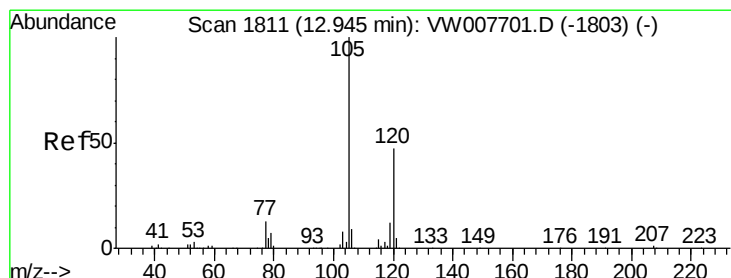
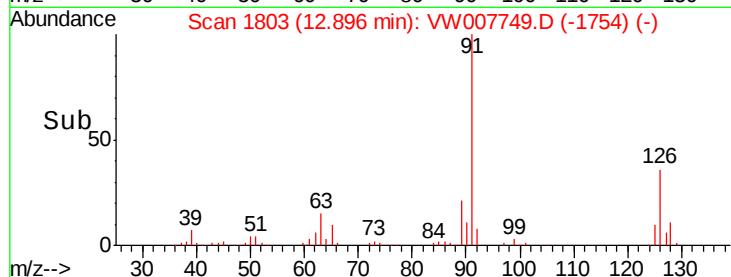
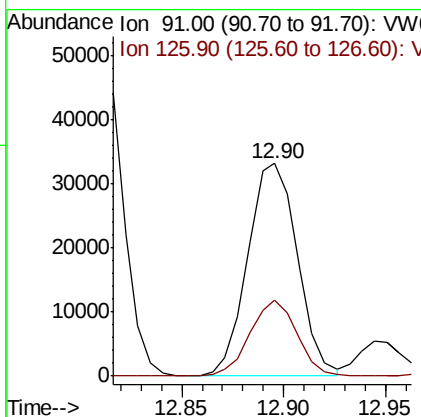
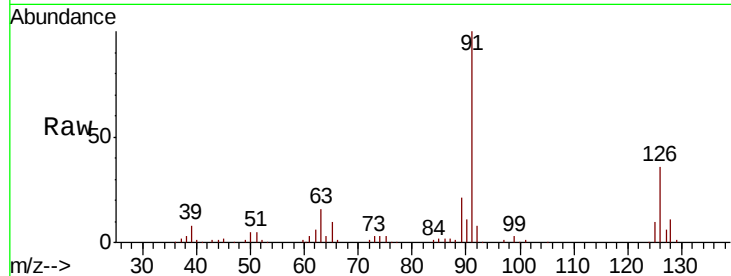
#79
2-Chlorotoluene
Concen: 21.360 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion: 91 Resp: 56245
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

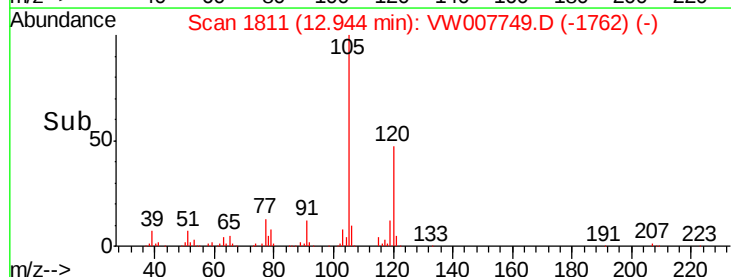
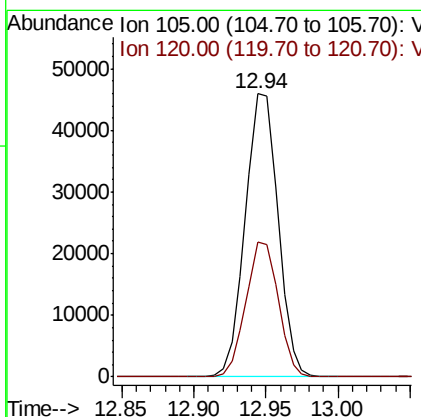
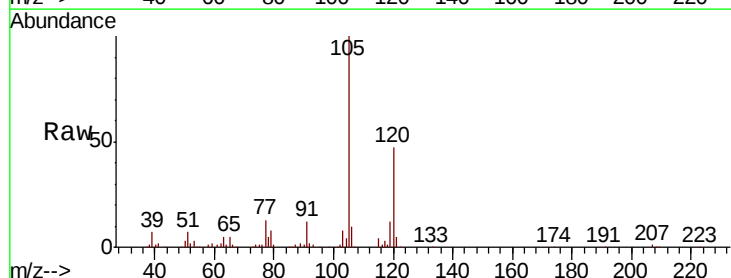
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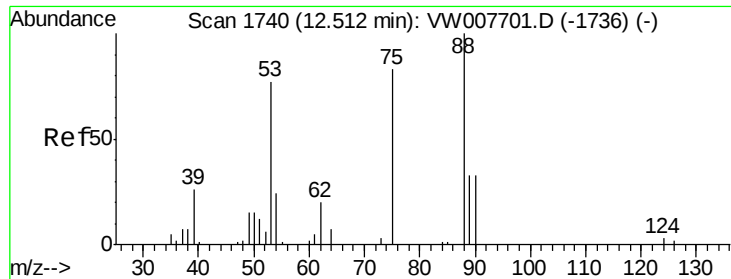
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#80
1,3,5-Trimethylbenzene
Concen: 21.650 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion: 105 Resp: 72515
Ion Ratio Lower Upper
105 100
120 47.1 23.6 70.8





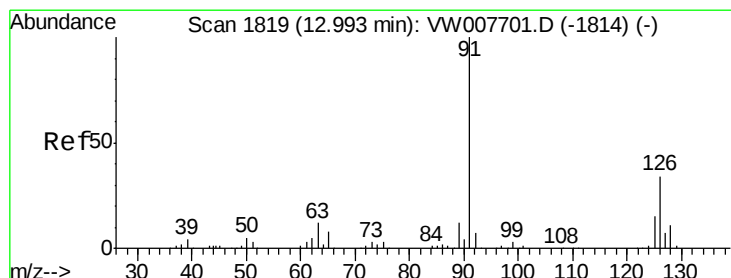
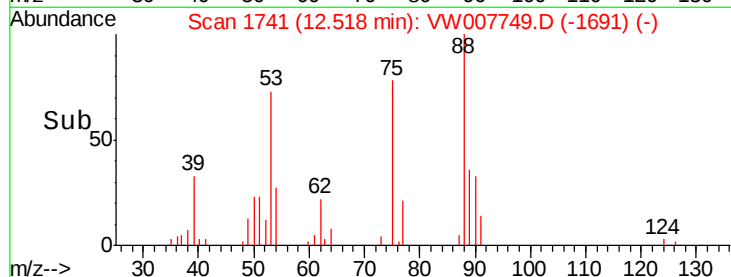
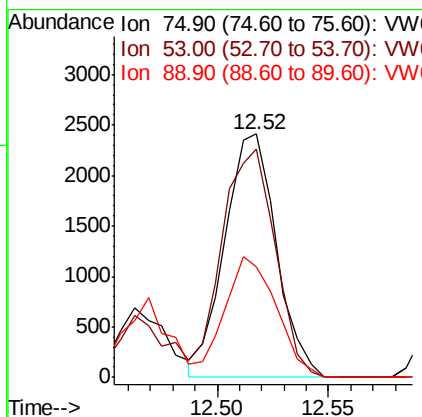
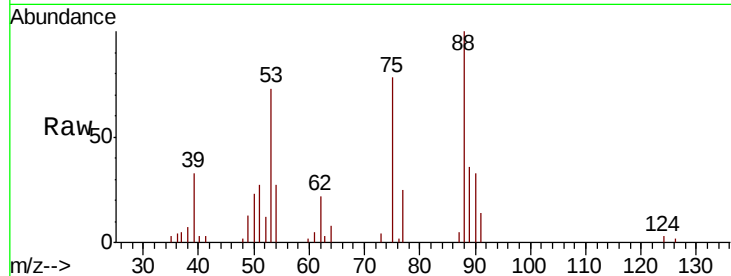
#81
trans-1,4-Dichloro-2-butene
Concen: 20.576 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.4	80.2	120.2
89	50.2	39.2	58.8

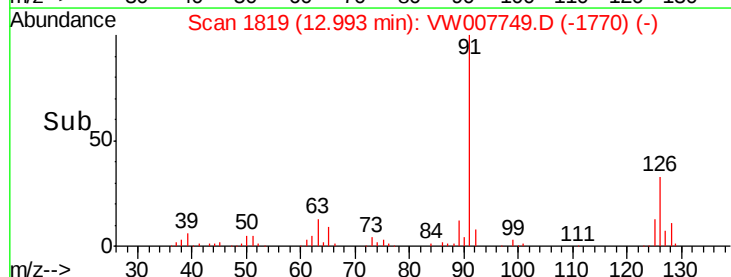
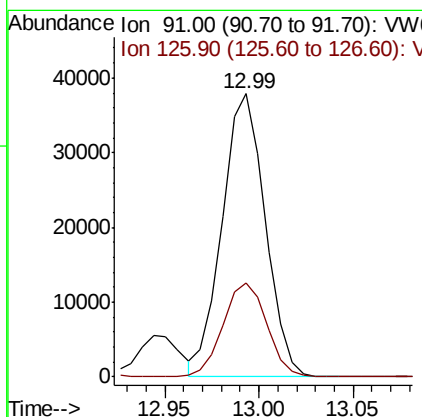
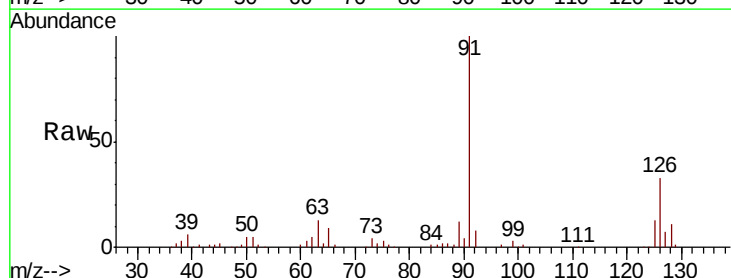
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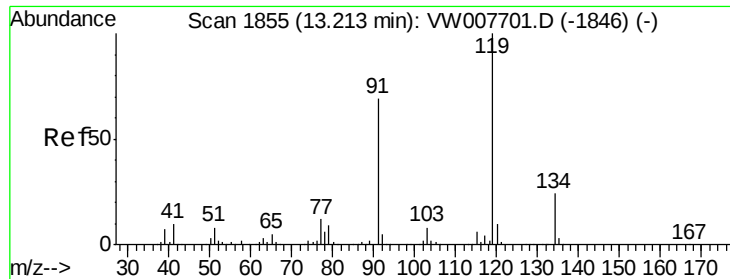
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#82
4-Chlorotoluene
Concen: 21.434 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.5	49.5





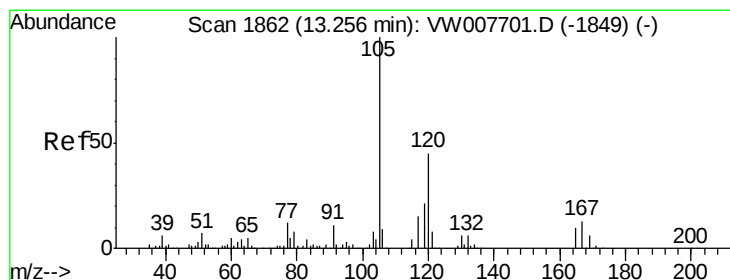
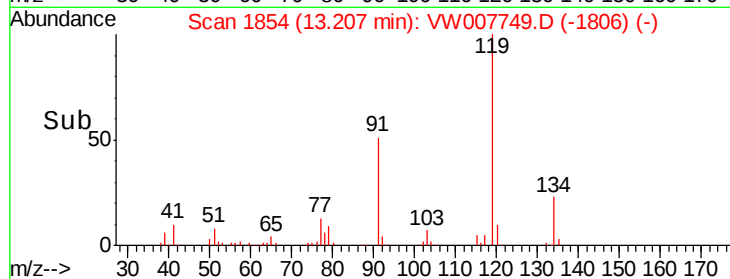
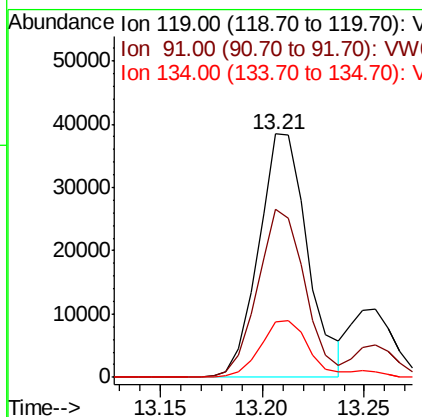
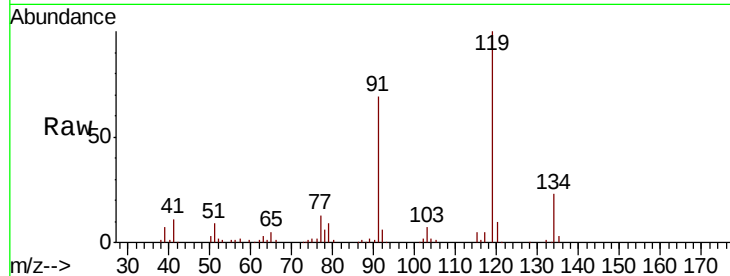
#83
tert-Butylbenzene
Concen: 21.850 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.7	34.2	102.5
134	23.4	12.8	38.4

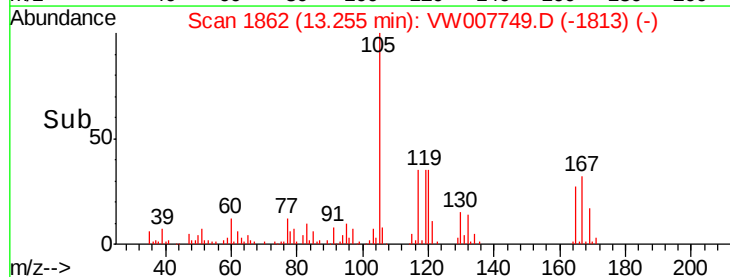
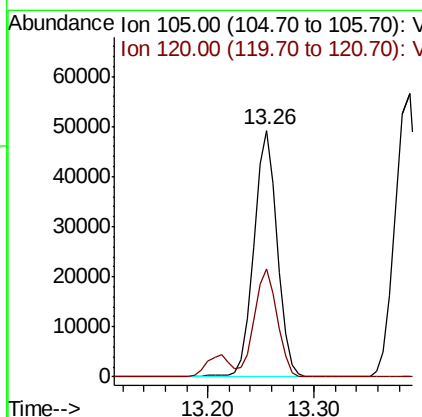
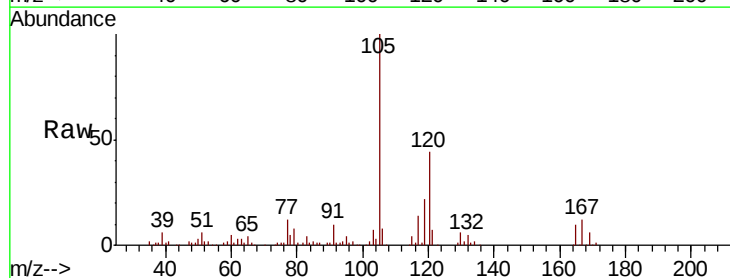
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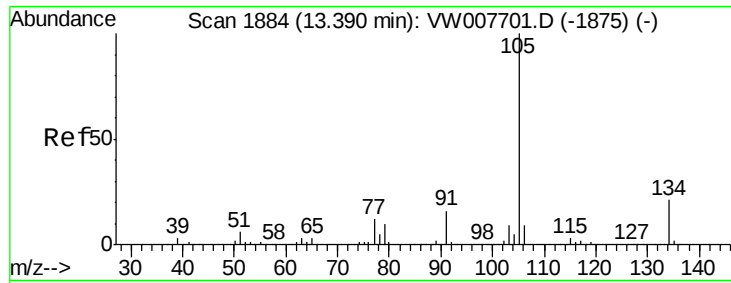
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#84
1,2,4-Trimethylbenzene
Concen: 22.363 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.0	66.0





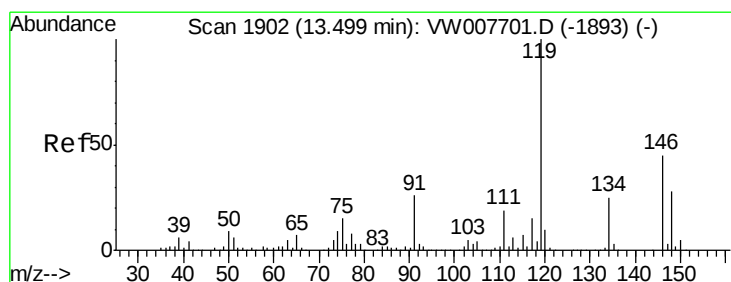
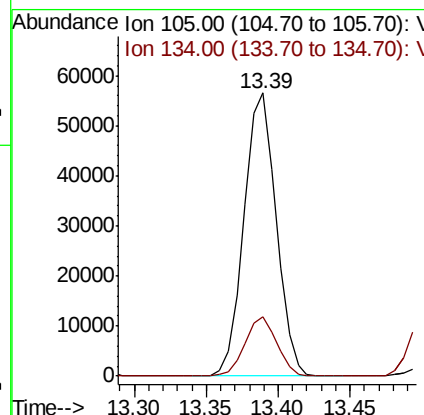
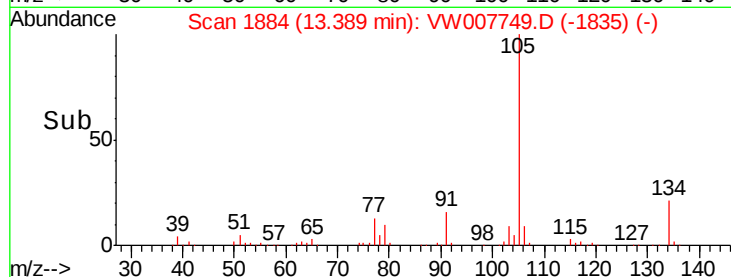
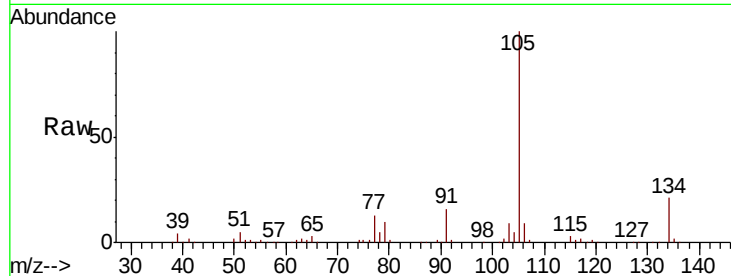
#85
 sec-Butylbenzene
 Concen: 21.649 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion:105 Resp: 87686
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

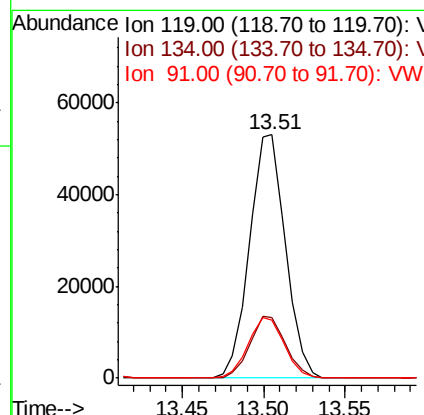
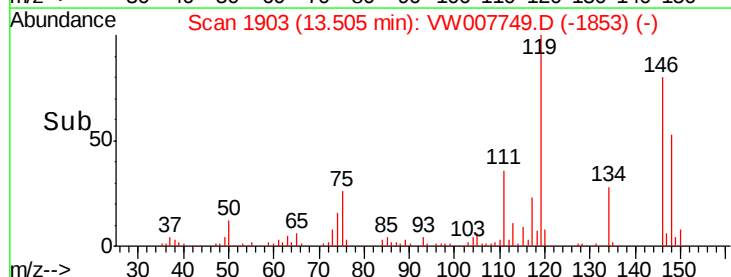
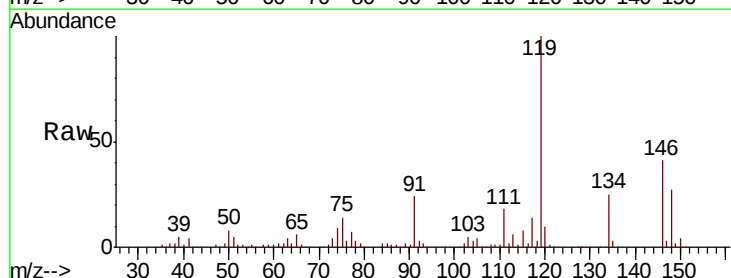
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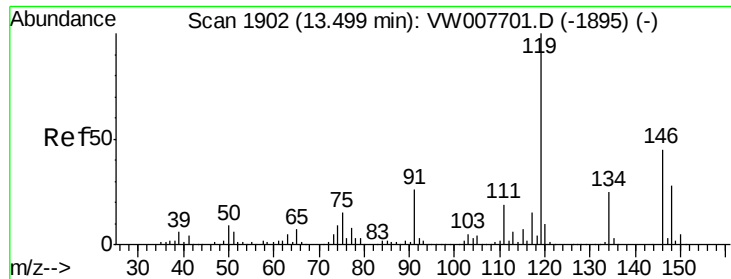
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#86
 p-Isopropyltoluene
 Concen: 22.083 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion:119 Resp: 81332
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 24.9 12.8 38.4





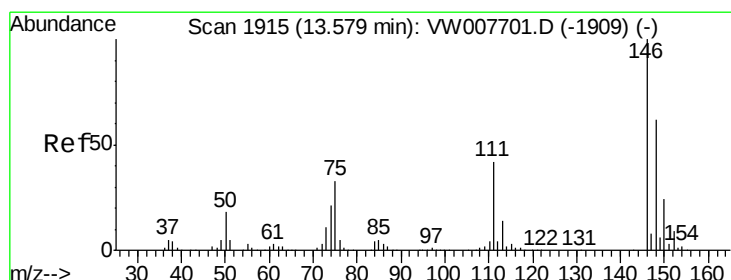
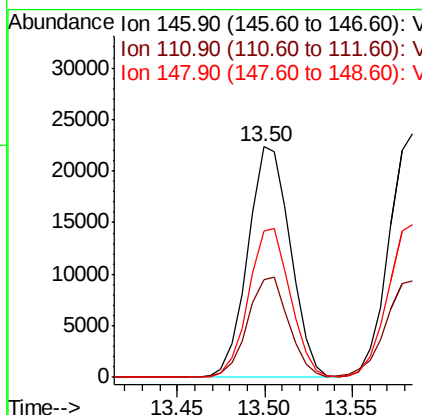
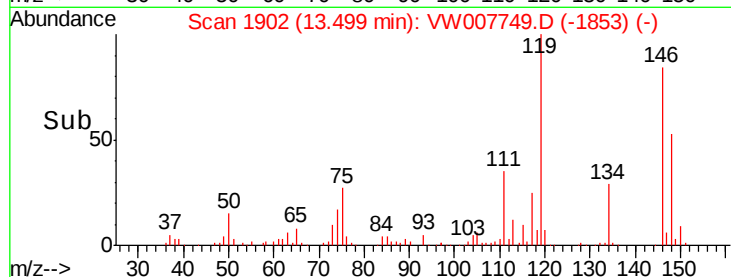
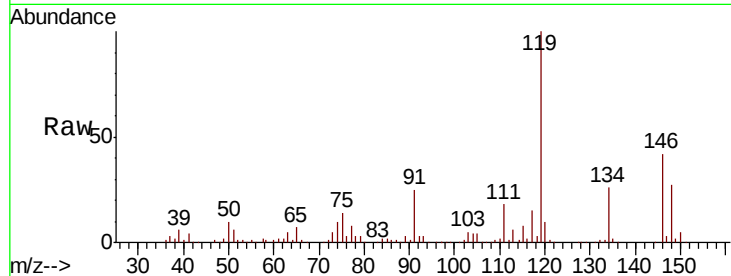
#87
 1,3-Dichlorobenzene
 Concen: 21.382 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.4
148	63.1	32.1	96.5

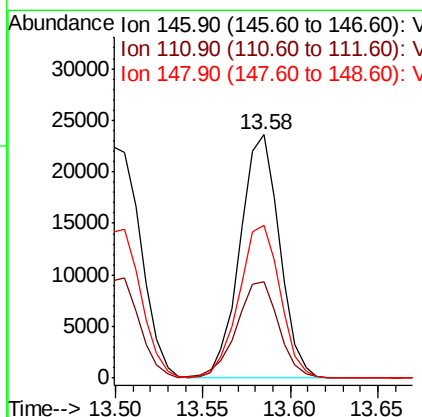
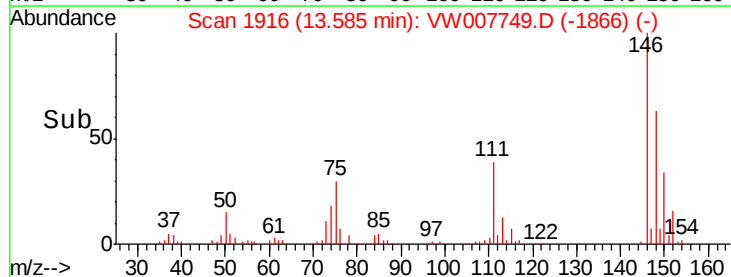
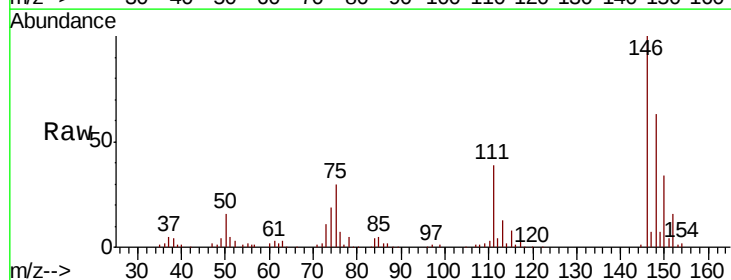
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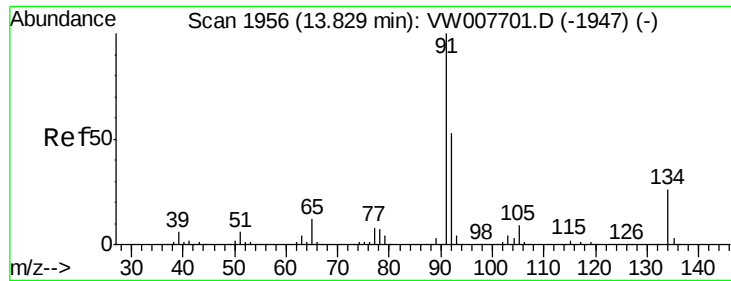
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#88
 1,4-Dichlorobenzene
 Concen: 21.078 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.0	63.0
148	65.5	31.8	95.4





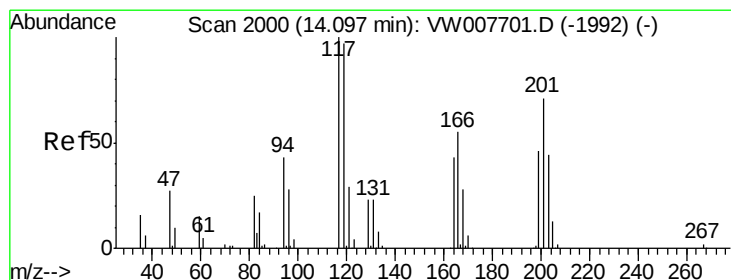
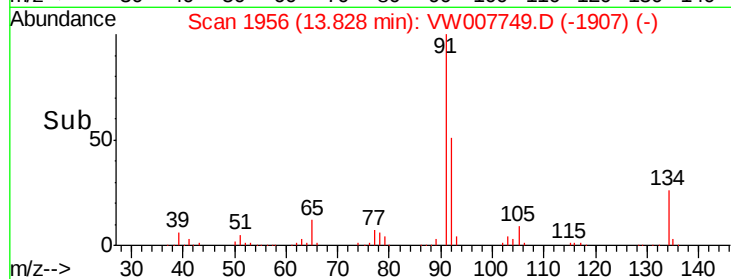
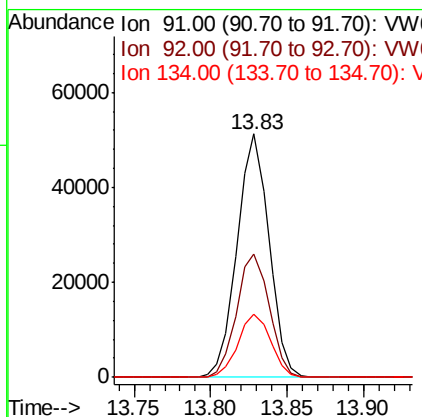
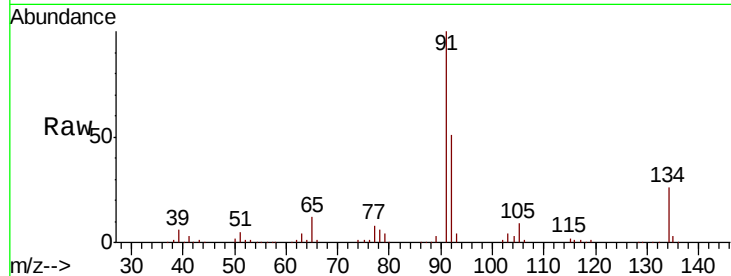
#89
n-Butylbenzene
Concen: 22.006 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.2
134	26.7	13.7	41.0

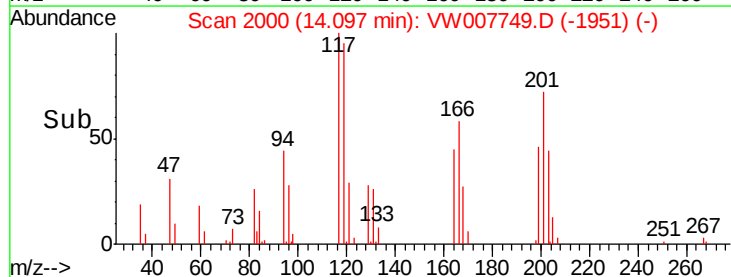
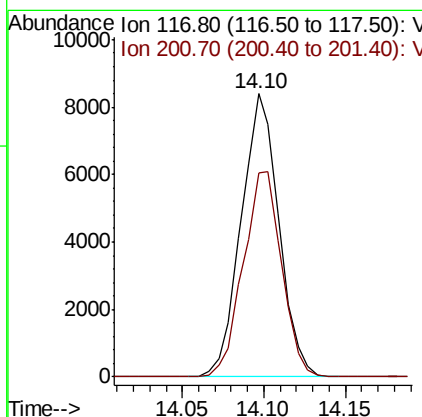
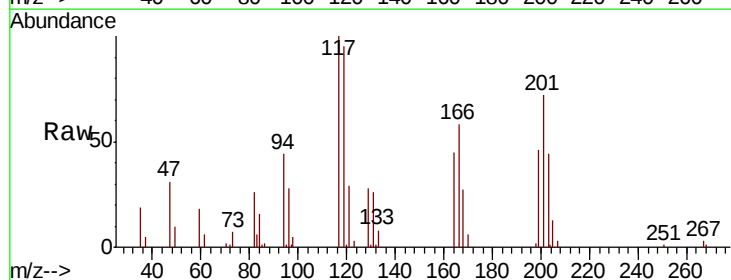
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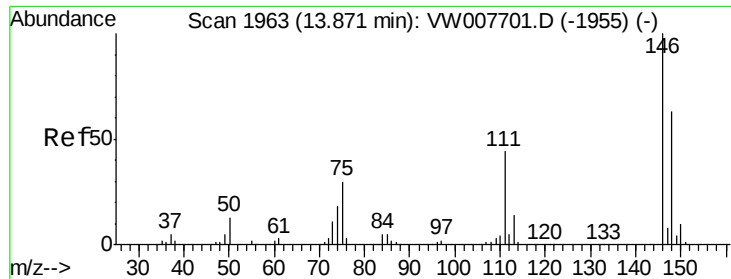
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#90
Hexachloroethane
Concen: 20.876 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.9	36.2	108.6





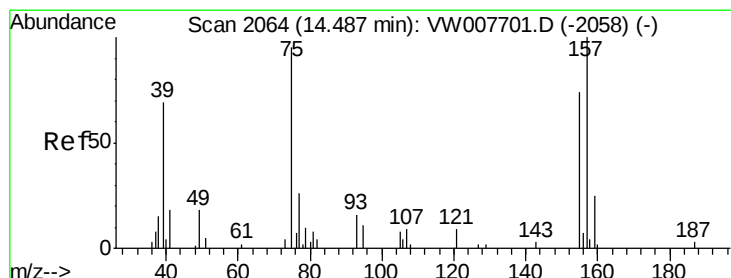
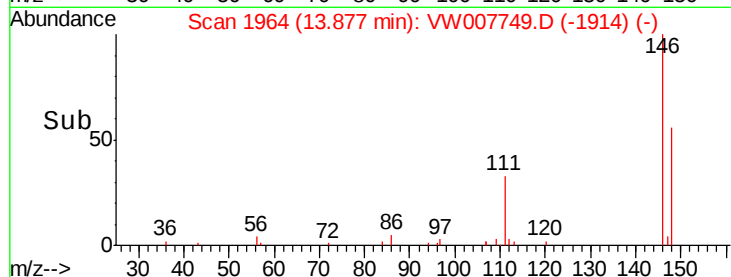
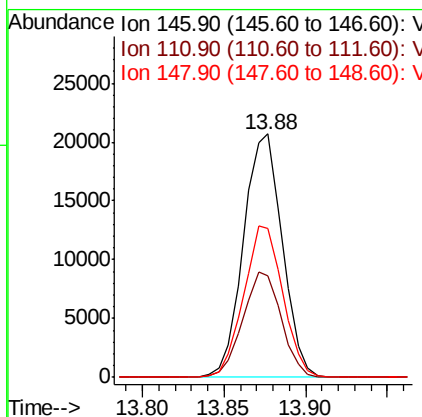
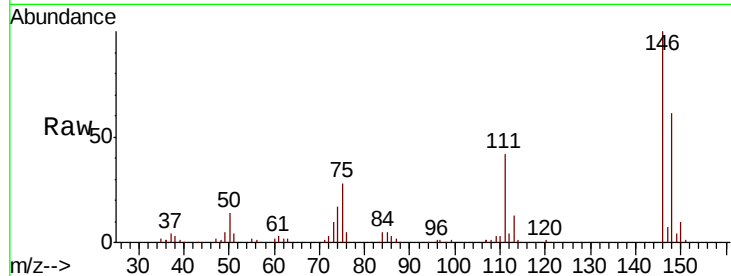
#91
 1,2-Dichlorobenzene
 Concen: 21.645 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.7	65.1
148	62.9	32.1	96.5

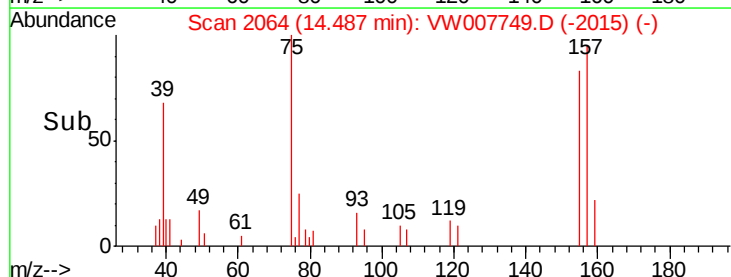
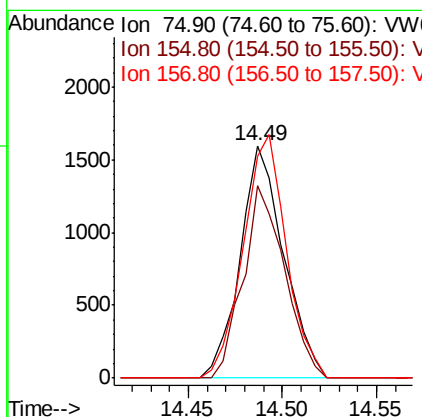
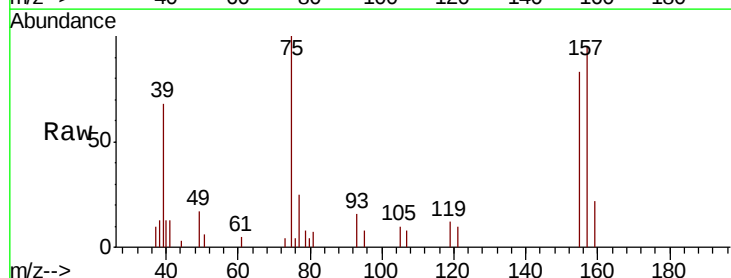
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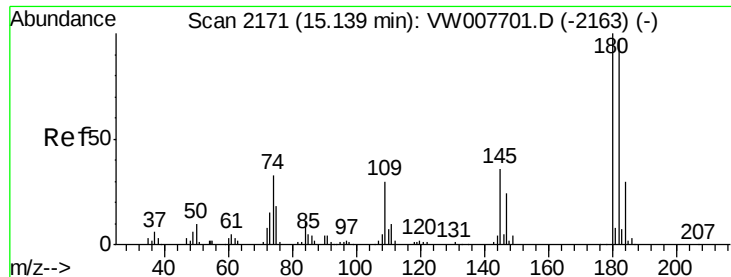
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.478 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	39.4	118.1
157	103.2	52.0	156.0





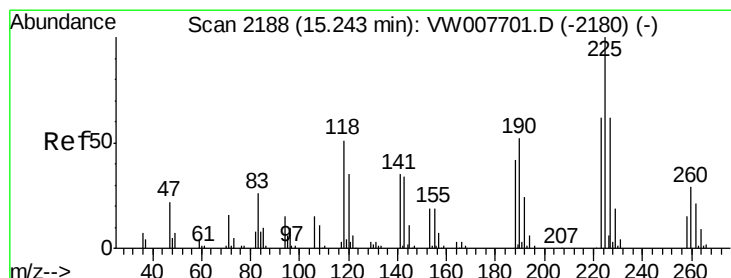
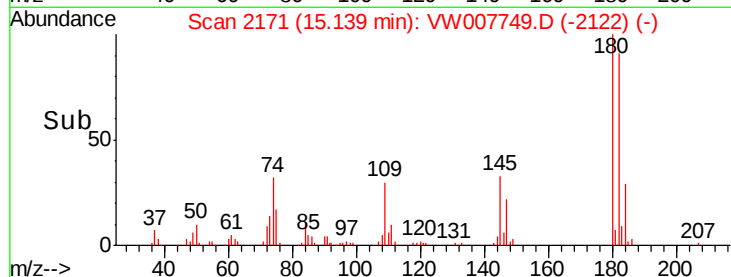
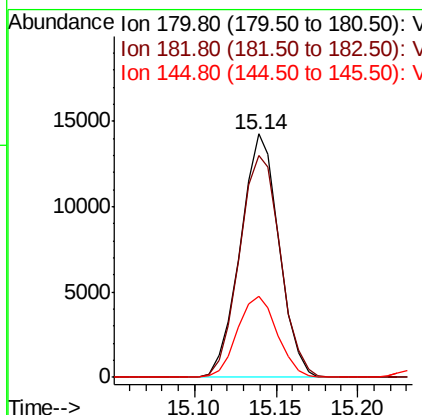
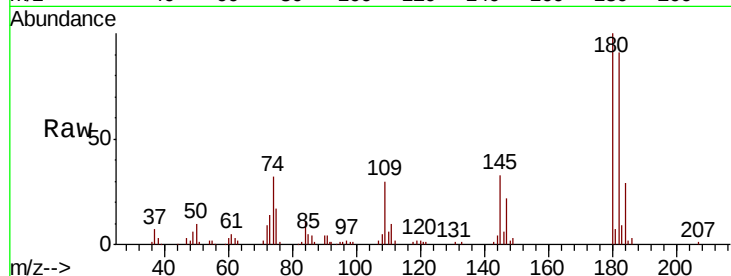
#93
 1,2,4-Trichlorobenzene
 Concen: 21.365 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	34.3	17.5	52.5

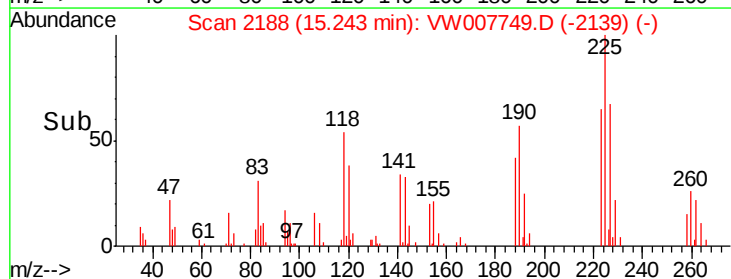
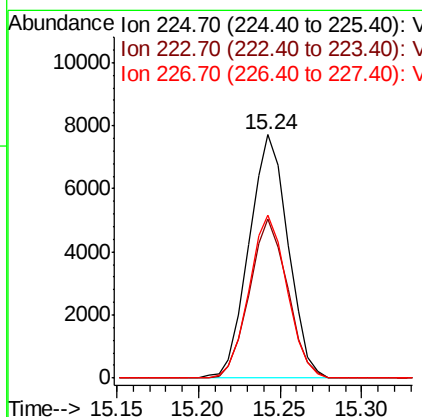
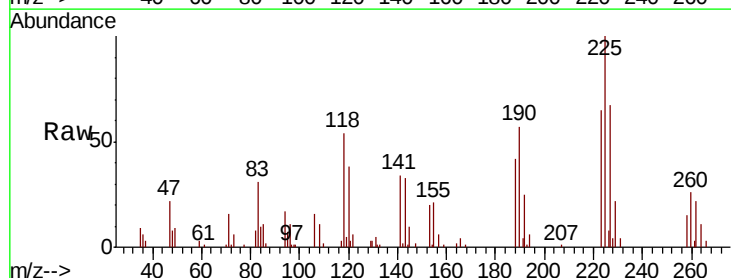
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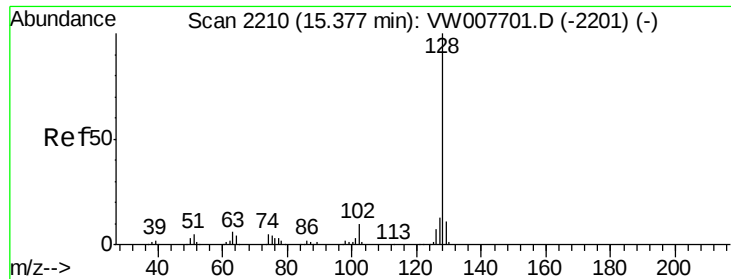
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#94
 Hexachlorobutadiene
 Concen: 21.891 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007749.D
 Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	94.8
227	65.2	32.1	96.3





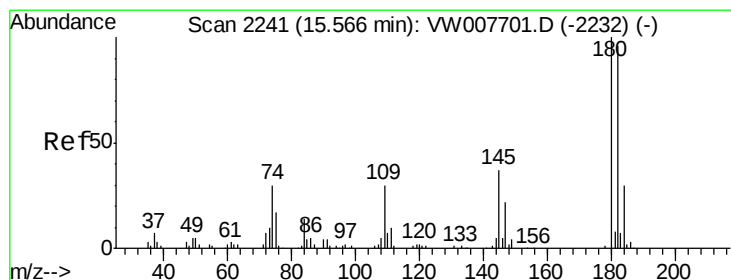
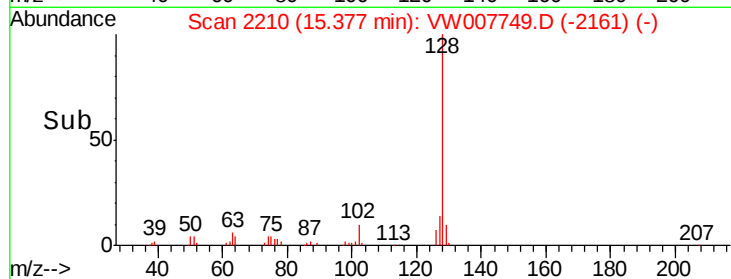
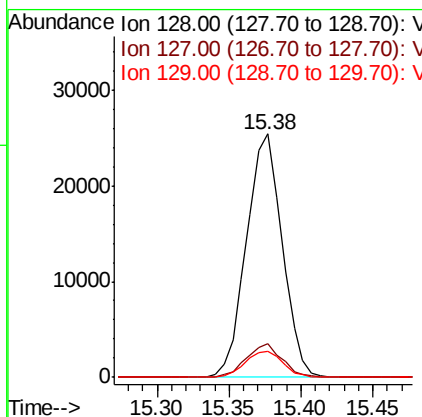
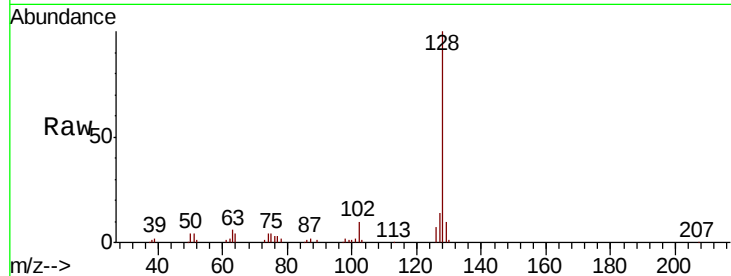
#95
Naphthalene
Concen: 21.501 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Instrument :
MSVOA_W
ClientSampleId :
VW1222SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	11.1	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.571 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007749.D
Acq: 20 Dec 2018 16:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.4	142.2
145	34.6	18.4	55.0

