

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003796.D
 Acq On : 10 Jul 2018 01:05
 Operator : SY/AP
 Sample : VW0709SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Manual Integrations
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 7/10/2018 10:47:40 AM

Quant Time: Jul 10 02:36:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	160496	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126605	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.88	113	108690	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.32	98	424459	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.62	95	153353	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	18881	20.160	ug/l	99
3) Chloromethane	2.21	50	38469	21.636	ug/l	94
4) Vinyl Chloride	2.36	62	54040	23.044	ug/l	97
5) Bromomethane	2.77	94	32702	19.755	ug/l	97
6) Chloroethane	2.92	64	28124	19.997	ug/l	98
7) Trichlorofluoromethane	3.25	101	21706	22.912	ug/l	95
8) Diethyl Ether	3.67	74	23022	23.712	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	43594	23.662	ug/l	100
10) Methyl Iodide	4.26	142	65409	23.851	ug/l	98
11) Tert butyl alcohol	5.18	59	19361	141.865	ug/l	97
12) 1,1-Dichloroethene	4.03	96	43371	23.975	ug/l	96
13) Acrolein	3.88	56	19679	96.676	ug/l	99
14) Allyl chloride	4.65	41	72355	23.005	ug/l	99
15) Acrylonitrile	5.37	53	55937	115.049	ug/l	99
16) Acetone	4.12	43	52326	119.762	ug/l	98
17) Carbon Disulfide	4.37	76	141739	23.899	ug/l	99
18) Methyl Acetate	4.67	43	27522	22.342	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	80939	21.653	ug/l	99
20) Methylene Chloride	4.90	84	53334	22.649	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	47033	21.961	ug/l	97
22) Diisopropyl ether	6.31	45	154393	22.329	ug/l	99
23) Vinyl Acetate	6.26	43	444299	105.262	ug/l	100
24) 1,1-Dichloroethane	6.21	63	90784	21.709	ug/l	99
25) 2-Butanone	7.18	43	75113	109.761	ug/l	99
26) 2,2-Dichloropropane	7.17	77	47706	21.032	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	50640	21.383	ug/l	99
28) Bromochloromethane	7.51	49	39194	21.039	ug/l	100
29) Tetrahydrofuran	7.53	42	48848	111.039	ug/l	99
30) Chloroform	7.68	83	93624	21.946	ug/l	100
31) Cyclohexane	7.95	56	78218	21.285	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72571	22.352	ug/l	99
36) 1,1-Dichloropropene	8.08	75	71655	21.723	ug/l	99
37) Ethyl Acetate	7.26	43	35652	22.213	ug/l	98
38) Carbon Tetrachloride	8.07	117	68385	21.805	ug/l	97

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Manual Integrations
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Quant Time: Jul 10 02:36:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77405	21.426	ug/l	98
40) Benzene	8.32	78	205921	21.836	ug/l	98
41) Methacrylonitrile	7.48	41	20636	22.351	ug/l	93
42) 1,2-Dichloroethane	8.40	62	65461	21.448	ug/l	100
43) Isopropyl Acetate	8.43	43	64147	21.088	ug/l	99
44) Trichloroethene	9.09	130	51339	21.594	ug/l	98
45) 1,2-Dichloropropane	9.37	63	54211	22.109	ug/l	97
46) Dibromomethane	9.46	93	27771	21.540	ug/l	97
47) Bromodichloromethane	9.65	83	67942	21.421	ug/l	98
48) Methyl methacrylate	9.44	41	30252	20.882	ug/l	96
49) 1,4-Dioxane	9.45	88	9050	469.659	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	172434	109.543	ug/l	99
52) Toluene	10.39	92	129081	22.074	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64685	20.425	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	74978	20.973	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38474	21.486	ug/l	98
56) Ethyl methacrylate	10.65	69	45260	20.712	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65741	21.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92734	89.523	ug/l	99
59) 2-Hexanone	10.98	43	118495	109.624	ug/l	98
60) Dibromochloromethane	11.13	129	44946	21.502	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36536	21.336	ug/l	99
64) Tetrachloroethene	10.87	164	50557	22.982	ug/l	97
65) Chlorobenzene	11.66	112	142080	21.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49654	21.673	ug/l	99
67) Ethyl Benzene	11.74	91	242914	21.668	ug/l	99
68) m/p-Xylenes	11.84	106	189114	44.053	ug/l	99
69) o-Xylene	12.17	106	86319	21.791	ug/l	100
70) Styrene	12.19	104	148408	22.032	ug/l	99
71) Bromoform	12.35	173	27492	21.743	ug/l #	99
73) Isopropylbenzene	12.47	105	236348	21.745	ug/l	99
74) N-amyl acetate	12.28	43	61964	21.032	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47175	21.410	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31242m	19.823	ug/l	
77) Bromobenzene	12.75	156	58155	21.552	ug/l	98
78) n-propylbenzene	12.81	91	299002	21.914	ug/l	100
79) 2-Chlorotoluene	12.90	91	171126	21.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	211053	22.529	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	13070	20.286	ug/l	99
82) 4-Chlorotoluene	12.99	91	186393	22.113	ug/l	99
83) tert-Butylbenzene	13.21	119	169771	21.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	215472	22.141	ug/l	99
85) sec-Butylbenzene	13.39	105	258770	22.390	ug/l	100
86) p-Isopropyltoluene	13.51	119	221529	21.936	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	119436	21.846	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	118962	21.639	ug/l	99
89) n-Butylbenzene	13.83	91	214195	21.562	ug/l	100
90) Hexachloroethane	14.10	117	41337	21.249	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106918	21.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8199	21.496	ug/l	98

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MSVOA_W
ClientSampleId :
VW0709SBSD02

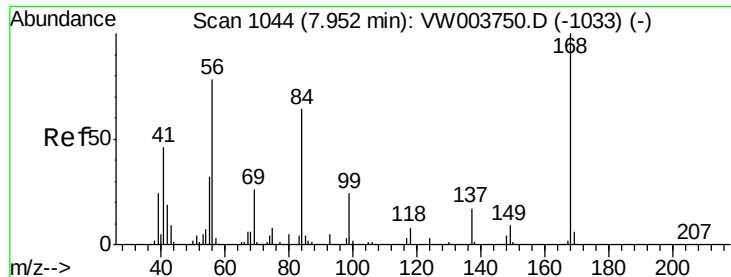
Manual Integrations
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7/10/2018 10:47:40 AM

Quant Time: Jul 10 02:36:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69950	21.001	ug/l	100
94) Hexachlorobutadiene	15.24	225	39949	20.969	ug/l	98
95) Naphthalene	15.38	128	123059	20.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	62235	20.868	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

Tot Ion:168 Resp: 192572

Ion Ratio Lower Upper

168 100

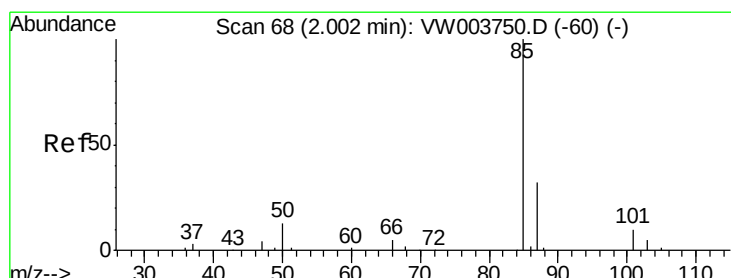
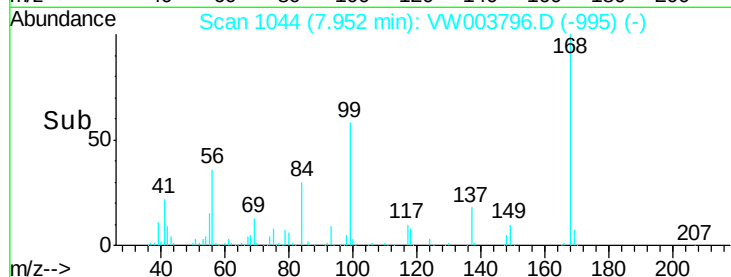
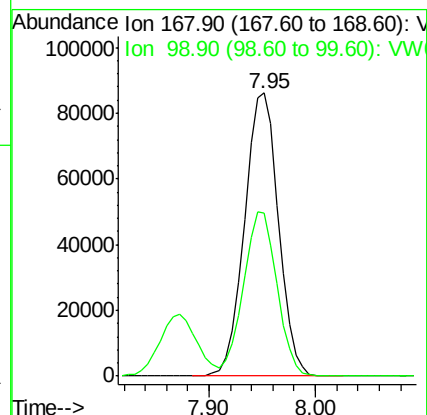
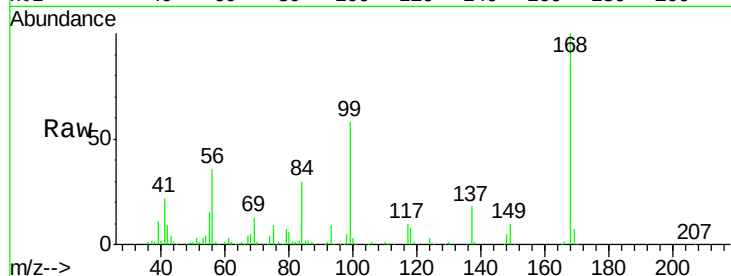
99 57.6 45.0 67.6

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#2

Dichlorodifluoromethane

Concen: 20.160 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003796.D

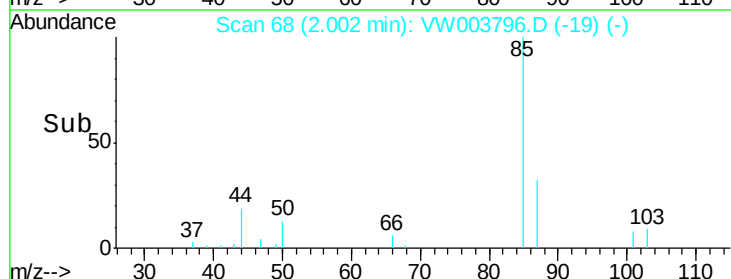
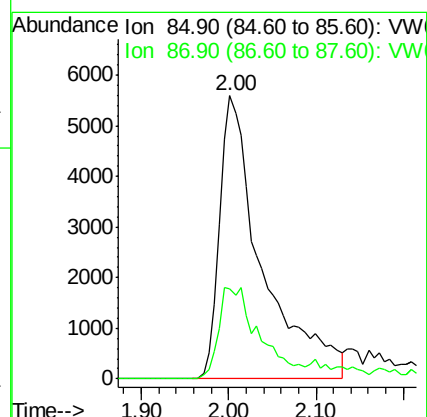
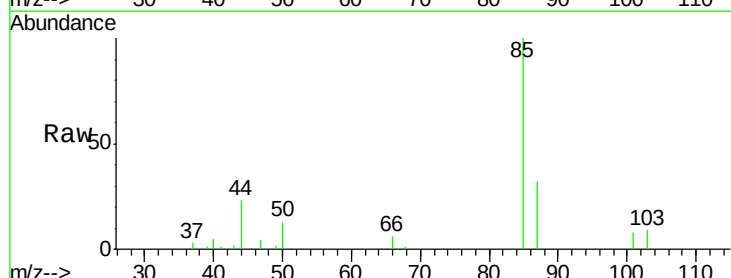
Acq: 10 Jul 2018 01:05

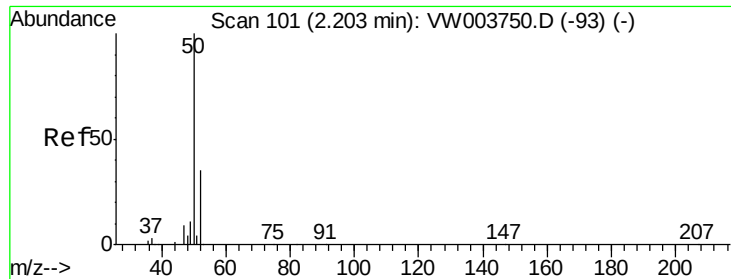
Tgt Ion: 85 Resp: 18881

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5





#3

Chloromethane

Concen: 21.636 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 50 Resp: 38469

Ion Ratio Lower Upper

50 100

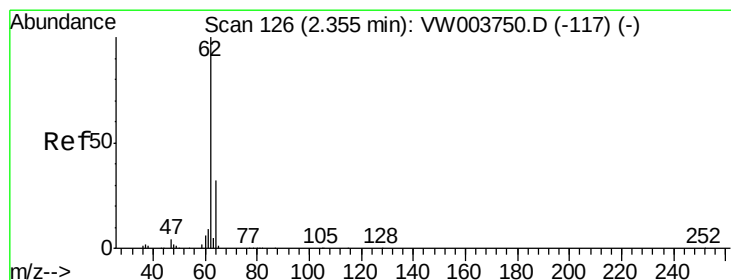
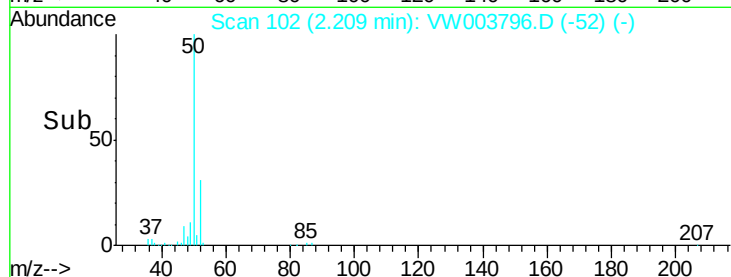
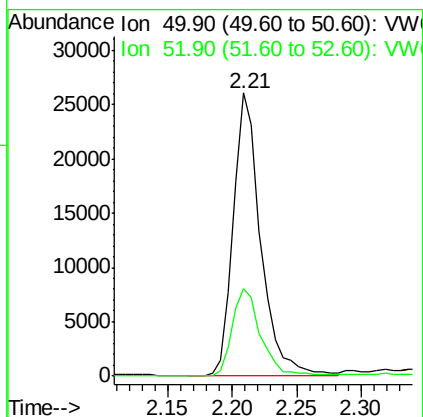
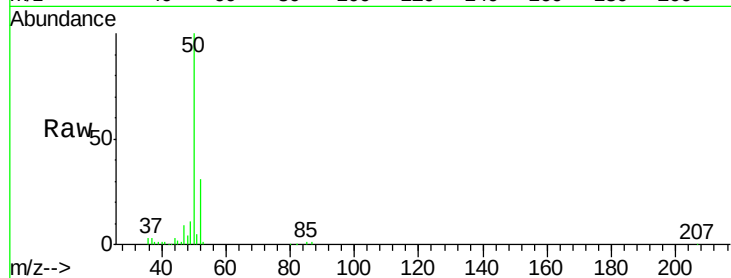
52 31.2 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.044 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW003796.D

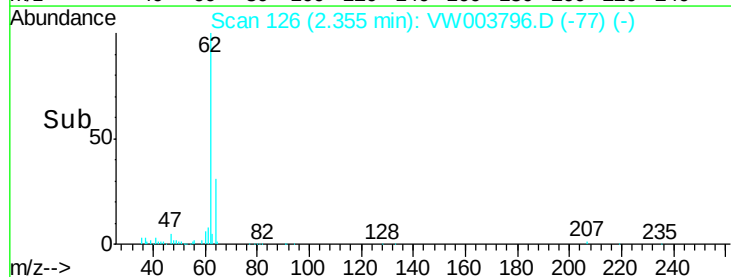
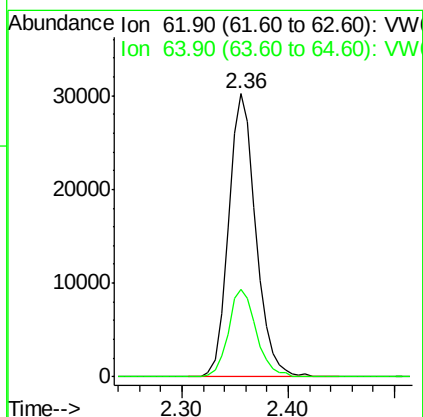
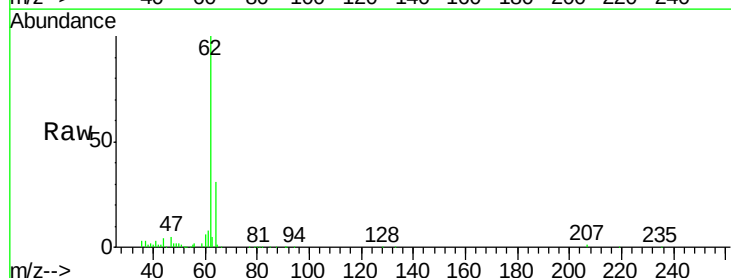
Acq: 10 Jul 2018 01:05

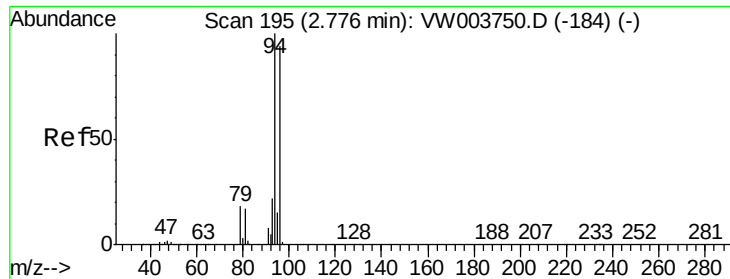
Tgt Ion: 62 Resp: 54040

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 19.755 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 94 Resp: 32702

Ion Ratio Lower Upper

94 100

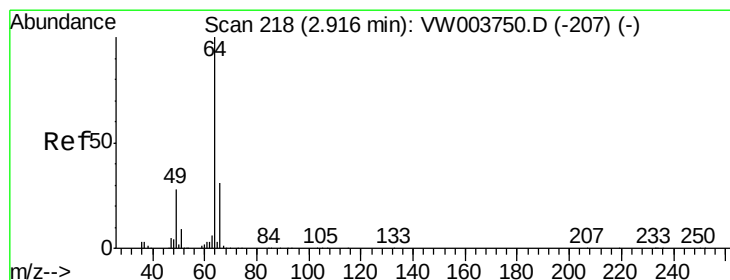
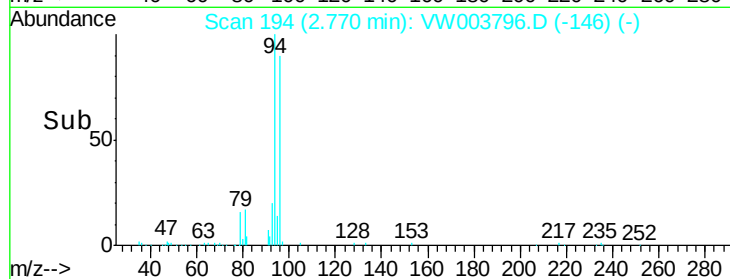
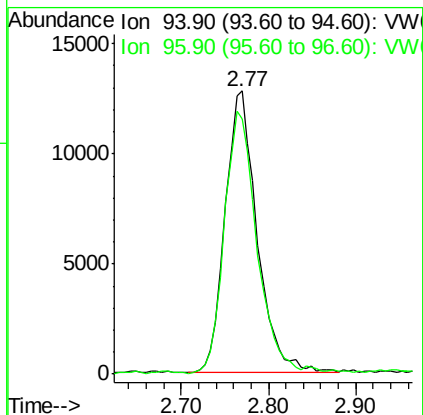
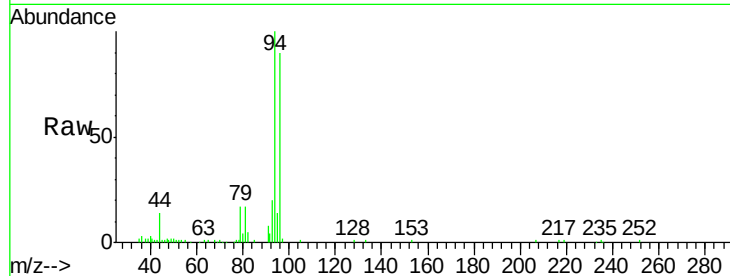
96 90.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.997 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003796.D

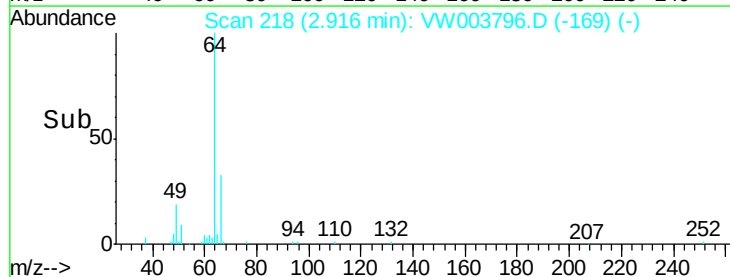
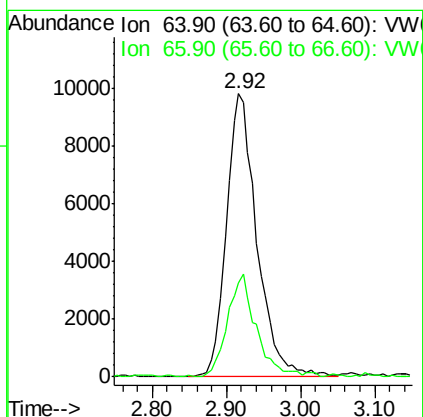
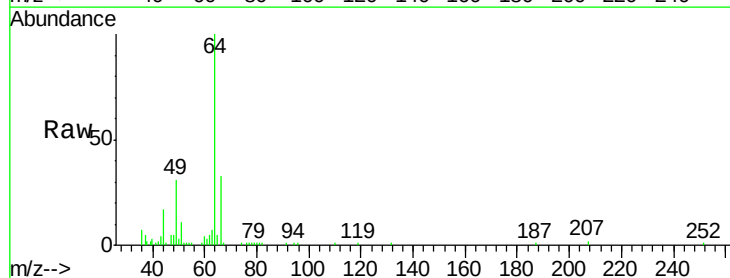
Acq: 10 Jul 2018 01:05

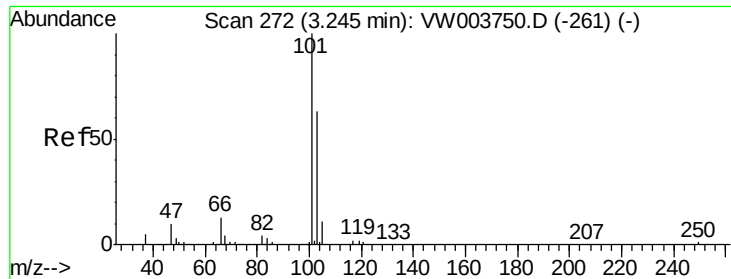
Tgt Ion: 64 Resp: 28124

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7





#7

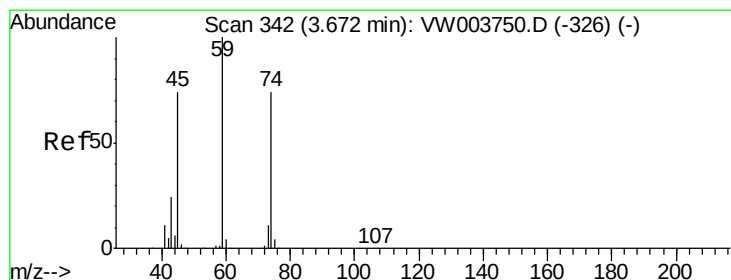
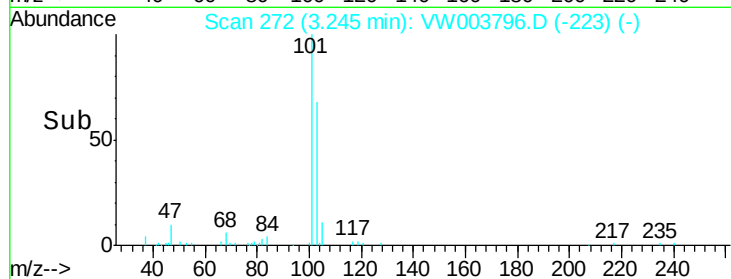
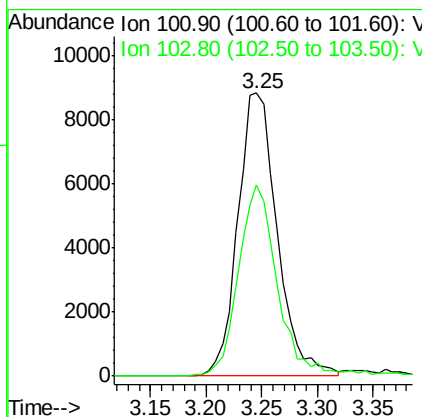
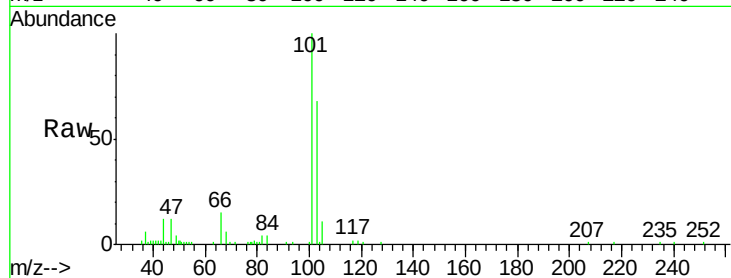
Trichlorofluoromethane
 Concen: 22.912 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
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 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	50.7	76.1

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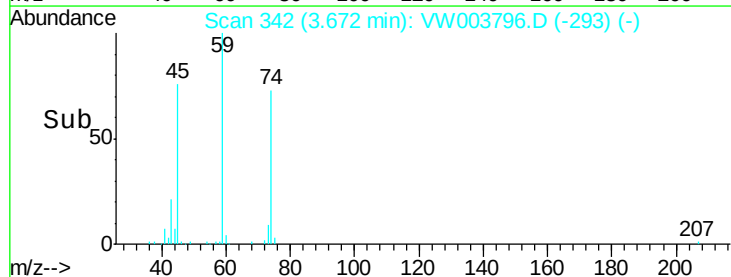
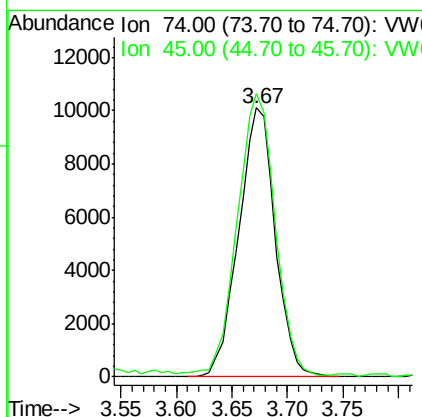
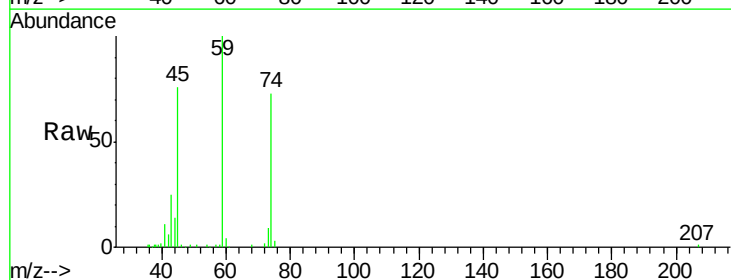
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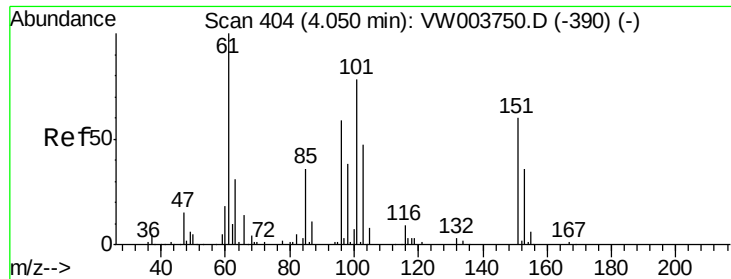


#8

Diethyl Ether
 Concen: 23.712 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.662 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

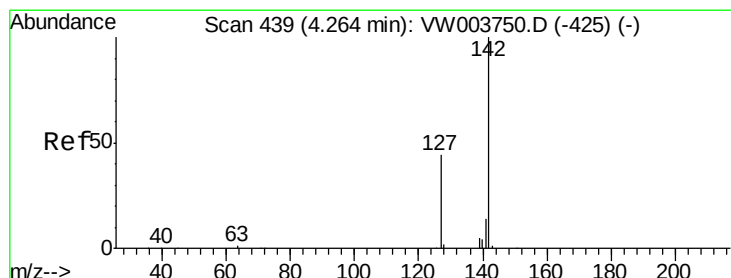
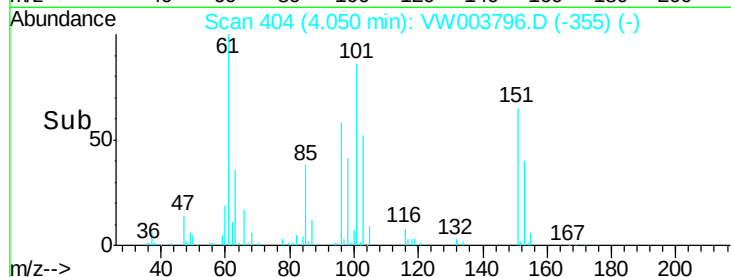
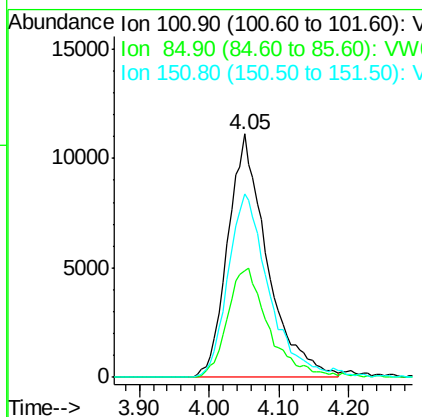
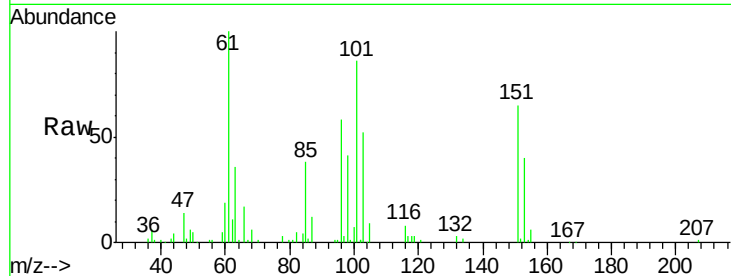
ClientSampleId :

VW0709SBS02

Tot Ion:	101	Resp:	43594
Ion Ratio	Lower	Upper	
101	100		
85	46.6	37.1	55.7
151	77.4	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 23.851 ug/l

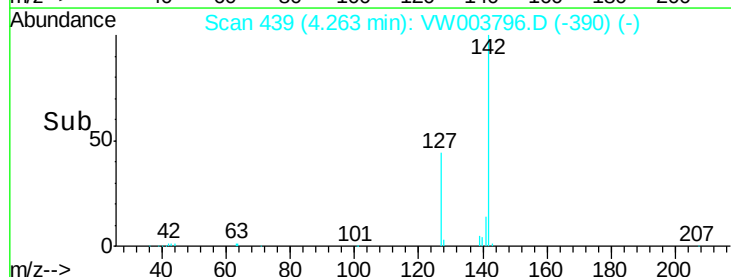
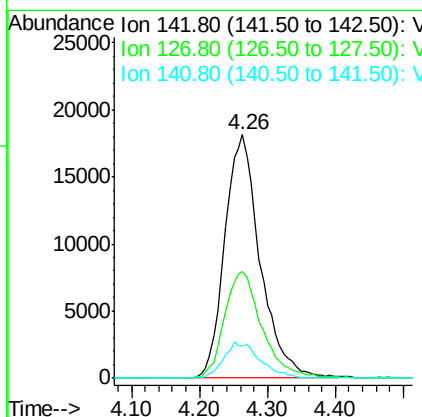
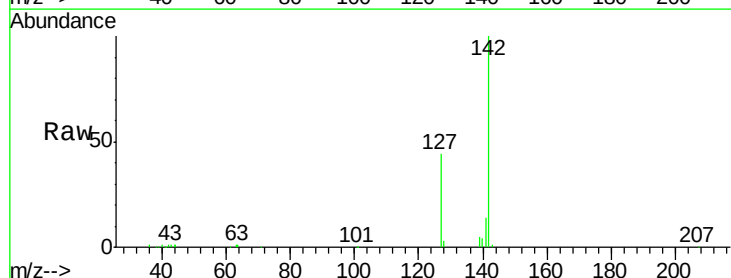
RT: 4.26 min Scan# 439

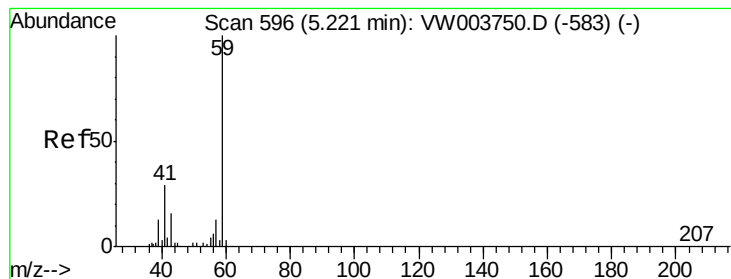
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	142	Resp:	65409
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.1	54.1
141	15.1	11.6	17.4





#11

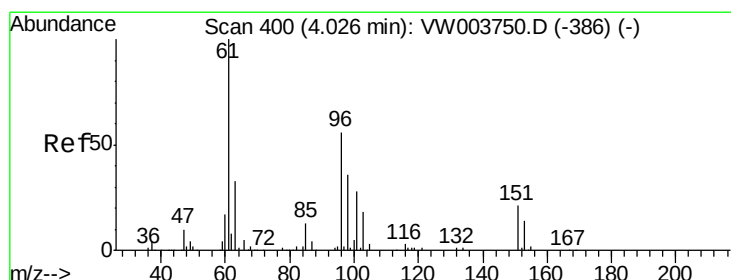
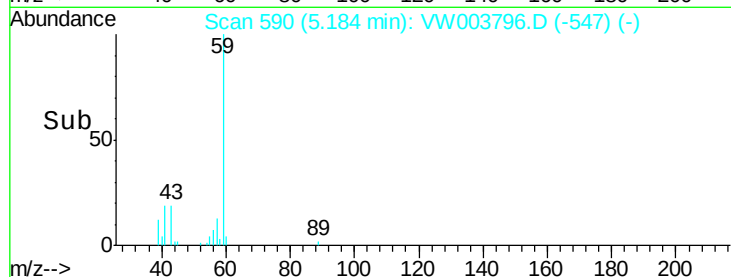
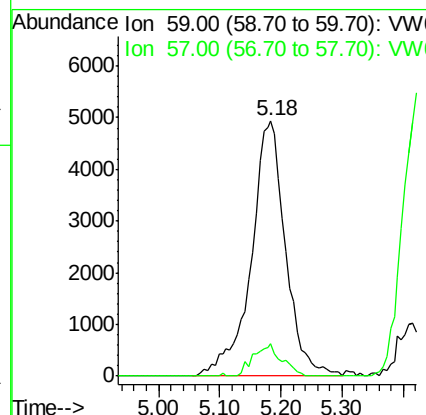
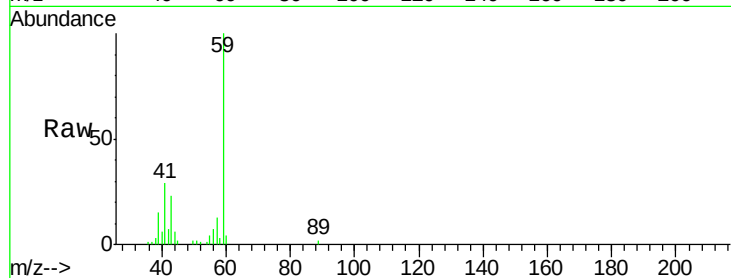
Tert butyl alcohol
Concen: 141.865 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.04 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	59	Resp	19361
Ion Ratio	100	Lower	Upper
57	10.4	9.3	13.9

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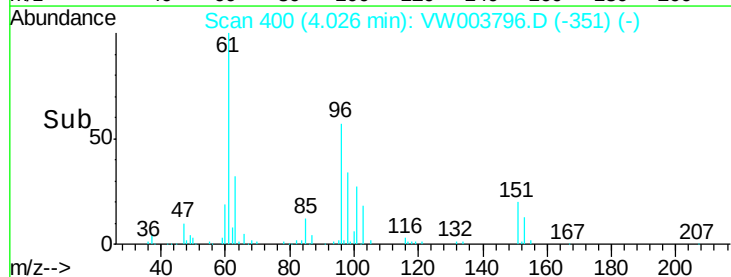
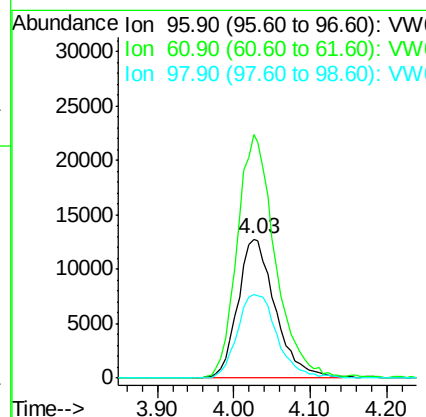
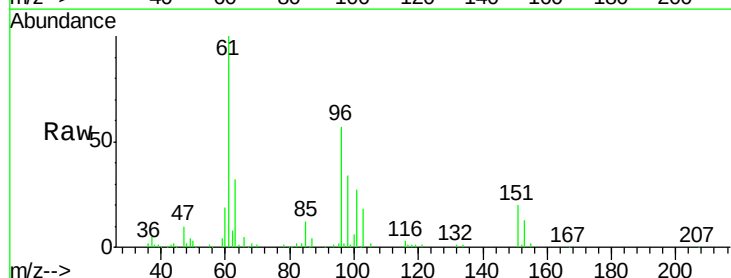
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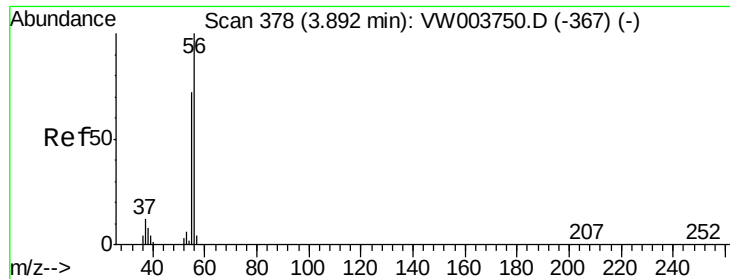


#12

1,1-Dichloroethene
Concen: 23.975 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	96	Resp	43371
Ion Ratio	100	Lower	Upper
61	174.8	143.2	214.8
98	60.0	51.4	77.0





#13

Acrolein

Concen: 96.676 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 56 Resp: 19679

Ion Ratio Lower Upper

56 100

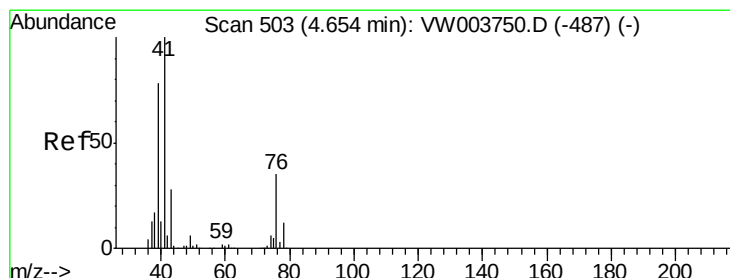
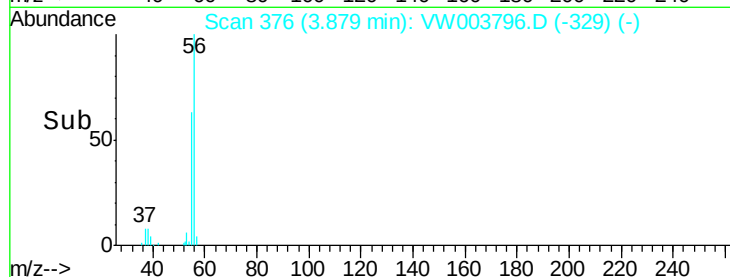
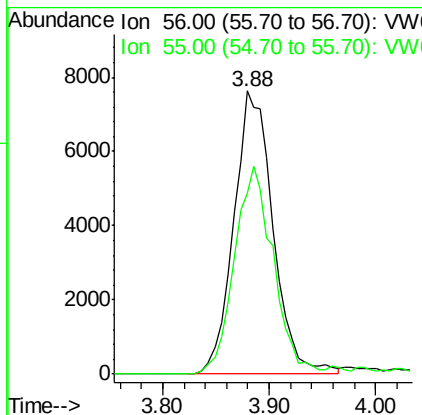
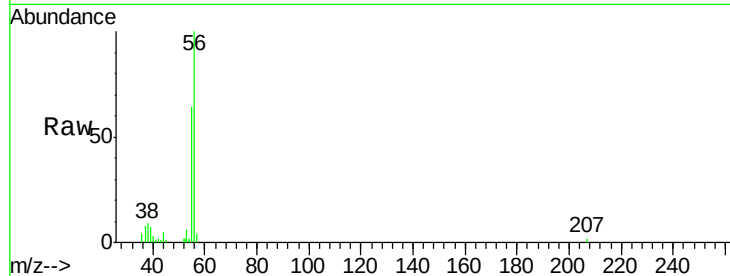
55 72.4 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 23.005 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

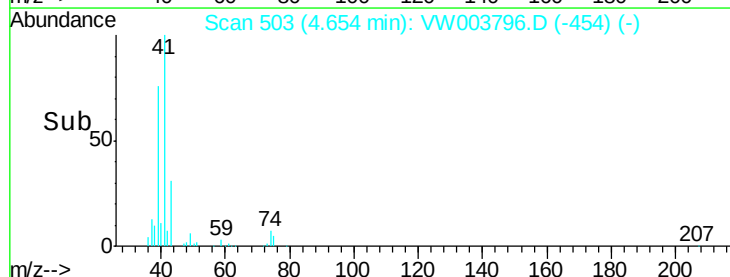
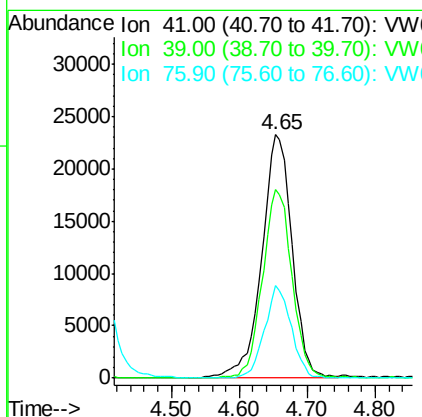
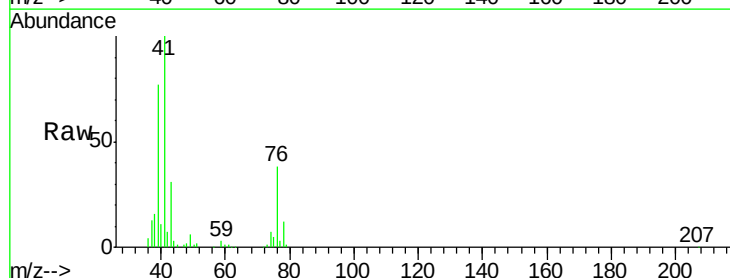
Tgt Ion: 41 Resp: 72355

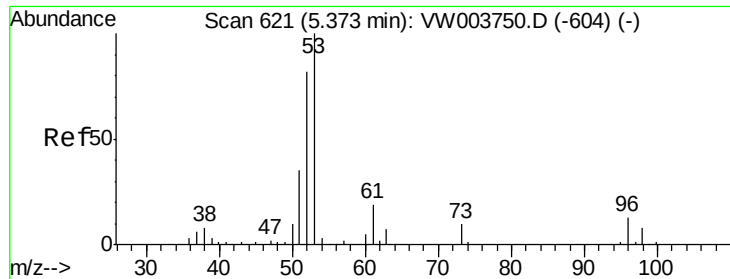
Ion Ratio Lower Upper

41 100

39 75.5 60.9 91.3

76 33.2 27.5 41.3





#15

Acrylonitrile

Concen: 115.049 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

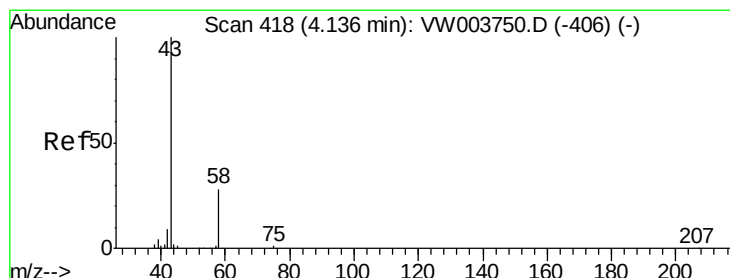
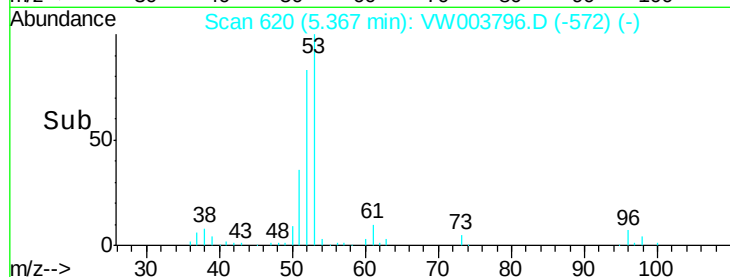
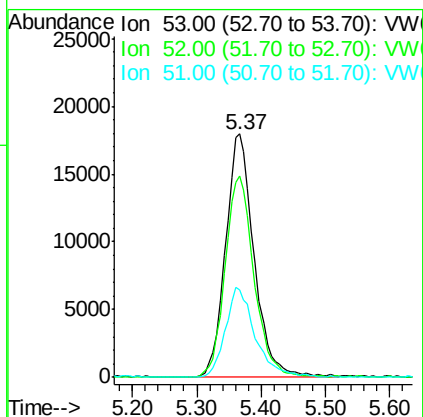
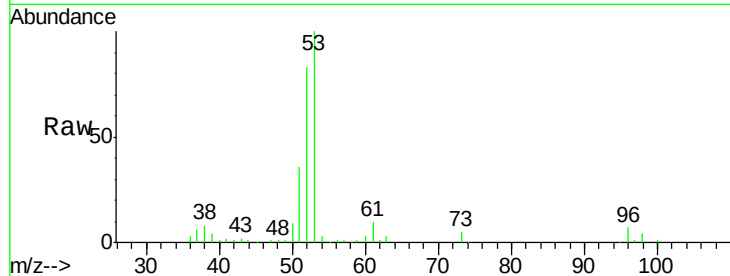
ClientSampleId :

VW0709SBS02

Tot Ion:	53	Resp:	55937
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.2	99.2
51	38.4	30.2	45.4

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#16

Acetone

Concen: 119.762 ug/l

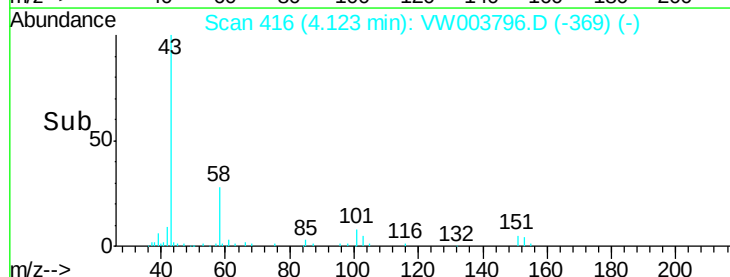
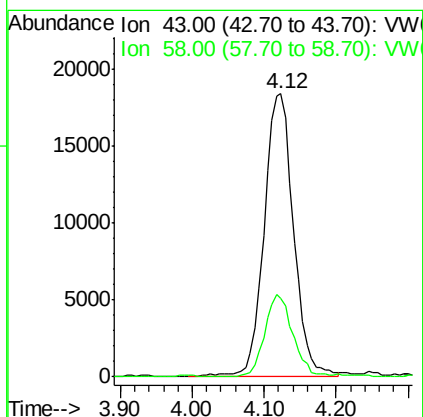
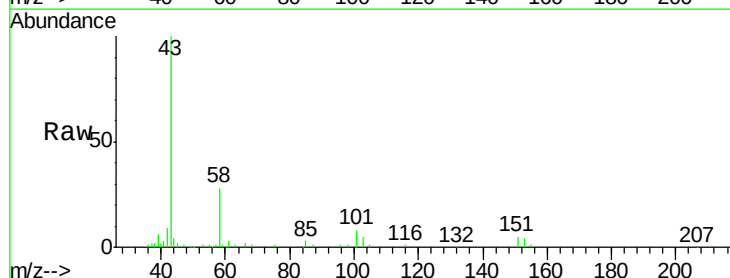
RT: 4.12 min Scan# 416

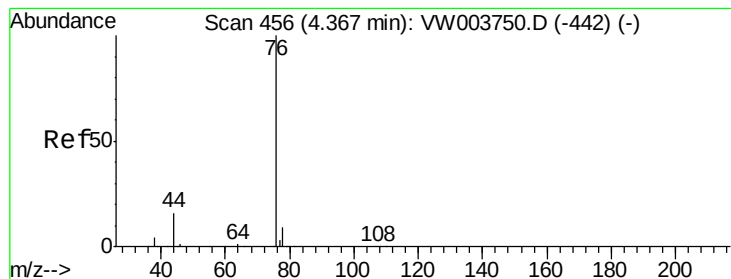
Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	43	Resp:	52326
Ion Ratio	Lower	Upper	
43	100		
58	27.1	22.6	34.0





#17

Carbon Disulfide

Concen: 23.899 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

Tot Ion: 76 Resp: 141739

Ion Ratio Lower Upper

76 100

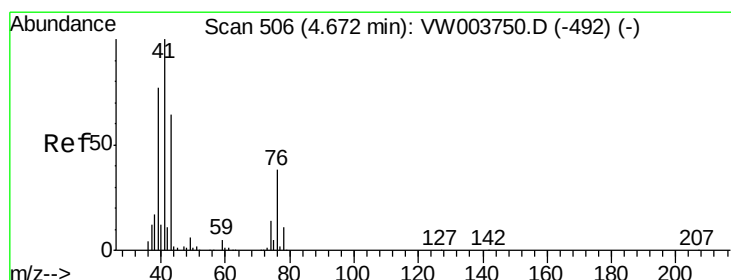
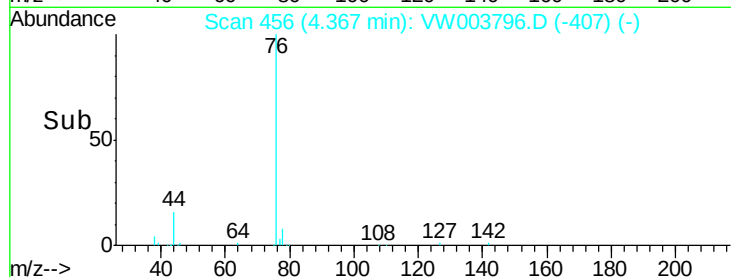
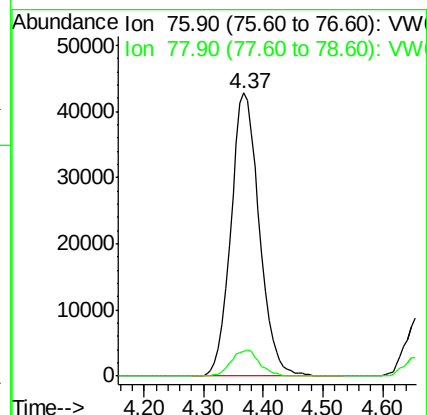
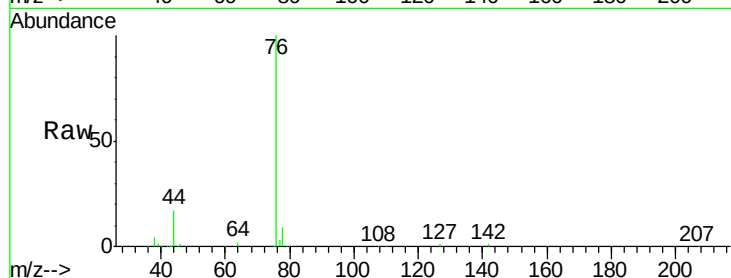
78 8.9 7.4 11.2

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#18

Methyl Acetate

Concen: 22.342 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: VW003796.D

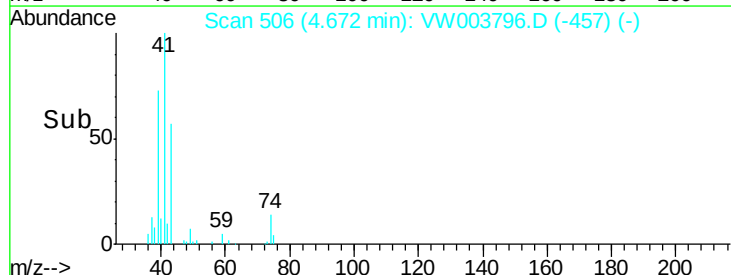
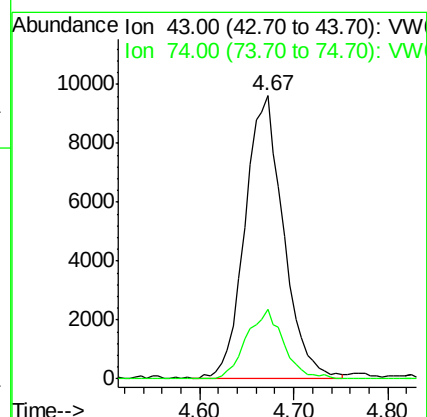
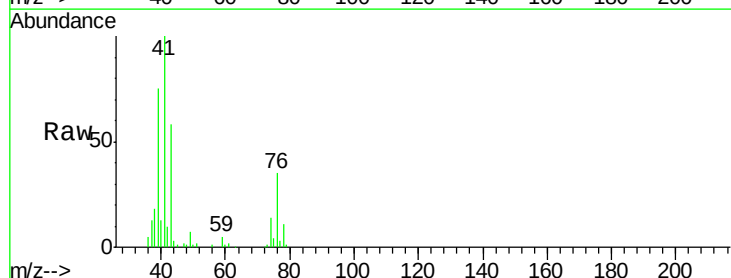
Acq: 10 Jul 2018 01:05

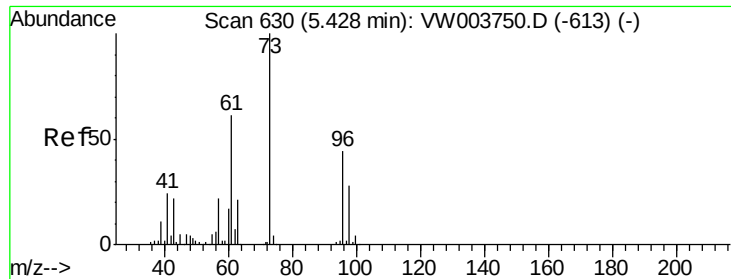
Tgt Ion: 43 Resp: 27522

Ion Ratio Lower Upper

43 100

74 23.6 17.3 25.9





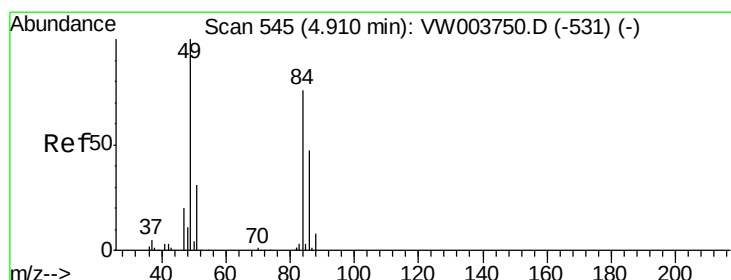
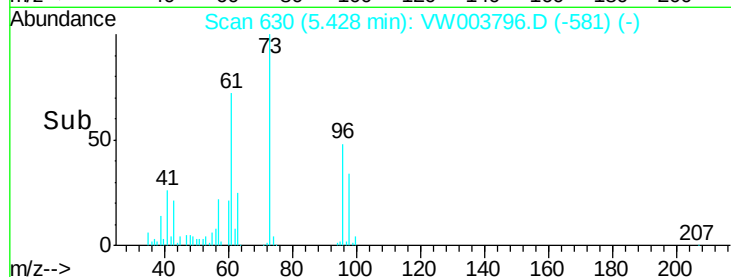
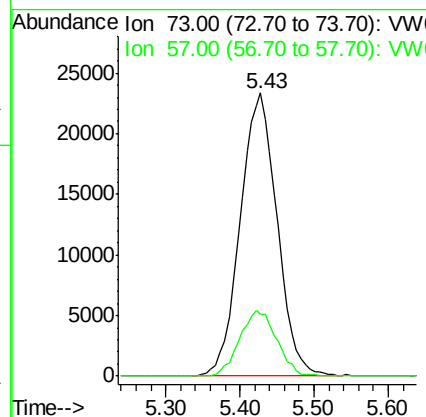
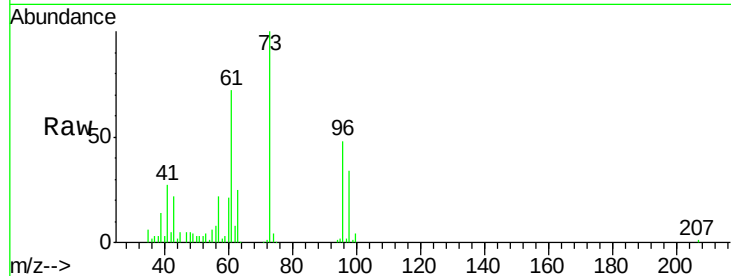
#19
Methyl tert-butyl Ether
Concen: 21.653 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.9	26.9

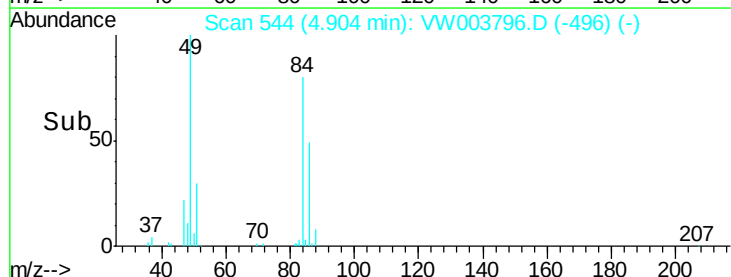
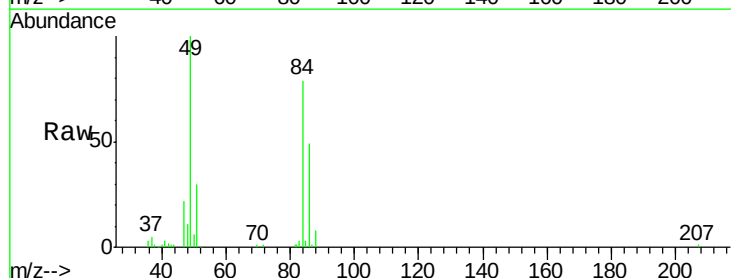
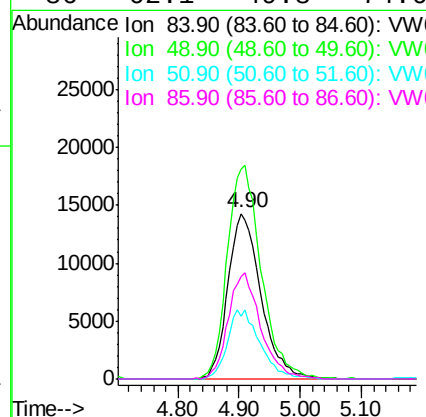
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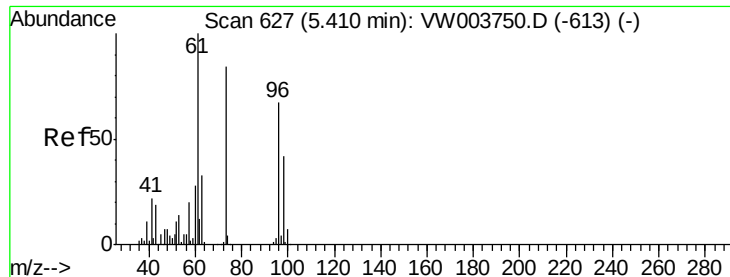
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#20
Methylene Chloride
Concen: 22.649 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.4	105.1	157.7
51	38.2	32.5	48.7
86	62.1	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 21.961 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 96 Resp: 47033

Ion Ratio Lower Upper

96 100

61 145.3 119.0 178.6

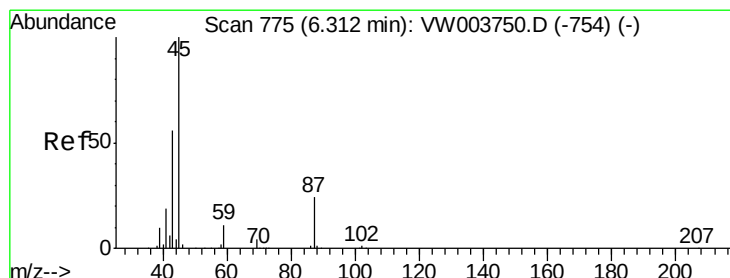
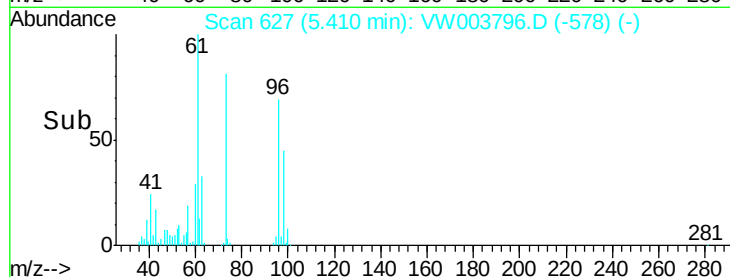
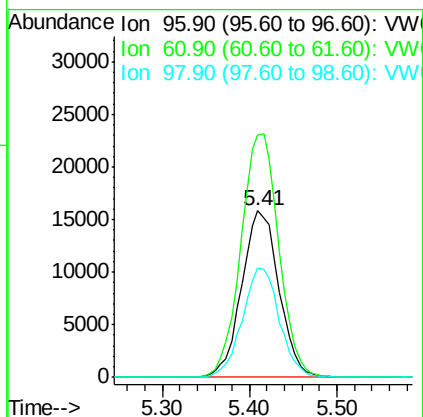
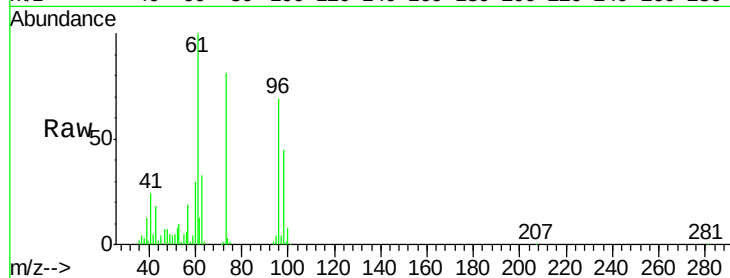
98 65.5 49.8 74.8

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#22

Diisopropyl ether

Concen: 22.329 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion: 45 Resp: 154393

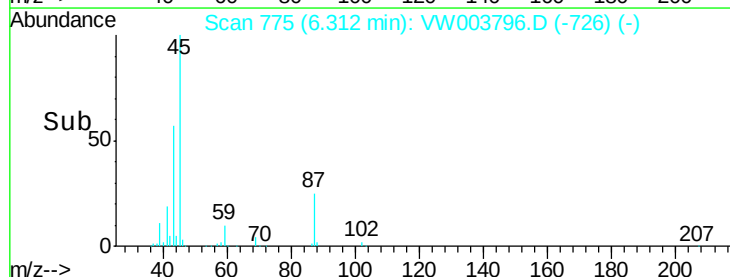
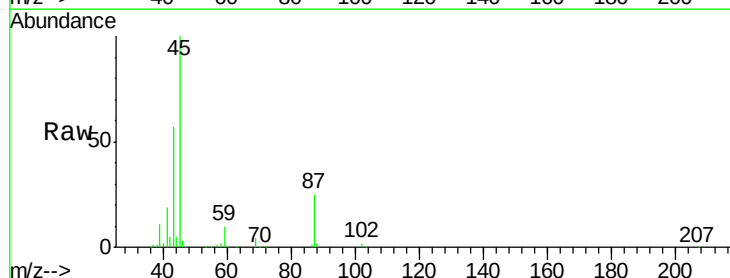
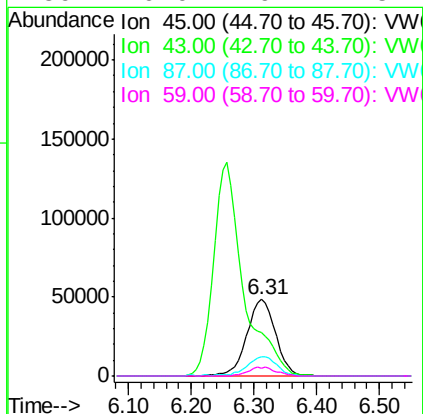
Ion Ratio Lower Upper

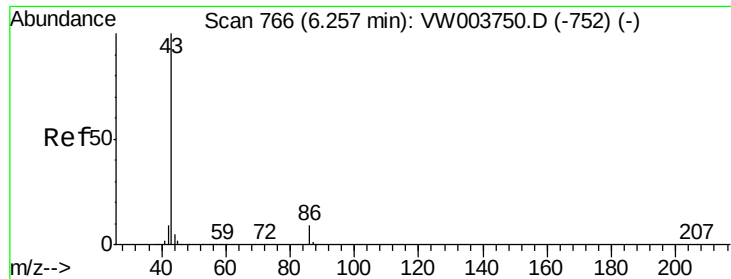
45 100

43 56.5 44.5 66.7

87 24.4 19.6 29.4

59 10.0 9.1 13.7





#23

Vinyl Acetate

Concen: 105.262 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion: 43 Resp: 444299

Ion Ratio Lower Upper

43 100

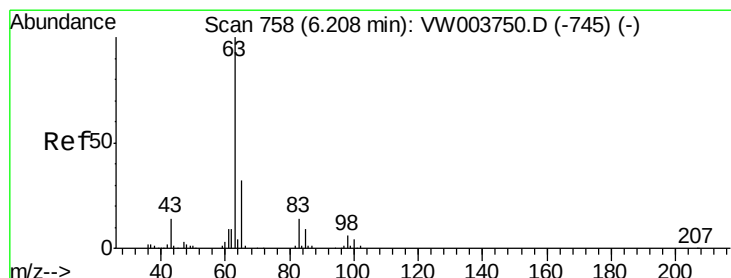
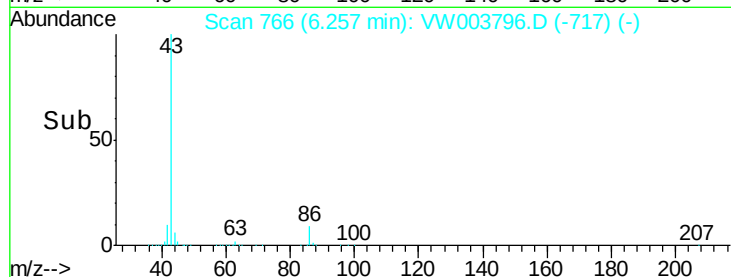
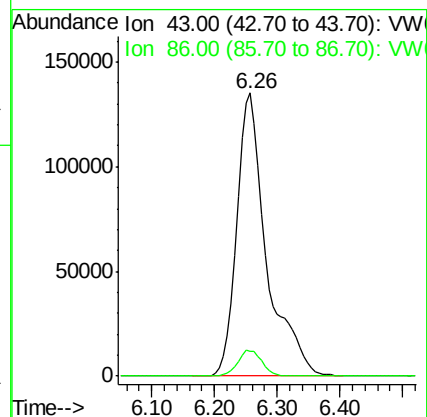
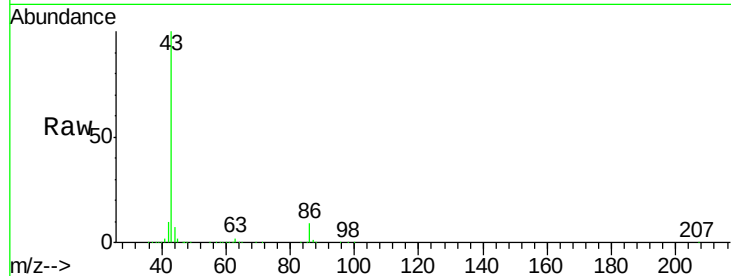
86 9.0 7.3 10.9

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#24

1,1-Dichloroethane

Concen: 21.709 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

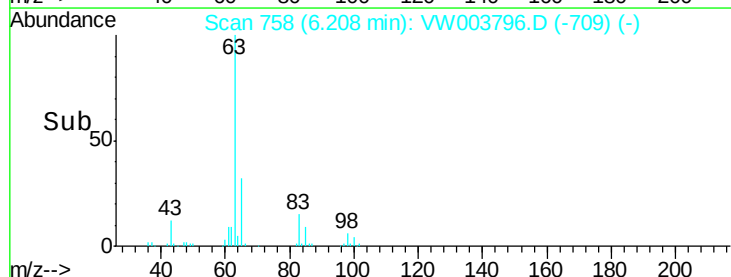
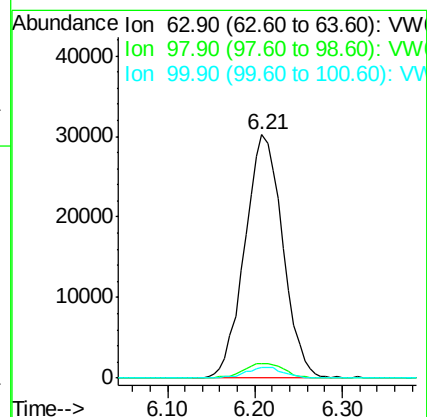
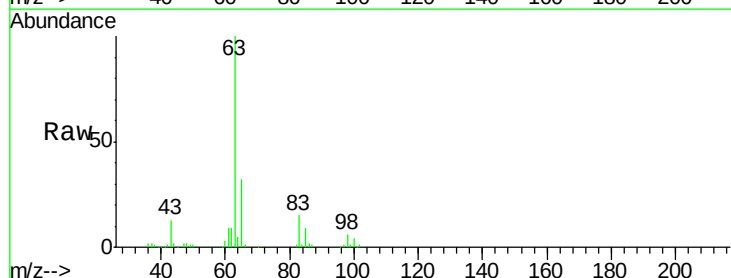
Tgt Ion: 63 Resp: 90784

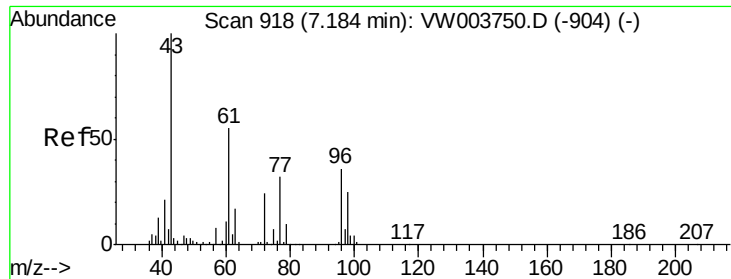
Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.2 2.1 6.2





#25

2-Butanone

Concen: 109.761 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS02

Tot Ion: 43 Resp: 75113

Ion Ratio Lower Upper

43 100

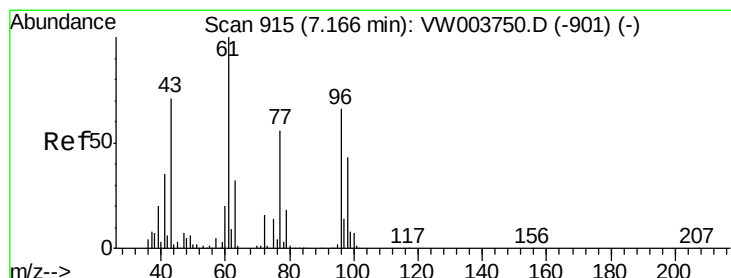
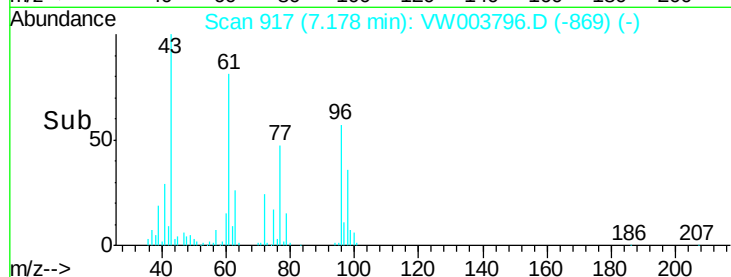
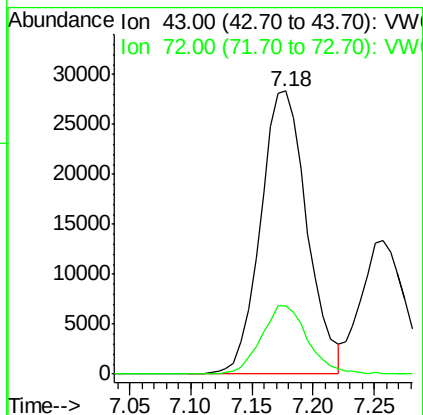
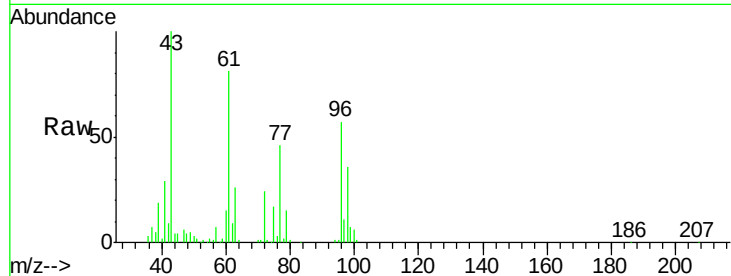
72 24.0 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 21.032 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW003796.D

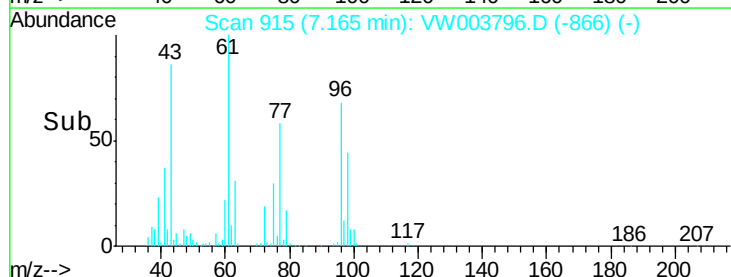
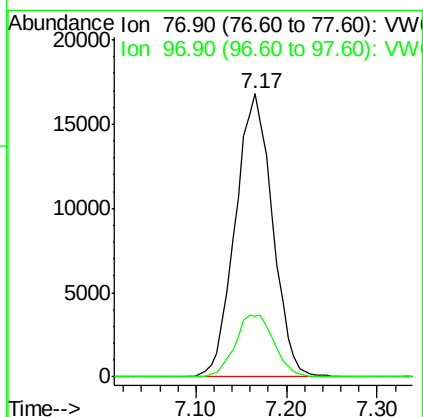
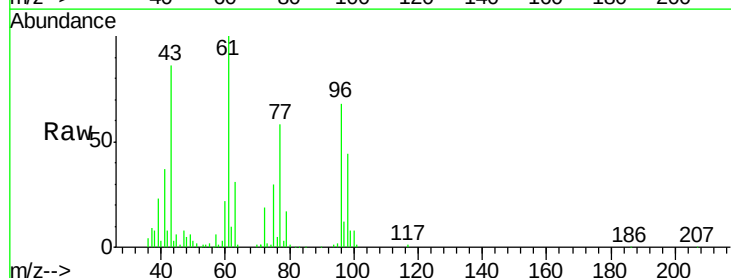
Acq: 10 Jul 2018 01:05

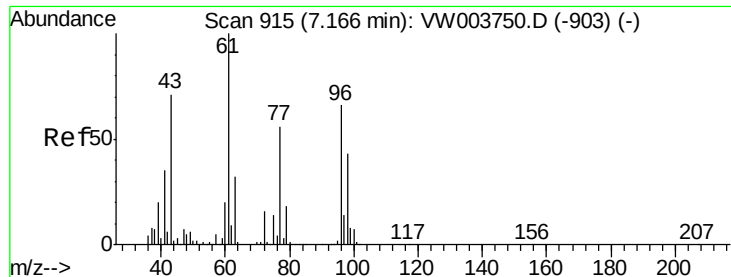
Tgt Ion: 77 Resp: 47706

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

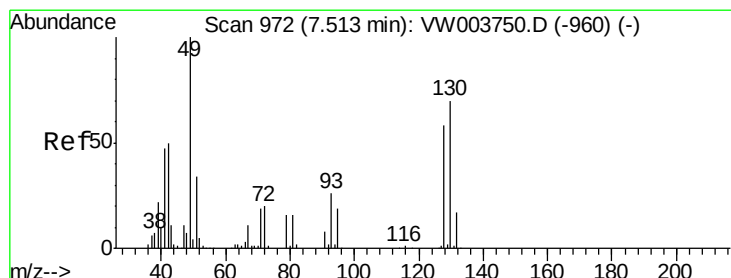
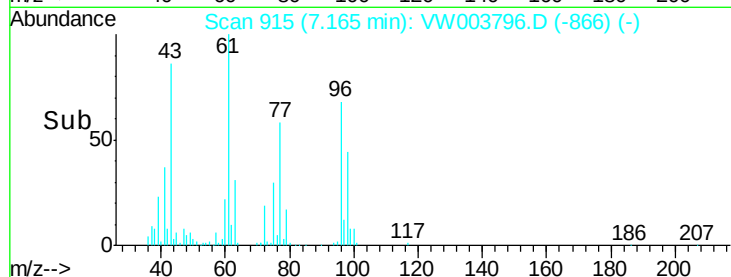
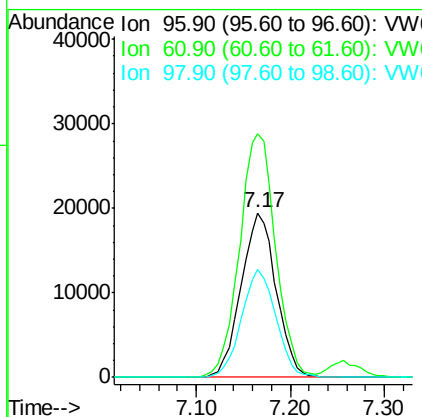
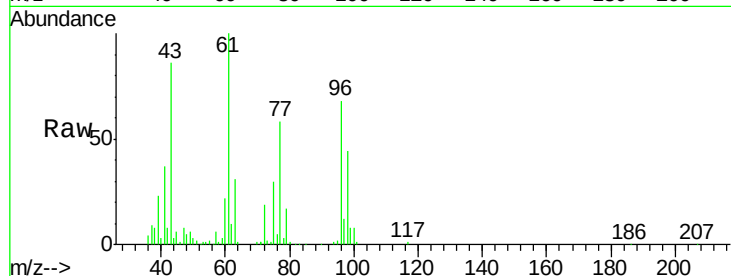
cis-1,2-Dichloroethene
Concen: 21.383 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	300.8
98	64.6	0.0	128.6

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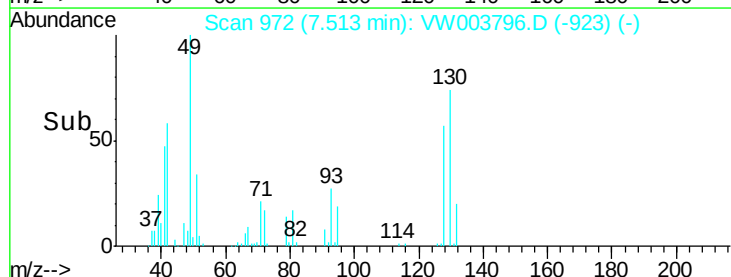
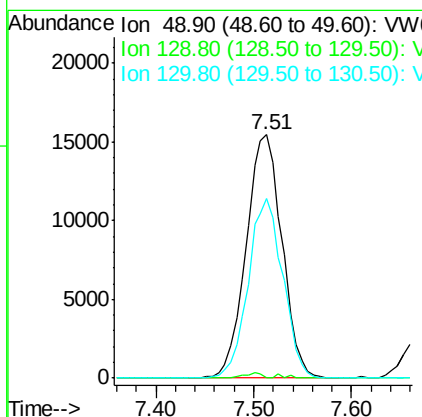
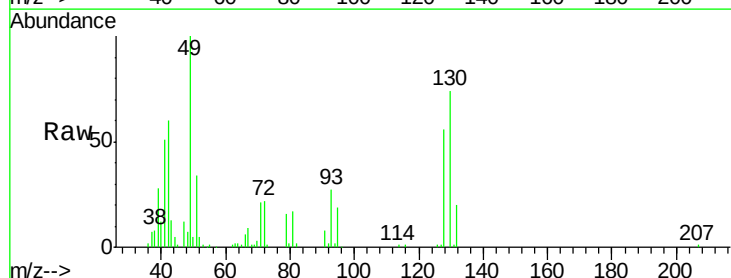
apatel
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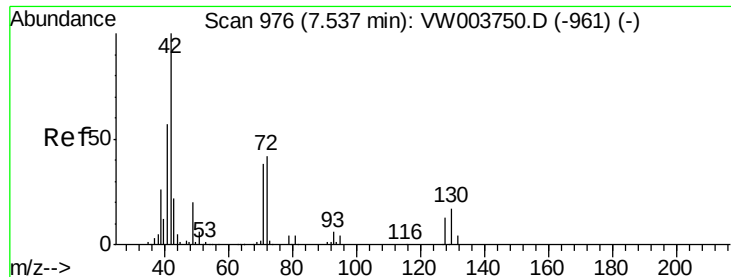


#28

Bromochloromethane
Concen: 21.039 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.4
130	71.4	56.9	85.3





#29

Tetrahydrofuran

Concen: 111.039 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

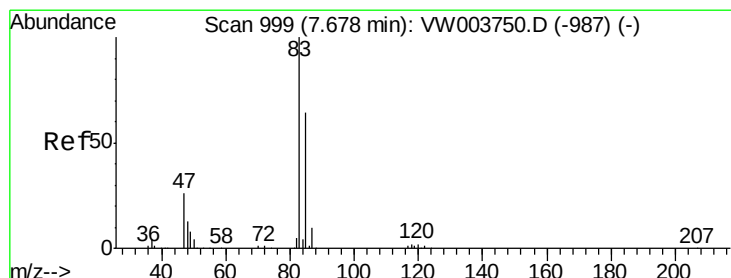
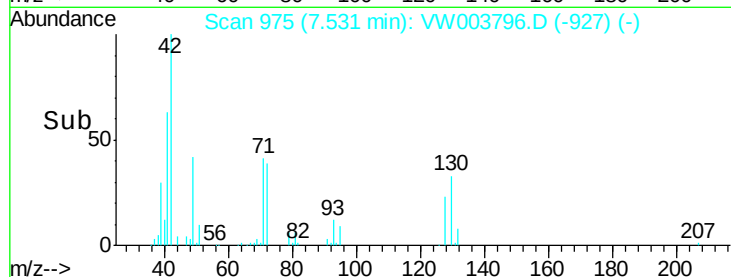
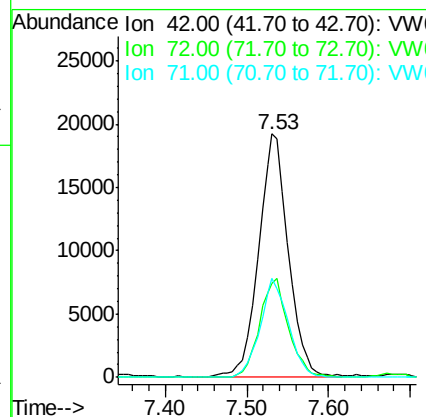
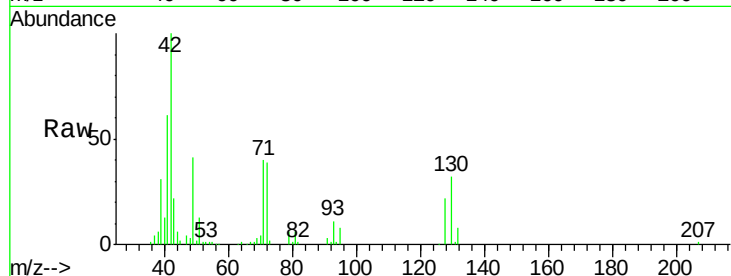
ClientSampleId :

VW0709SBS02

Tot Ion:	42	Resp:	48848
Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.8	47.8
71	38.7	30.3	45.5

Manual Integrations
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#30

Chloroform

Concen: 21.946 ug/l

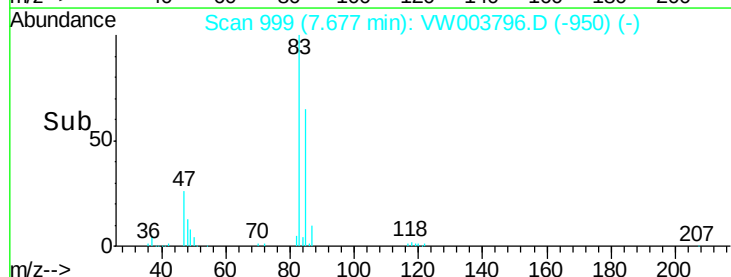
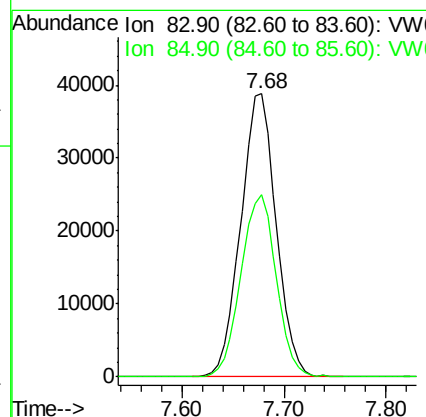
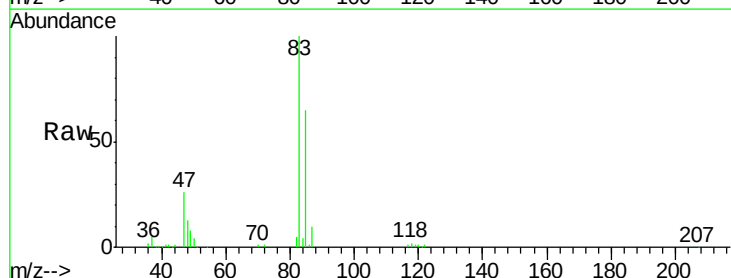
RT: 7.68 min Scan# 999

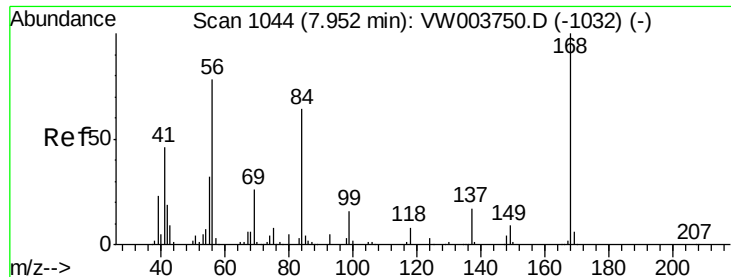
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	83	Resp:	93624
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





#31

Cyclohexane

Concen: 21.285 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

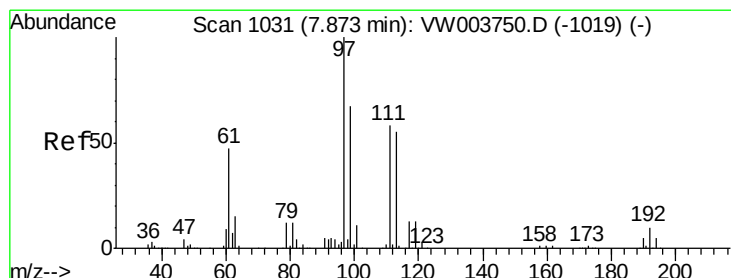
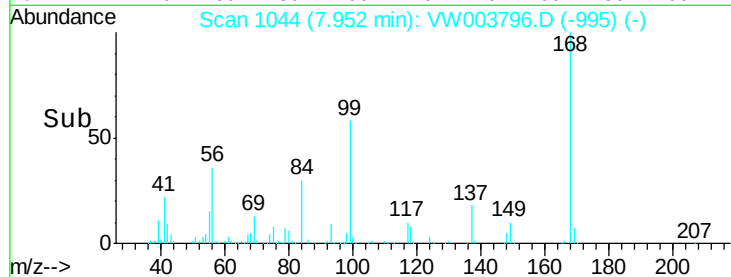
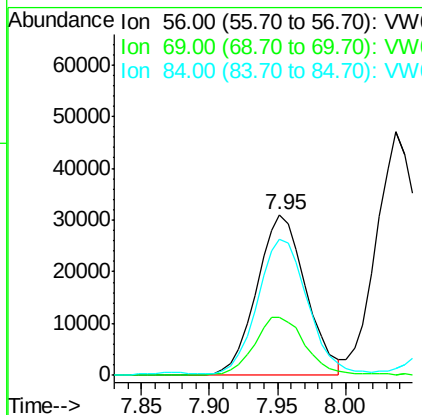
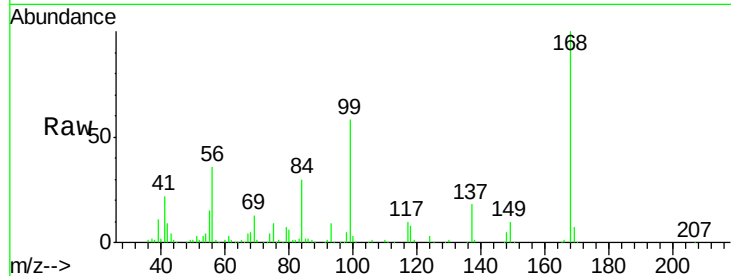
ClientSampleId :

VW0709SBS02

Tot Ion:	56	Resp:	78218
Ion Ratio	Lower	Upper	
56	100		
69	36.0	26.2	39.4
84	83.4	65.5	98.3

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#32

1,1,1-Trichloroethane

Concen: 22.352 ug/l

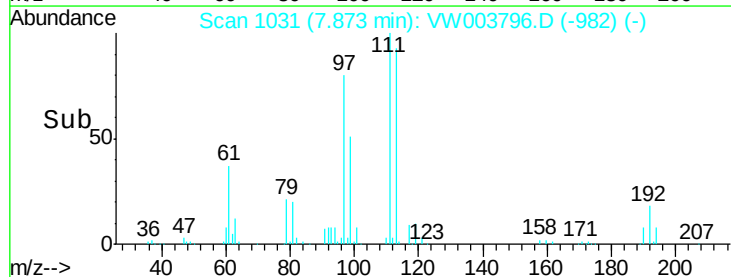
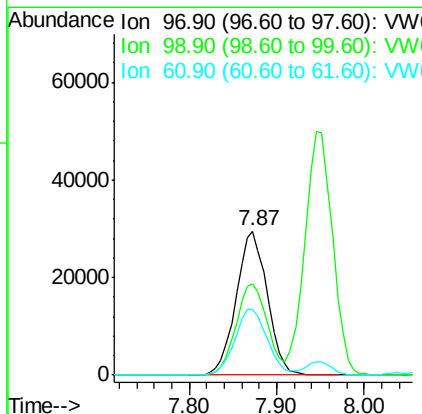
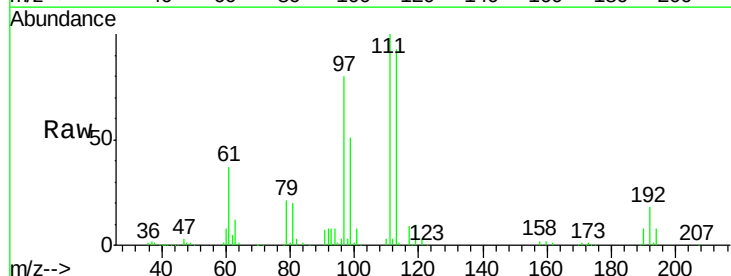
RT: 7.87 min Scan# 1031

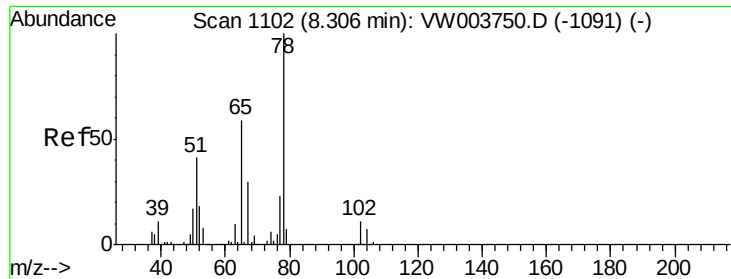
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	97	Resp:	72571
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.2	76.8
61	47.6	37.6	56.4





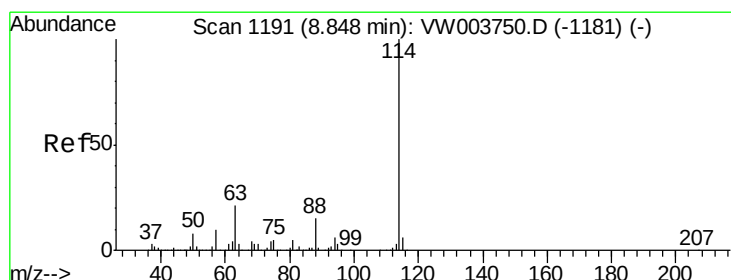
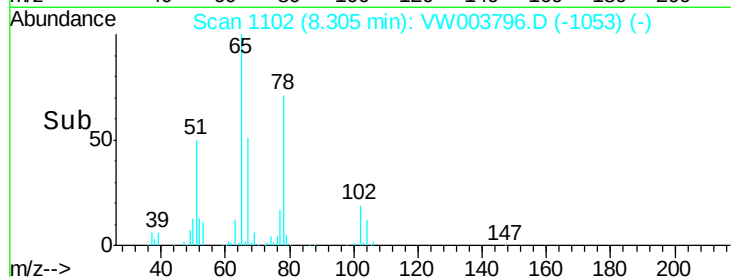
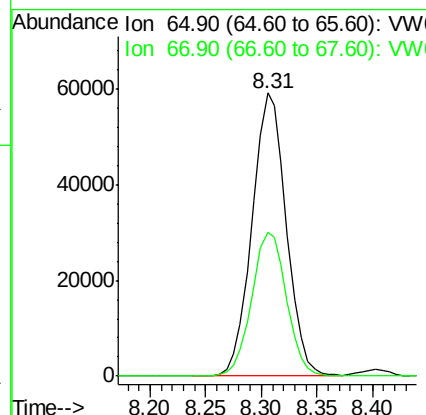
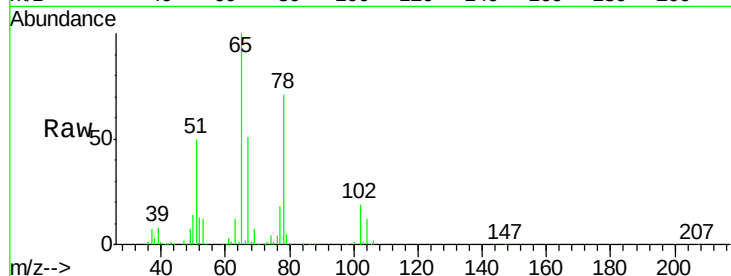
#33
 1,2-Dichloroethane-d4
 Concen: 50.274 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	103.8	

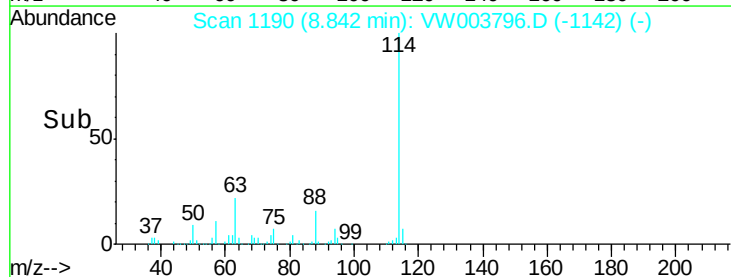
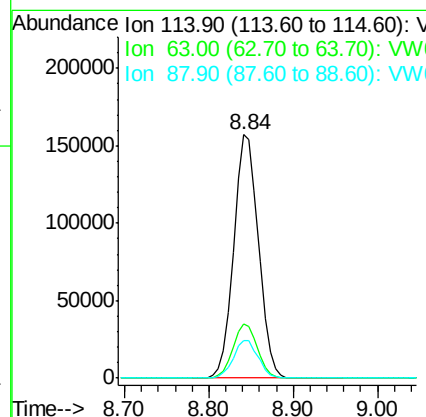
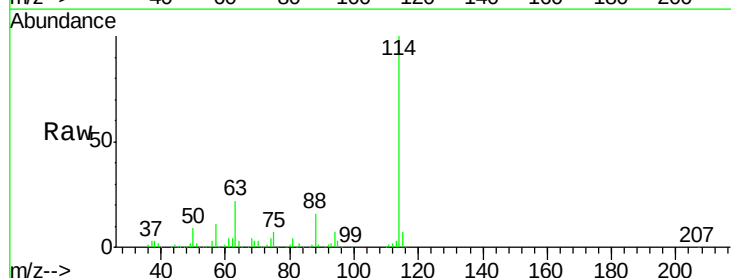
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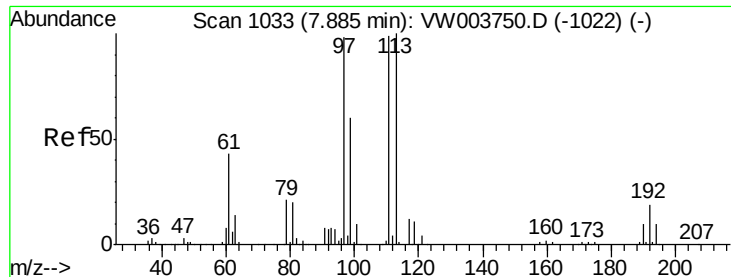
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.3	0.0	41.8	
88	15.6	0.0	30.2	





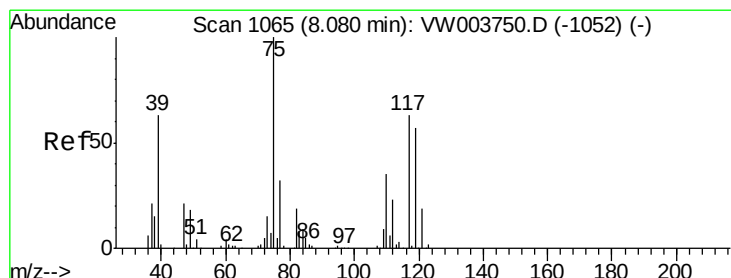
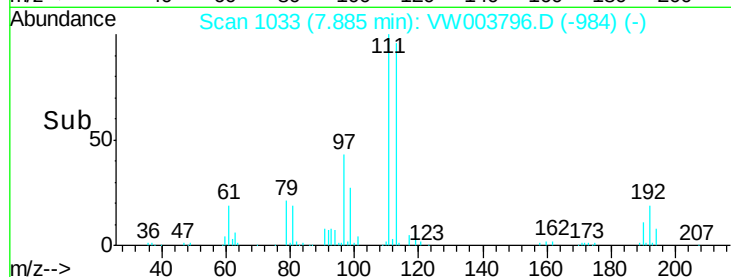
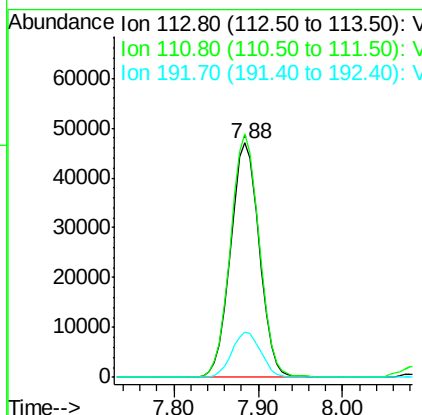
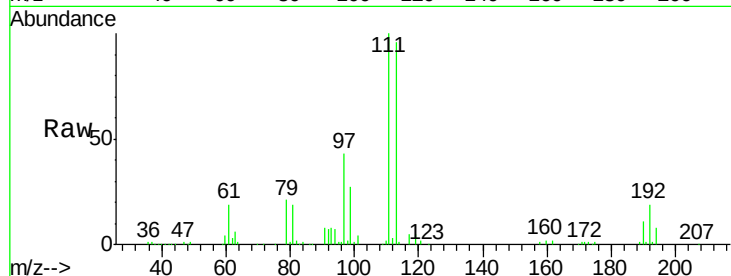
#35
 Dibromofluoromethane
 Concen: 49.954 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.7	122.5
192	19.5	15.8	23.8

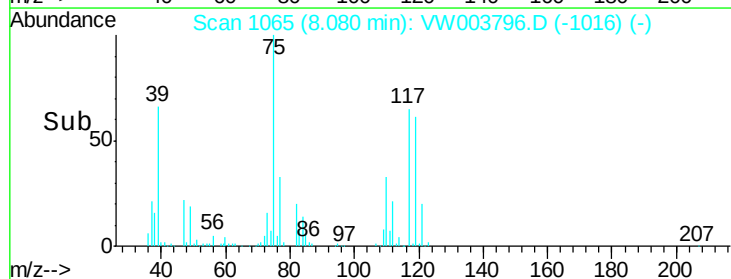
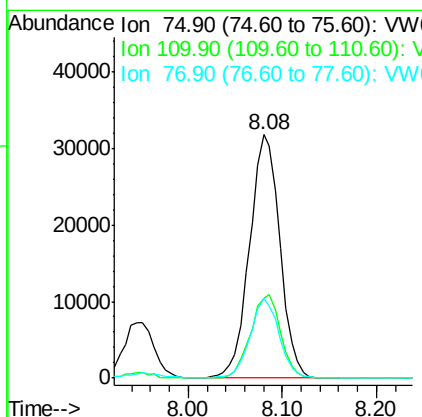
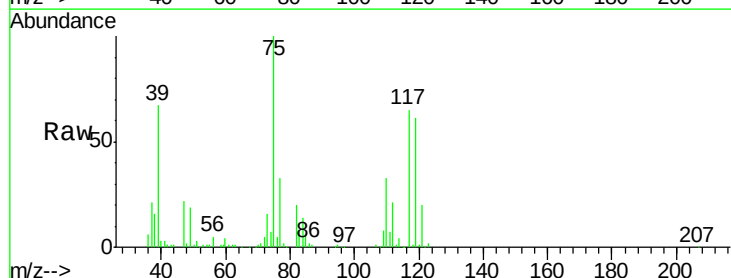
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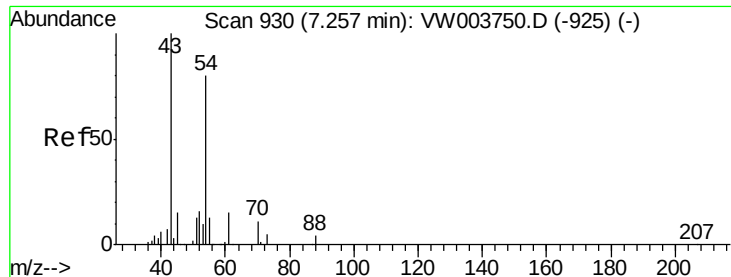
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.723 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	31.7	24.8	37.2





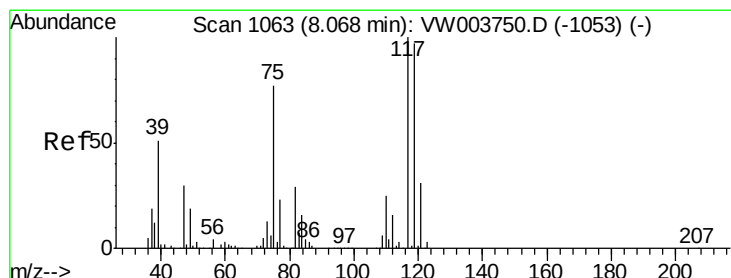
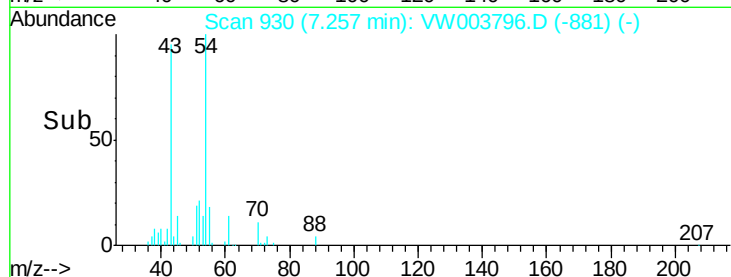
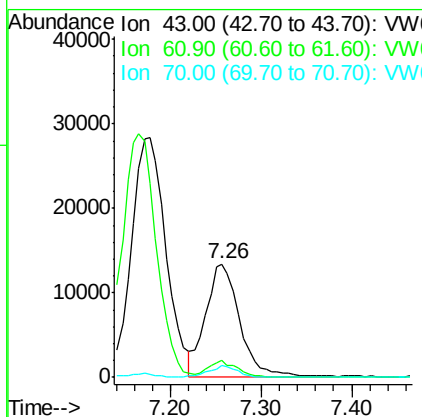
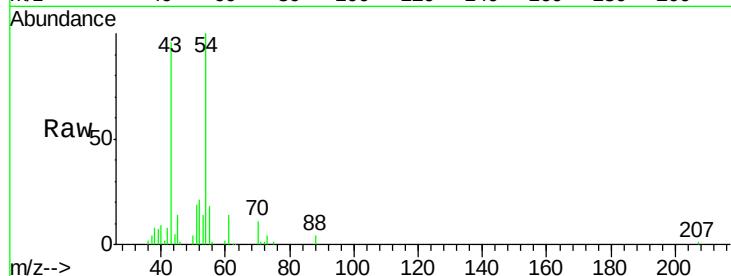
#37
Ethyl Acetate
Concen: 22.213 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.6	15.8
70	8.5	7.5	11.3

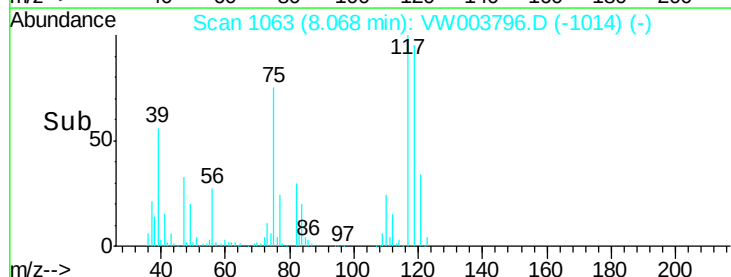
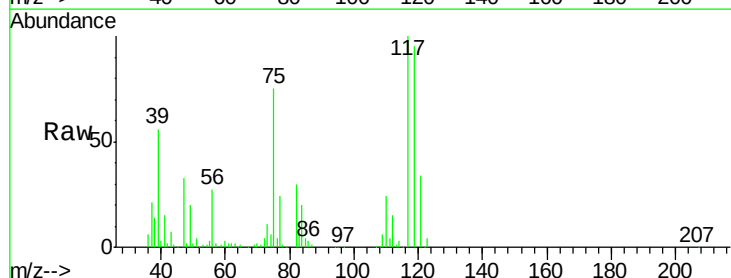
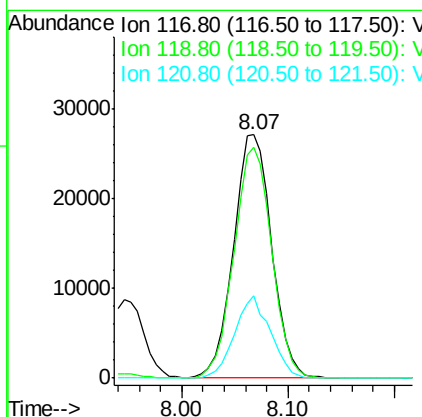
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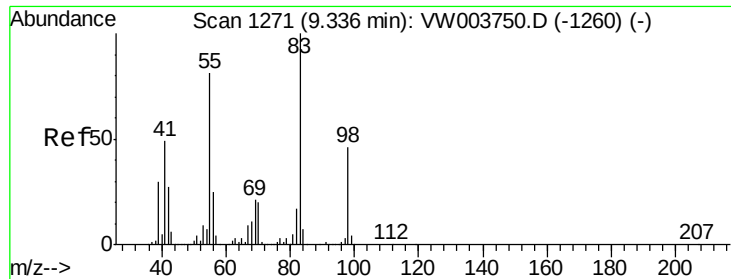
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#38
Carbon Tetrachloride
Concen: 21.805 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2
121	33.6	24.6	37.0





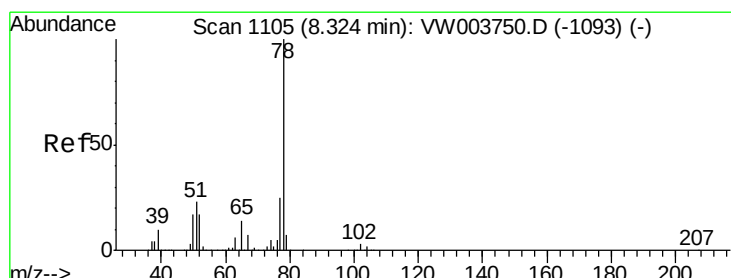
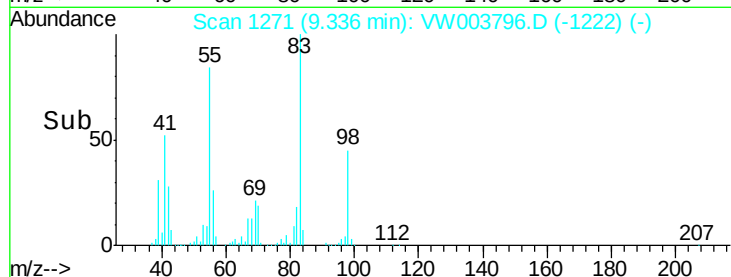
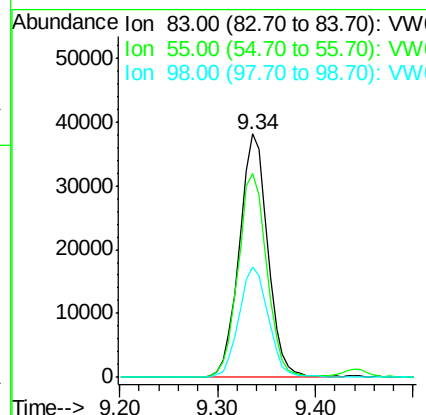
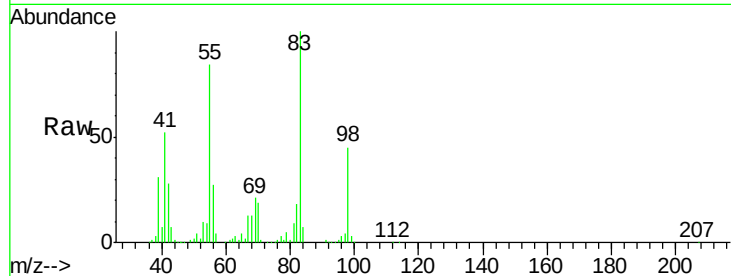
#39
Methylvlcyclohexane
Concen: 21.426 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	83	Resp	77405
Ion Ratio	100	Lower	Upper
83	100		
55	84.0	65.1	97.7
98	45.2	36.7	55.1

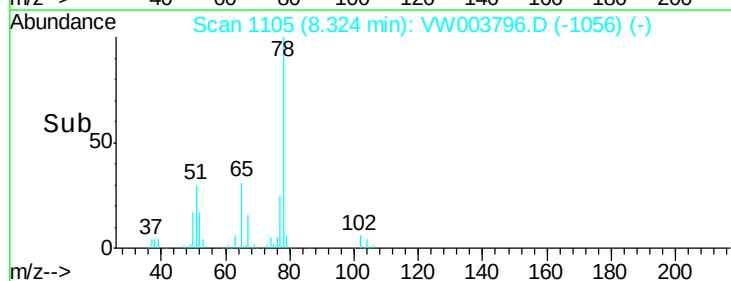
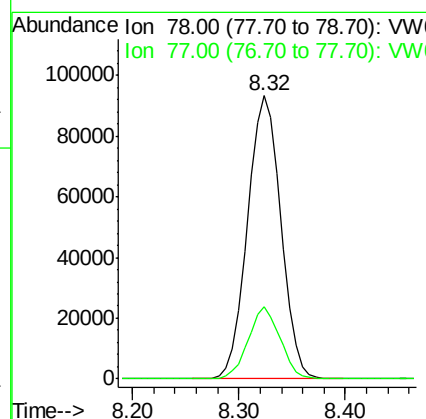
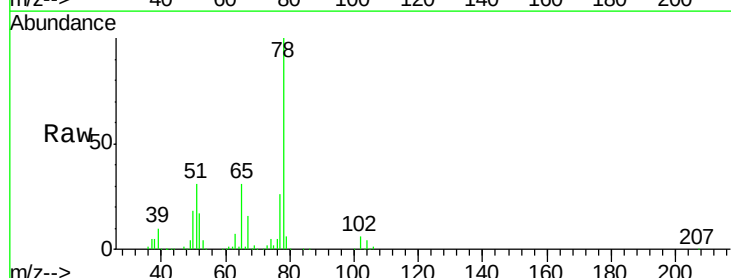
Manual Integrations
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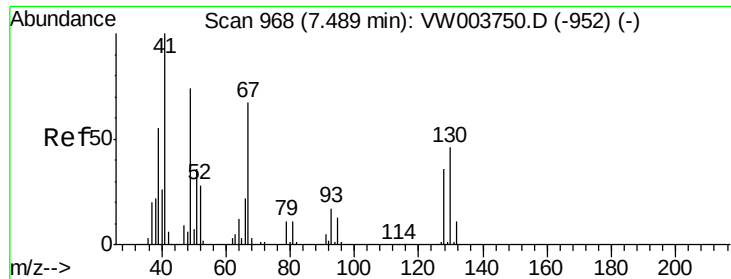
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#40
Benzene
Concen: 21.836 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	78	Resp	205921
Ion Ratio	100	Lower	Upper
78	100		
77	25.5	19.7	29.5





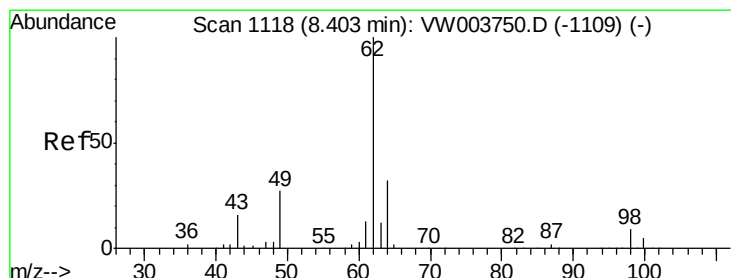
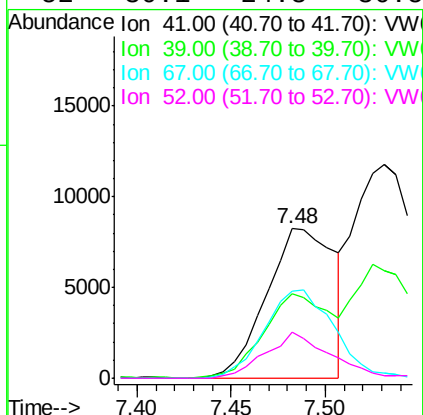
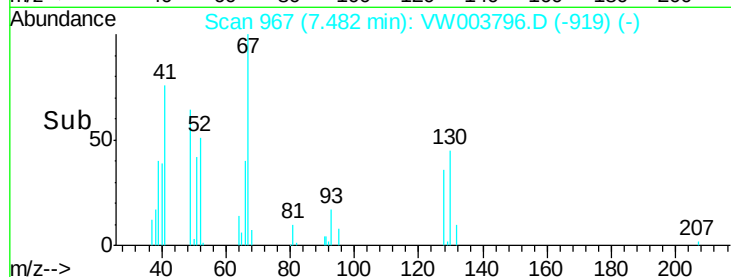
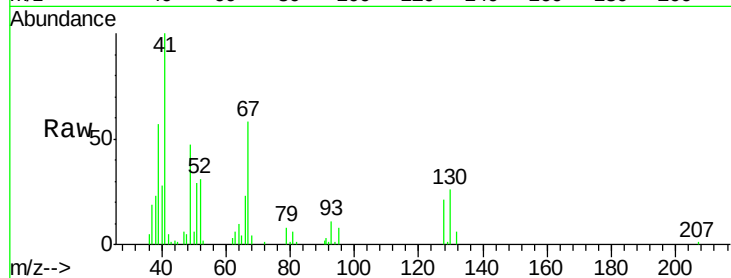
#41
Methacrylonitrile
Concen: 22.351 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	41	Resp	20636
Ion Ratio	Lower	Upper	
41	100		
39	55.8	49.5	74.3
67	60.5	53.8	80.8
52	30.1	24.3	36.5

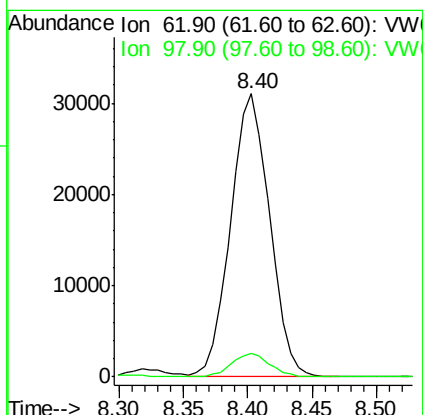
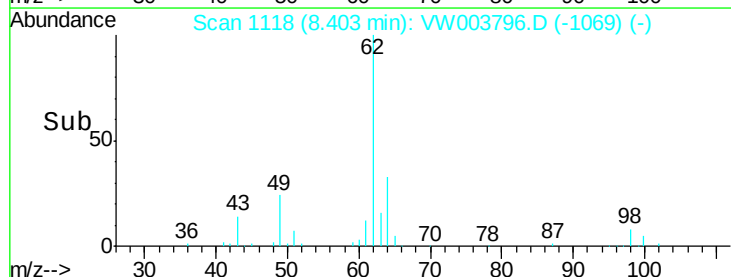
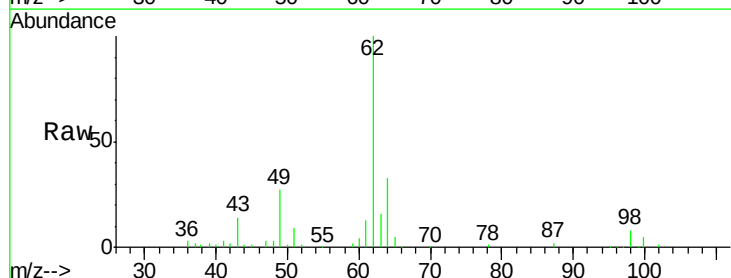
Manual Integrations
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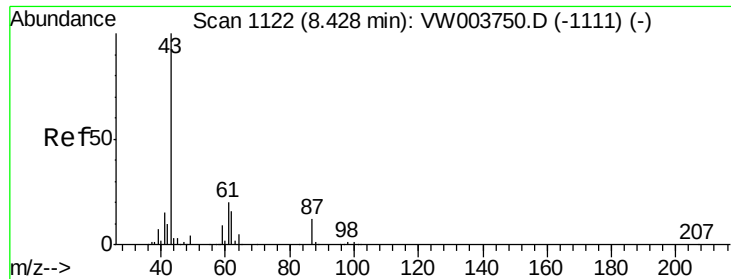
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#42
1,2-Dichloroethane
Concen: 21.448 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	62	Resp	65461
Ion Ratio	Lower	Upper	
62	100		
98	8.2	0.0	16.4





#43

Isopropyl Acetate

Concen: 21.088 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

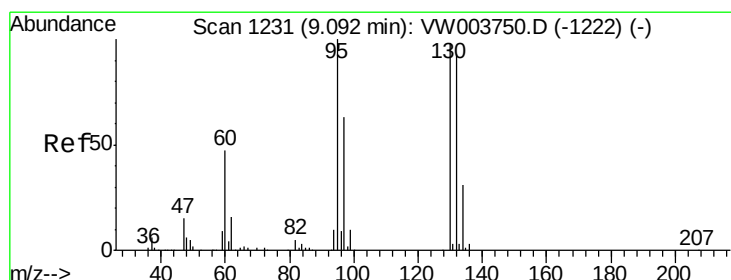
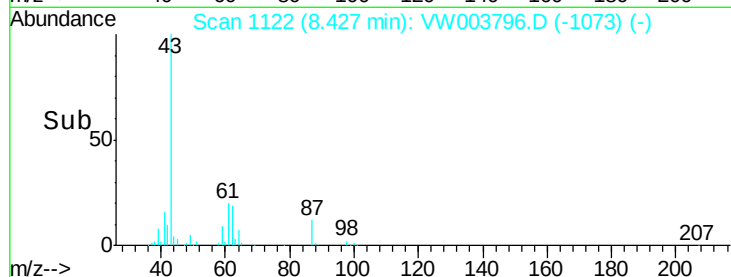
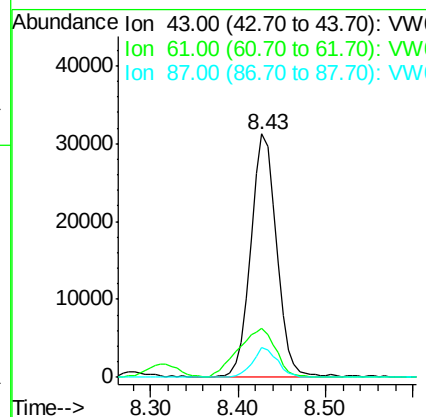
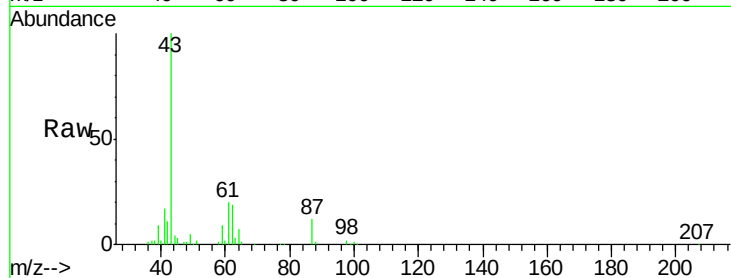
ClientSampleId :

VW0709SBS02

Tot Ion:	43	Resp:	64147
Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.8	34.2
87	11.6	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 21.594 ug/l

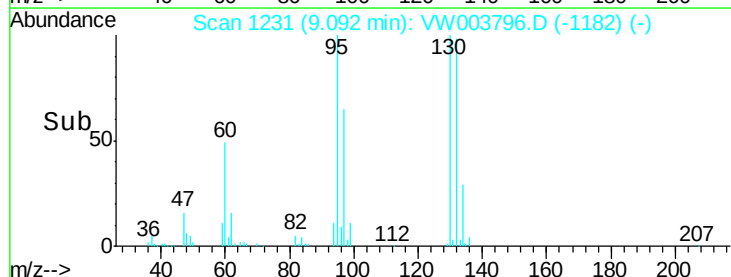
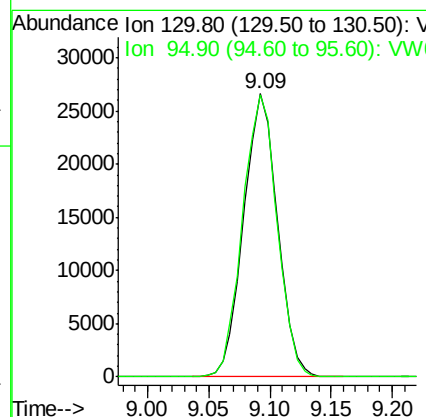
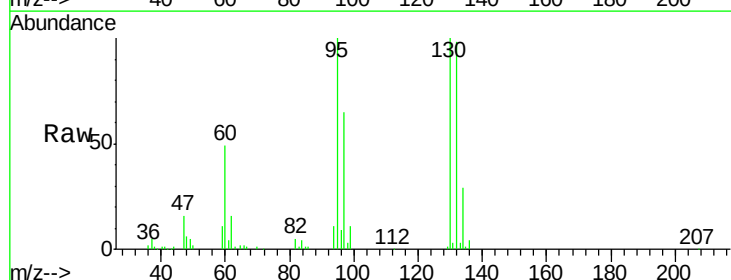
RT: 9.09 min Scan# 1231

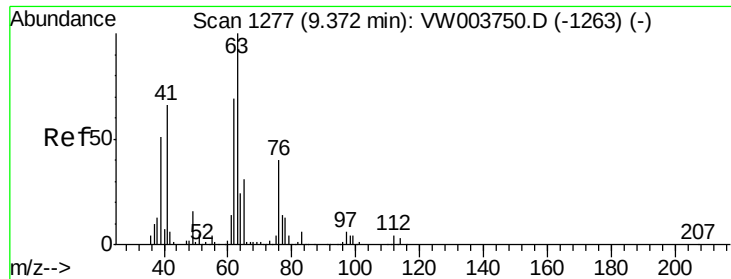
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	130	Resp:	51339
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	203.8





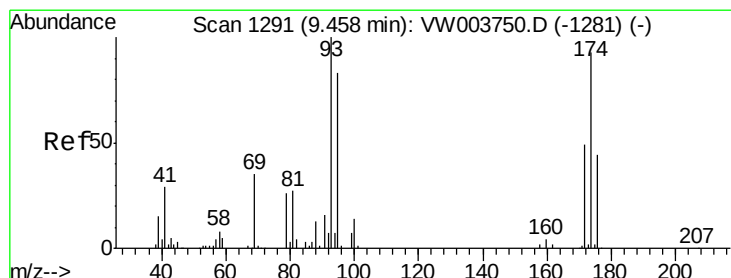
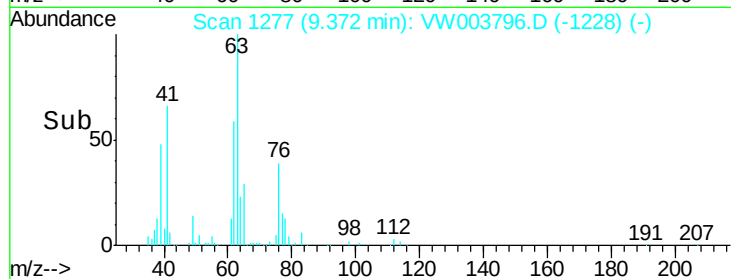
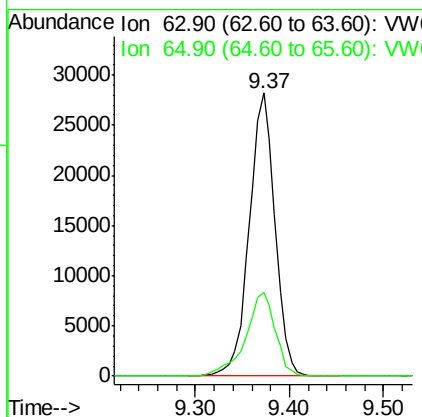
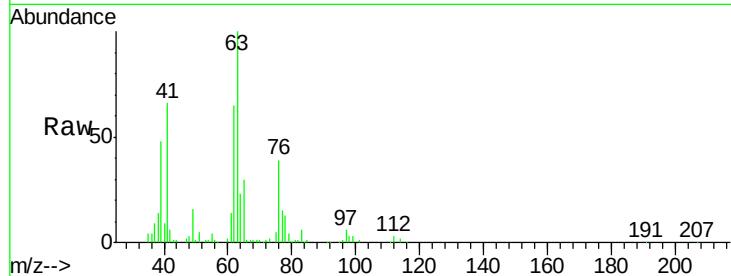
#45
 1,2-Dichloropropane
 Concen: 22.109 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion: 63 Resp: 54211
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.9 37.3

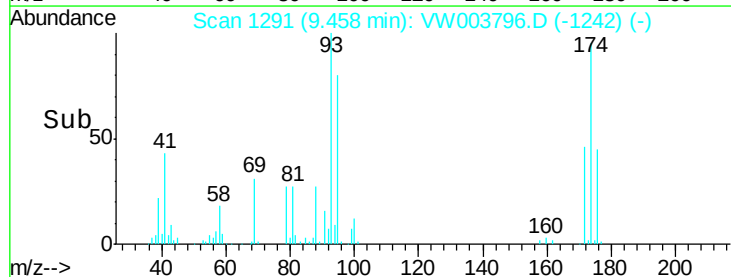
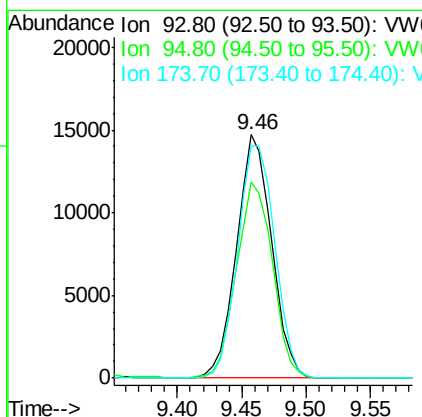
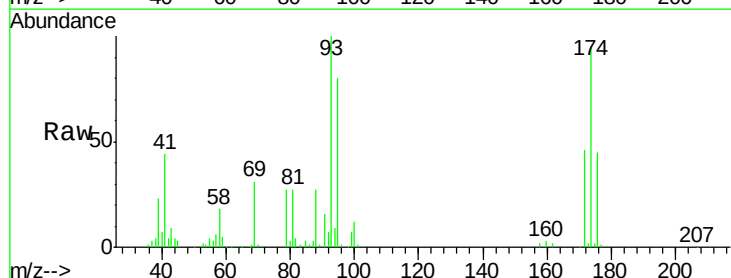
Manual Integrations
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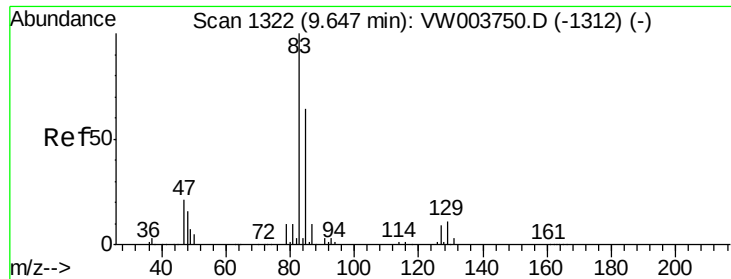
apatel
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#46
 Dibromomethane
 Concen: 21.540 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion: 93 Resp: 27771
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.2 100.8
 174 101.3 78.1 117.1





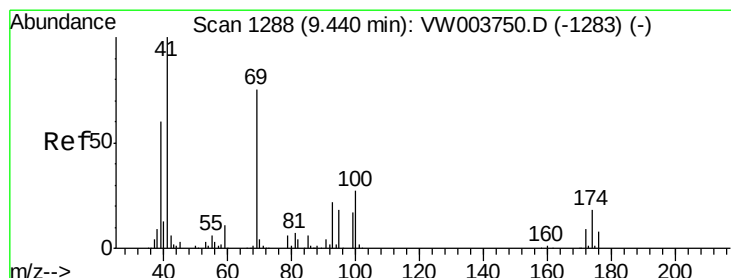
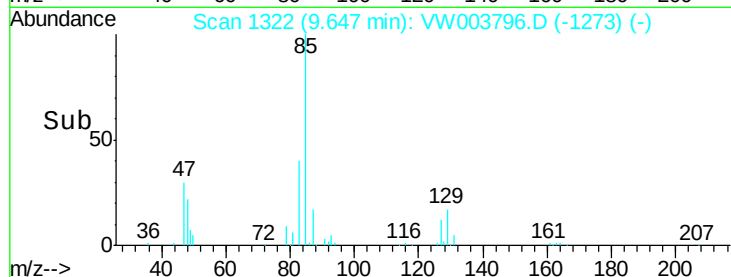
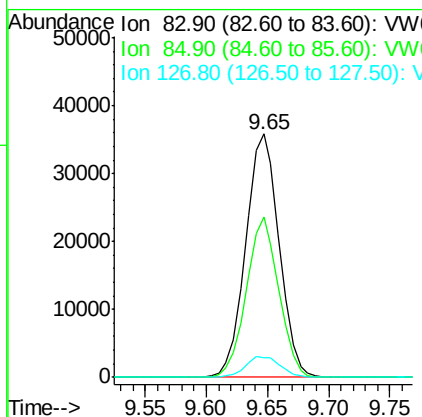
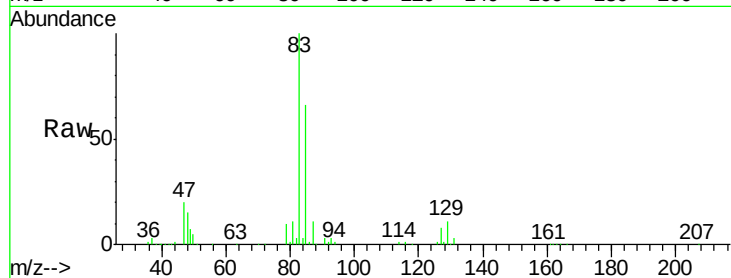
#47
Bromodichloromethane
Concen: 21.421 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	83	Resp	67942
Ion Ratio	100		
85	65.7	51.4	77.0
127	8.0	6.8	10.2

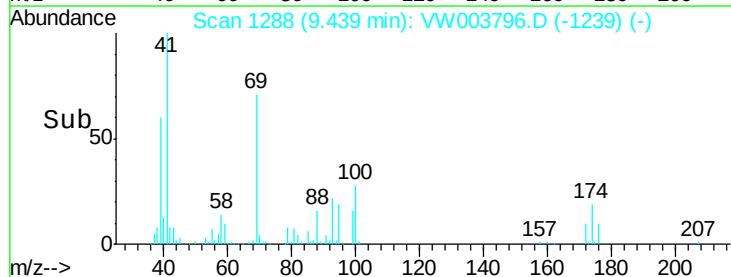
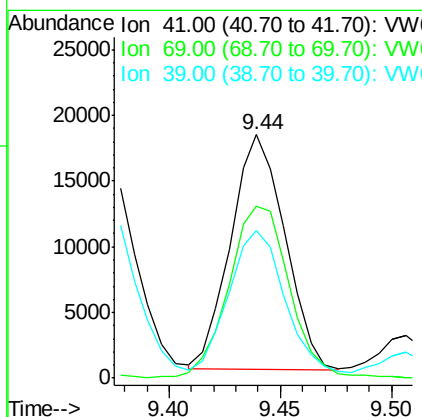
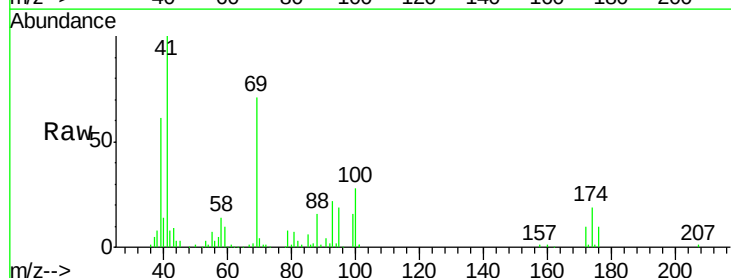
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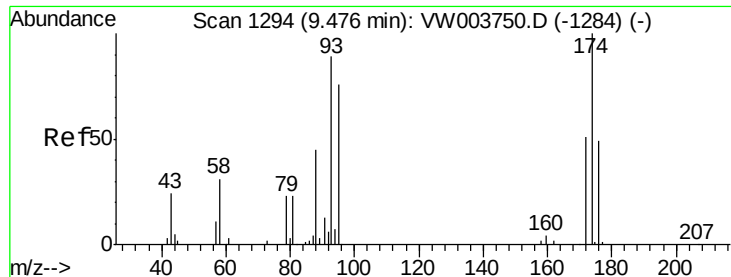
apatel
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#48
Methyl methacrylate
Concen: 20.882 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	41	Resp	30252
Ion Ratio	100		
69	82.8	63.8	95.8
39	67.2	50.2	75.2





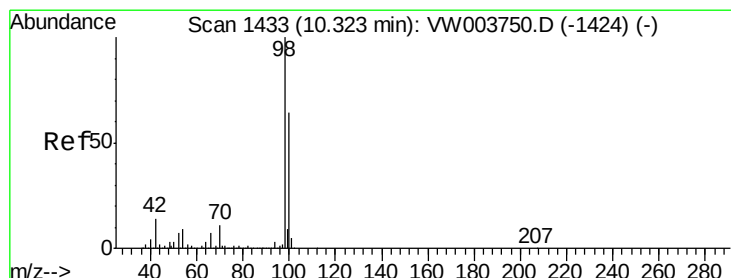
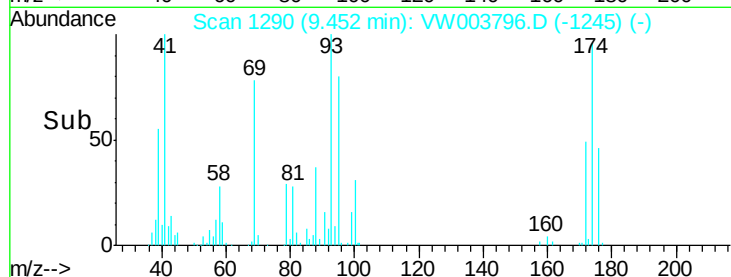
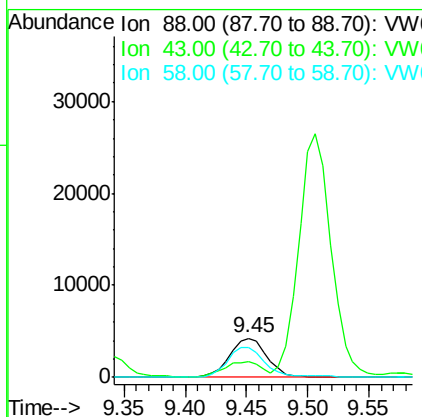
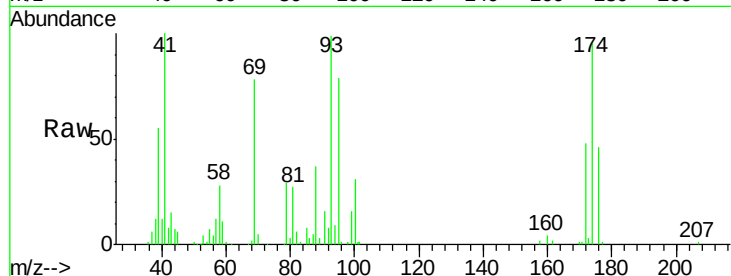
#49
1,4-Dioxane
Concen: 469.659 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	88	Resp	9050
Ion	Ratio	Lower	Upper
88	100		
43	38.7	0.0	0.0#
58	78.5	59.7	89.5

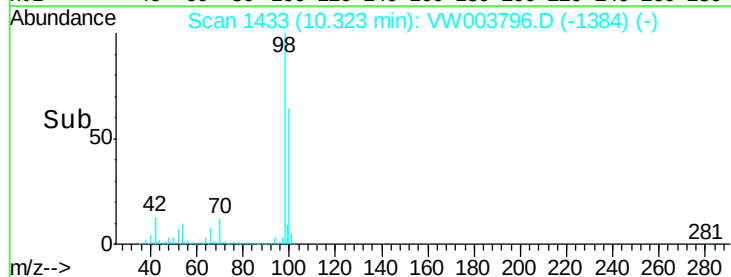
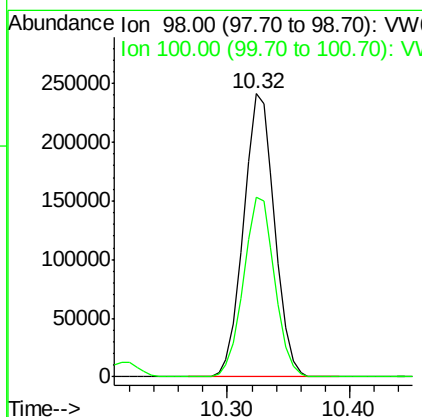
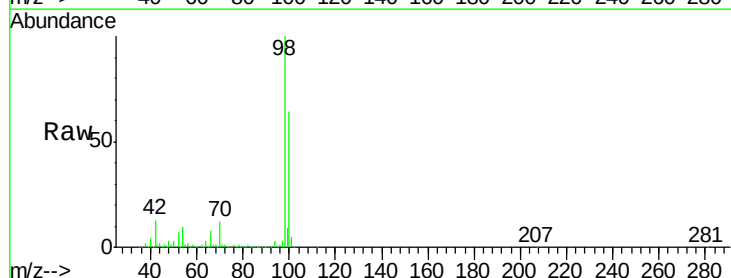
Manual Integrations
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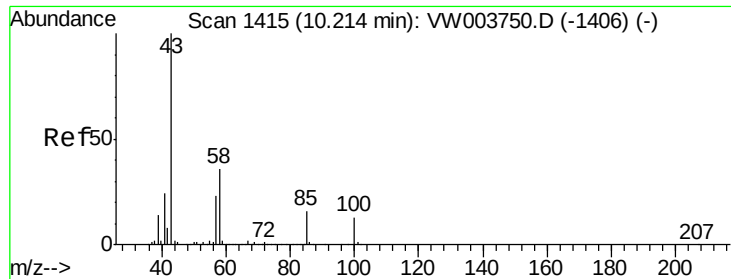
apatel
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#50
Toluene-d8
Concen: 50.998 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	98	Resp	424459
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2





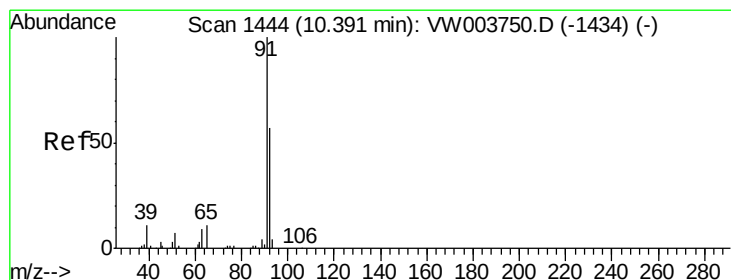
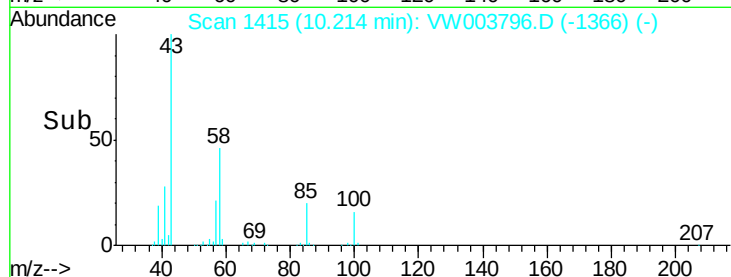
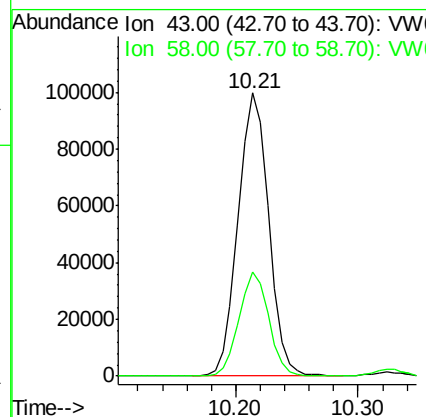
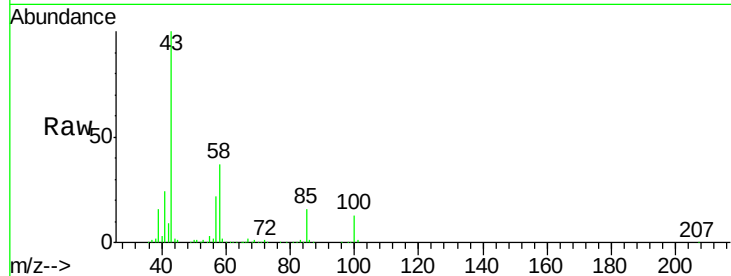
#51
 4-Methyl-2-Pentanone
 Concen: 109.543 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0709SBS02

Tot Ion	43	Resp	172434
Ion Ratio	43	100	
Lower	58	35.7	29.3
Upper			43.9

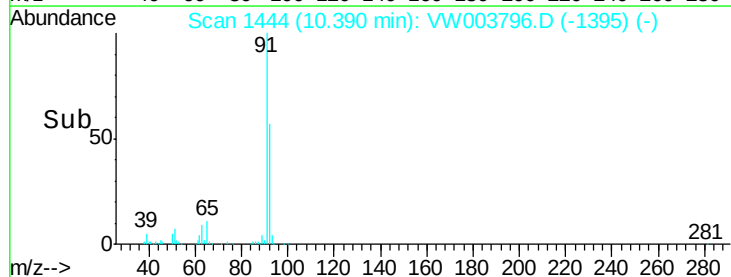
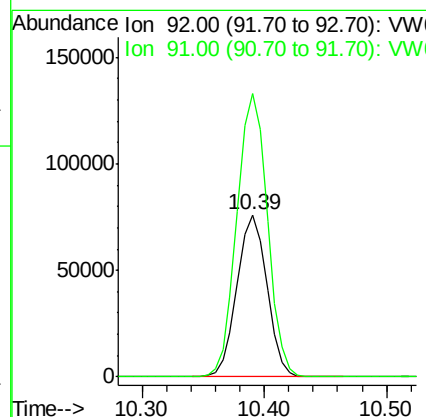
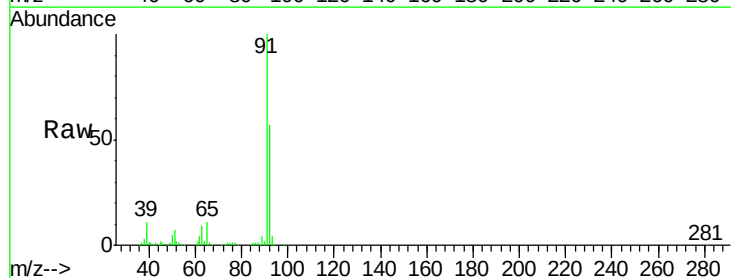
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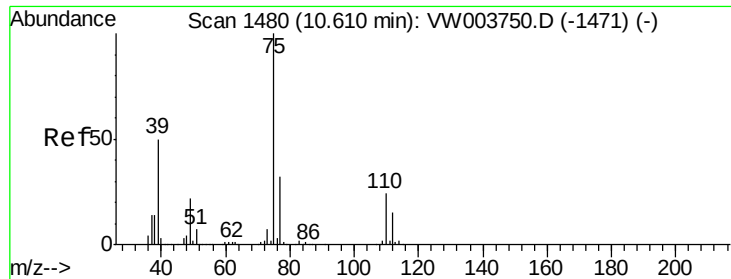
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#52
 Toluene
 Concen: 22.074 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	92	Resp	129081
Ion Ratio	92	100	
Lower	91	177.6	140.6
Upper			211.0





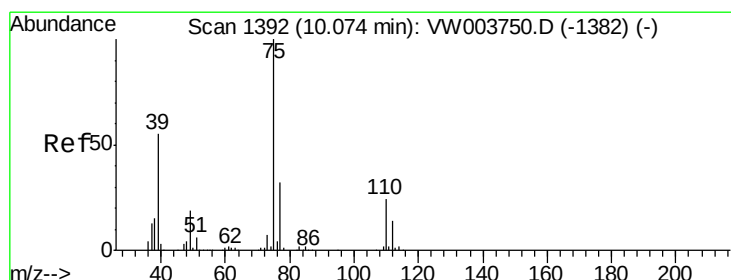
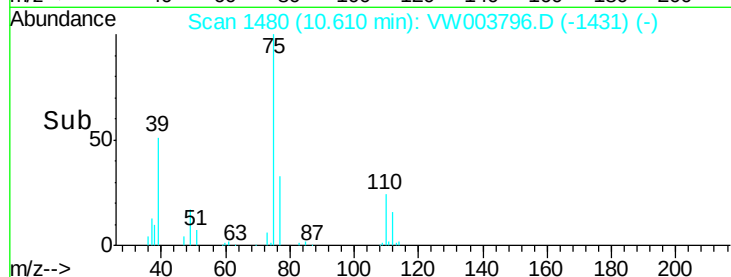
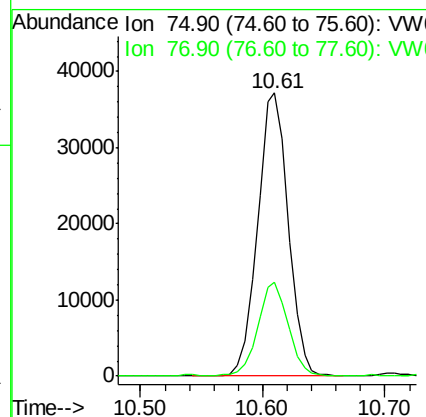
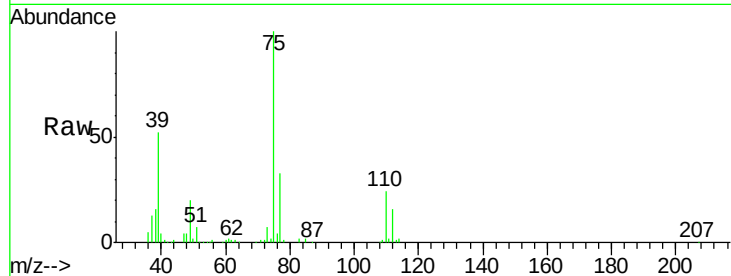
#53
t-1,3-Dichloropropene
Concen: 20.425 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 75 Resp: 64685
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3

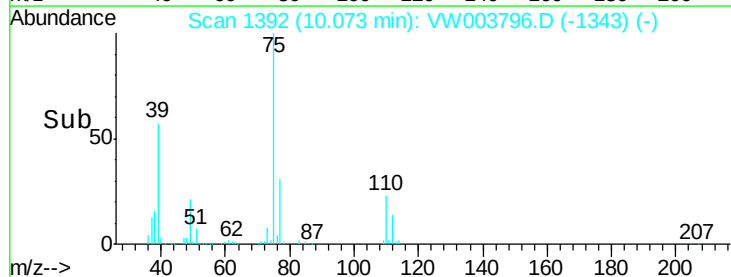
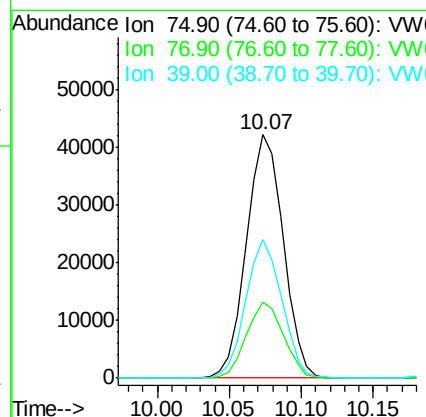
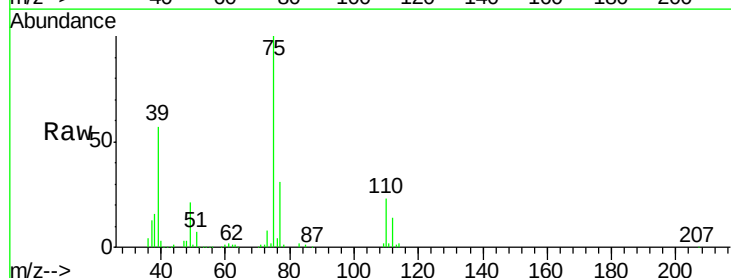
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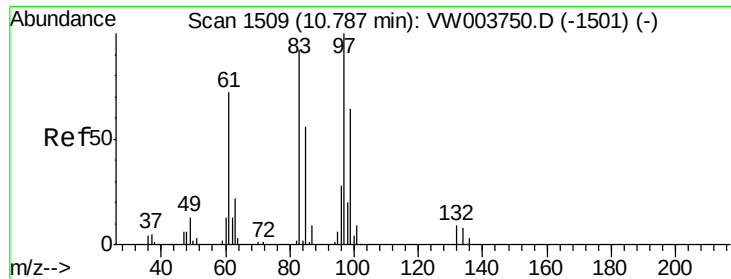
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#54
cis-1,3-Dichloropropene
Concen: 20.973 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 75 Resp: 74978
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 56.6 43.6 65.4





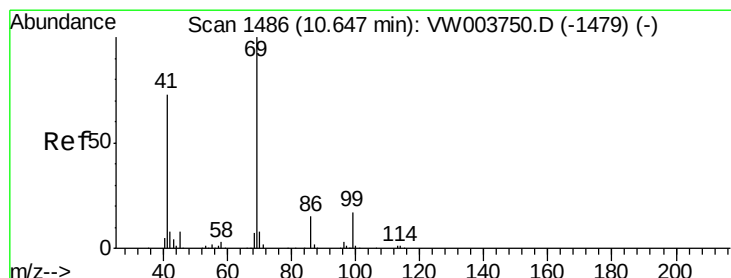
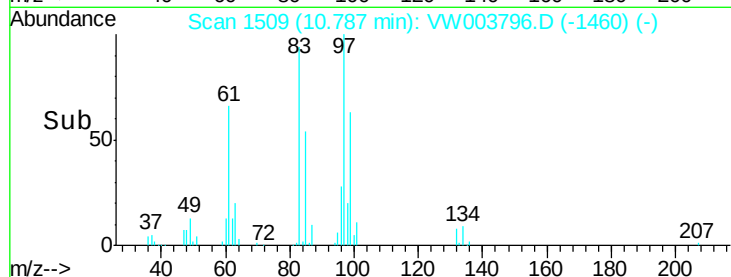
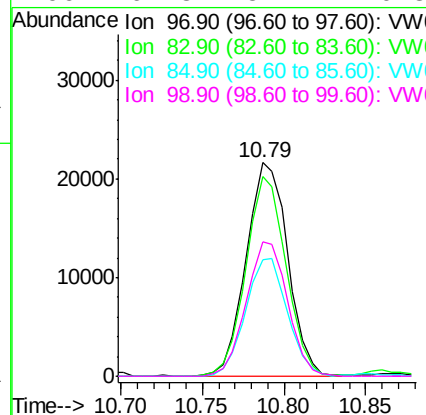
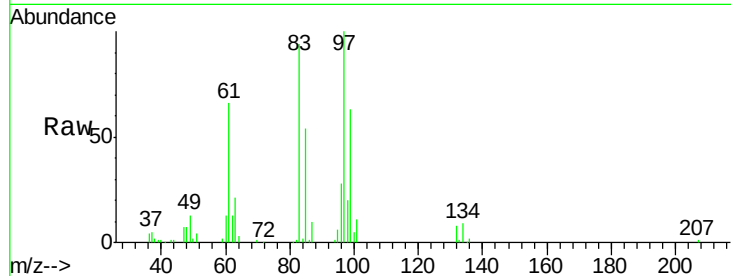
#55
 1,1,2-Trichloroethane
 Concen: 21.486 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		38474		
83	93.7	73.8	110.6		
85	54.4	45.0	67.4		
99	62.8	51.2	76.8		

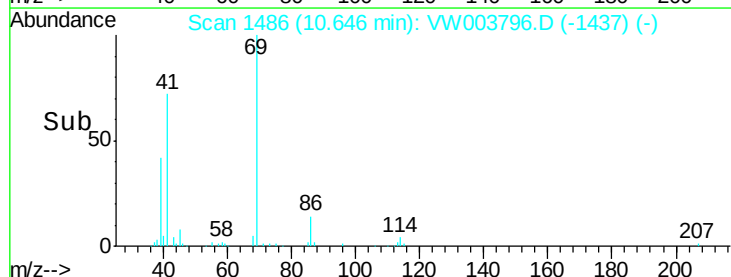
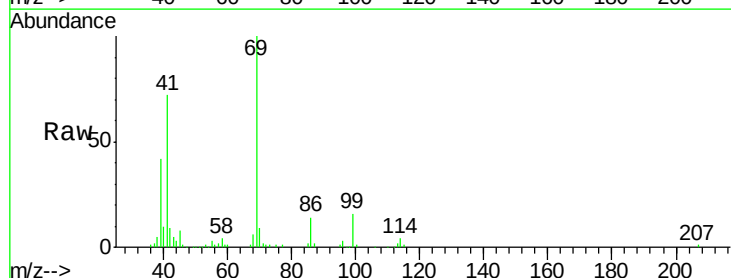
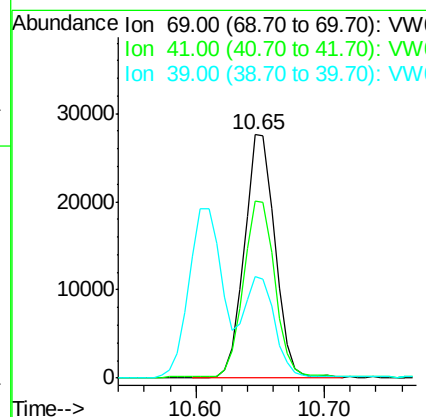
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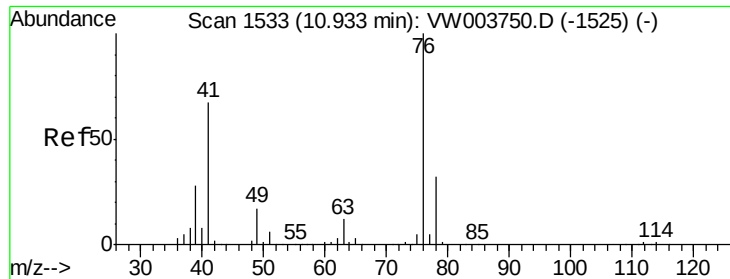
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#56
 Ethyl methacrylate
 Concen: 20.712 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		45260		
41	75.4	59.0	88.4		
39	41.7	32.8	49.2		





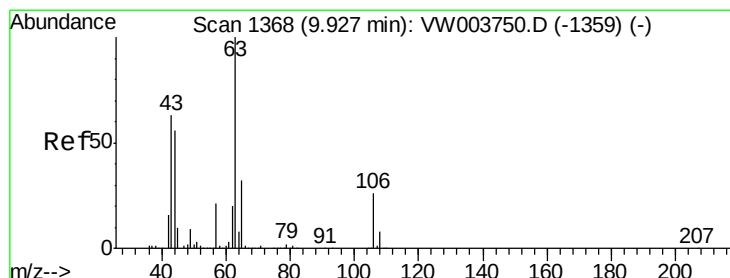
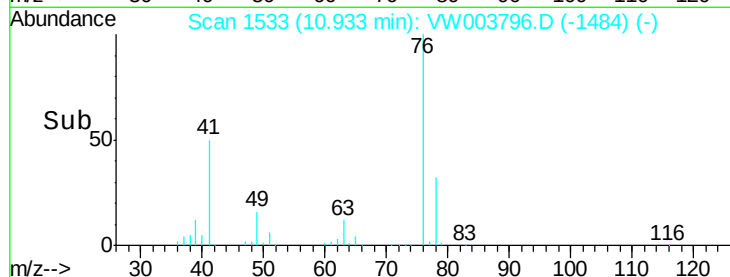
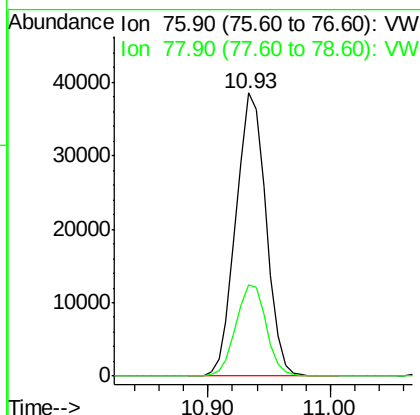
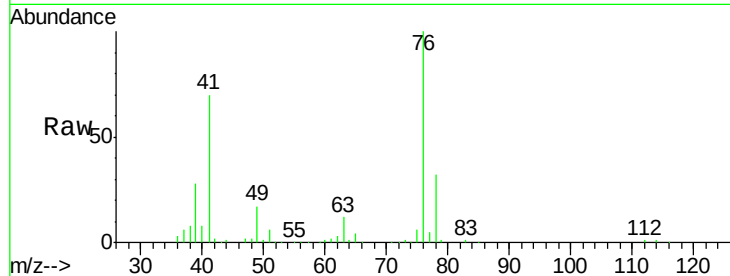
#57
 1,3-Dichloropropane
 Concen: 21.064 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion: 76 Resp: 65741
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

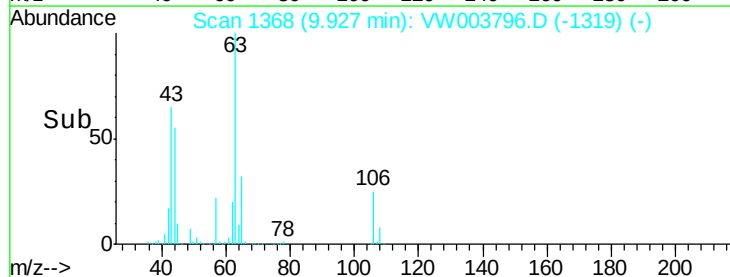
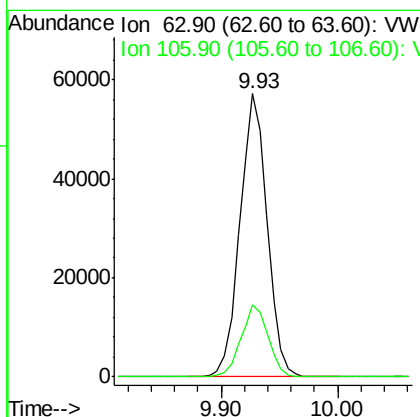
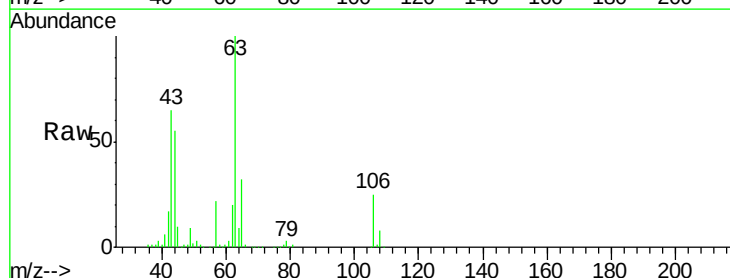
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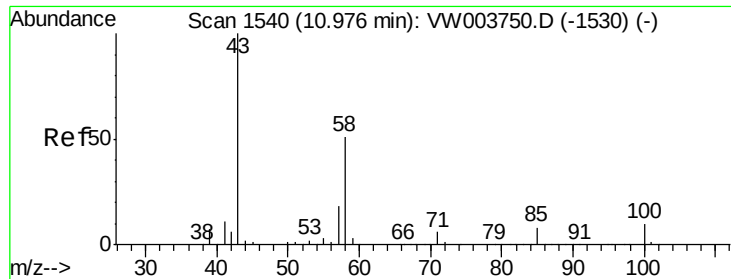
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#58
 2-Chloroethyl Vinyl ether
 Concen: 89.523 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion: 63 Resp: 92734
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.9 31.3





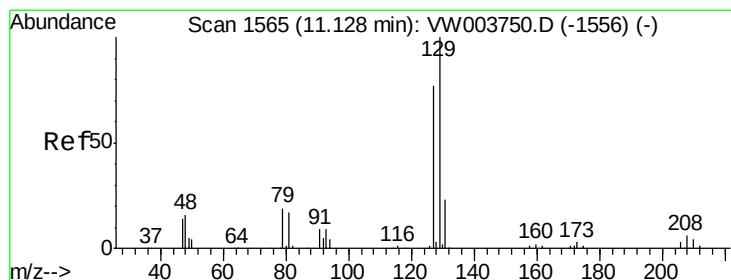
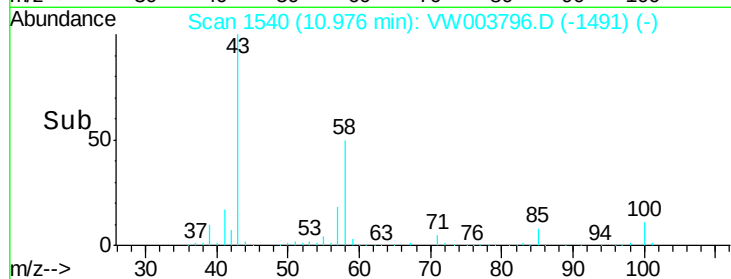
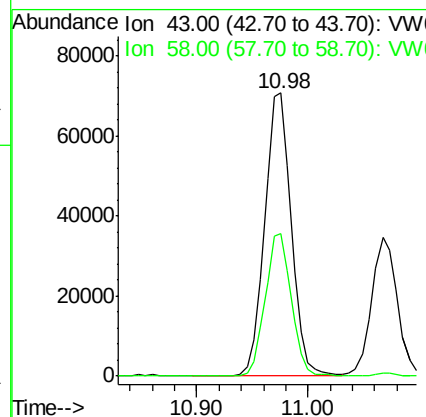
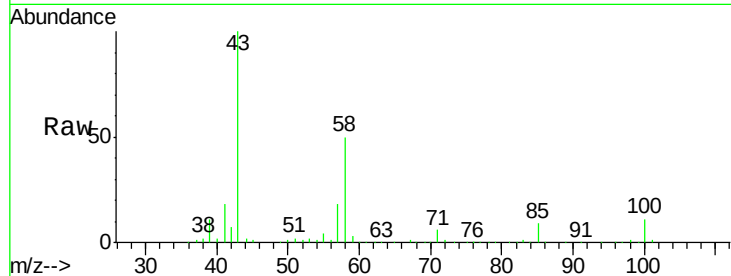
#59
2-Hexanone
Concen: 109.624 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

Tot Ion: 43 Resp: 118495
Ion Ratio Lower Upper
43 100
58 49.3 25.4 76.2

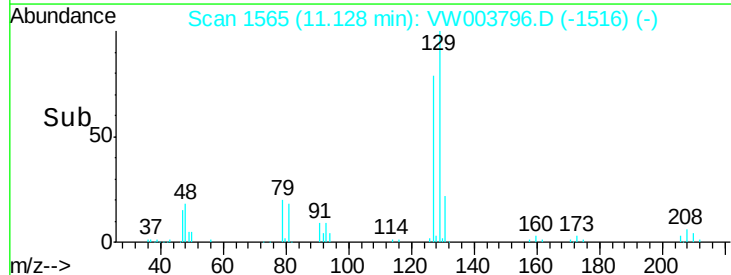
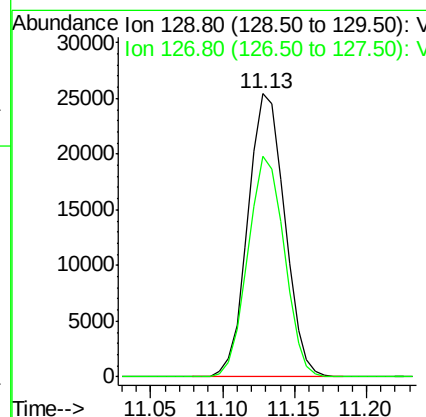
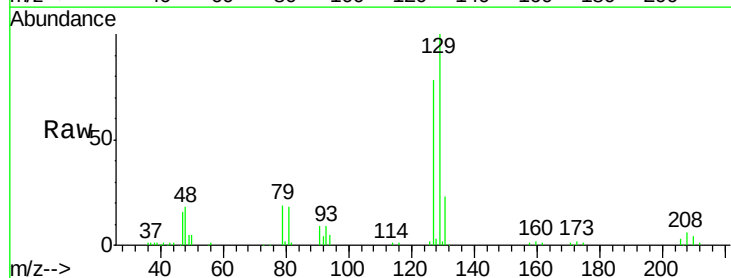
Manual Integrations
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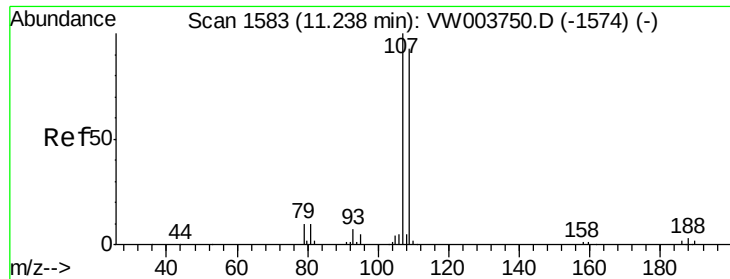
apatel
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#60
Dibromochloromethane
Concen: 21.502 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 129 Resp: 44946
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.336 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:107 Resp: 36536

Ion Ratio Lower Upper

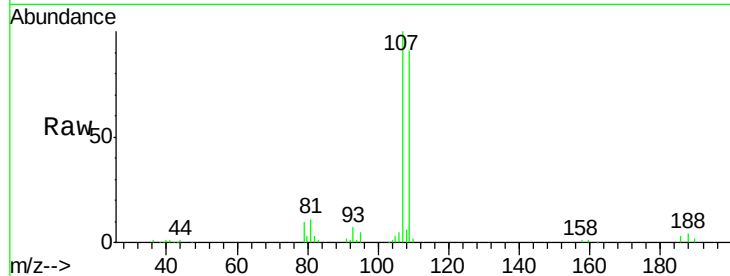
107 100

109 92.8 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

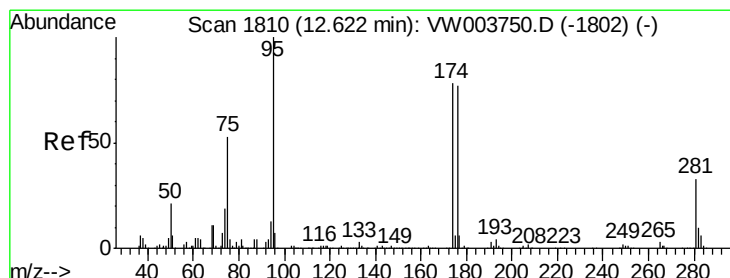
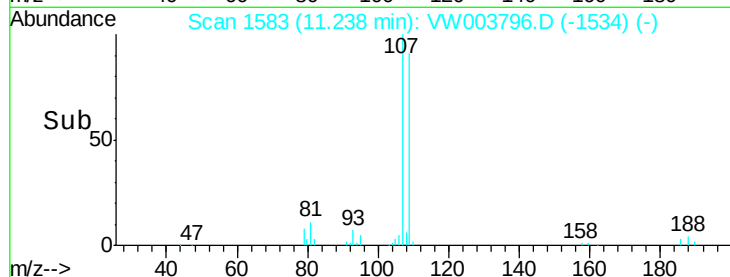
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 50.924 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

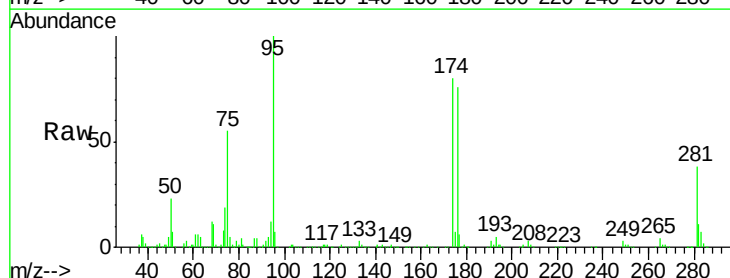
Tgt Ion: 95 Resp: 153353

Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.4

176 79.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

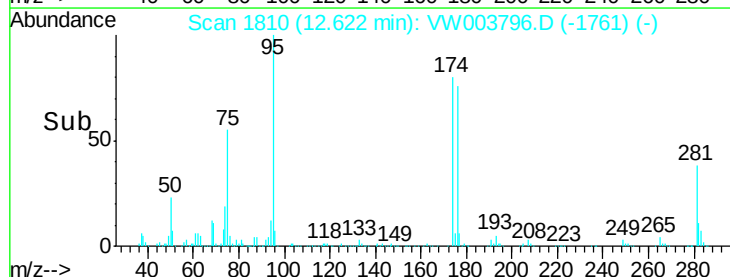
60000

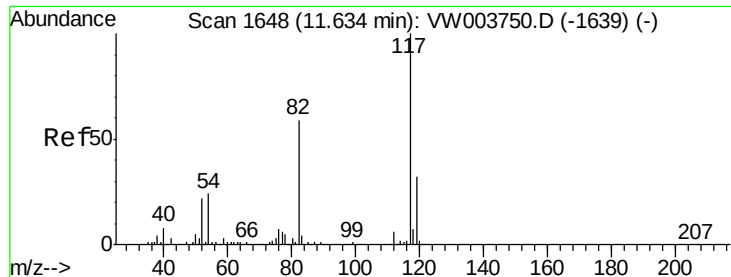
40000

20000

0

Time--> 12.55 12.60 12.65 12.70





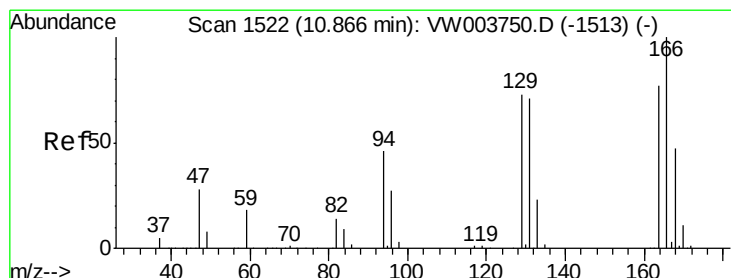
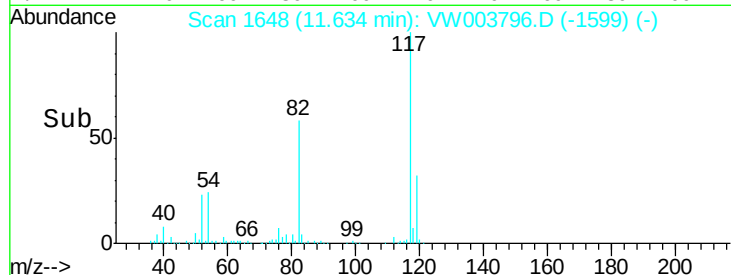
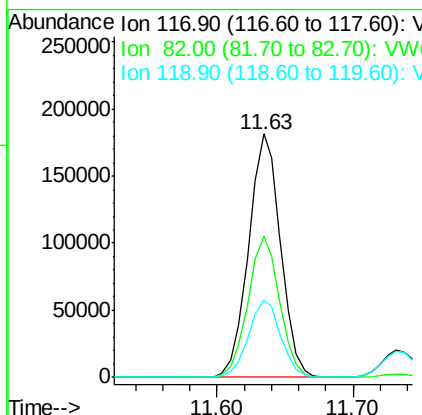
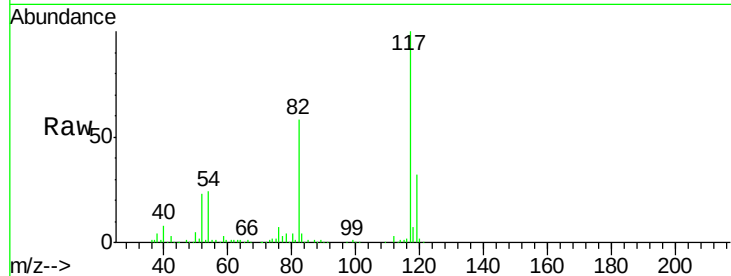
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.9	70.3
119	31.6	25.5	38.3

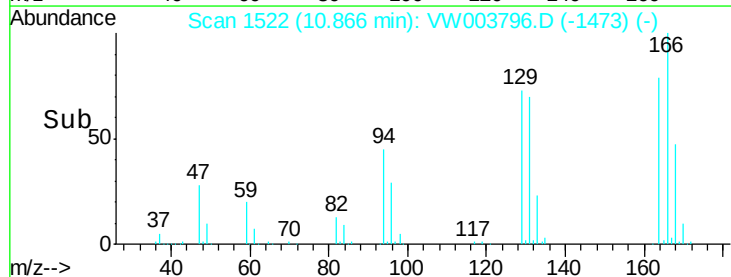
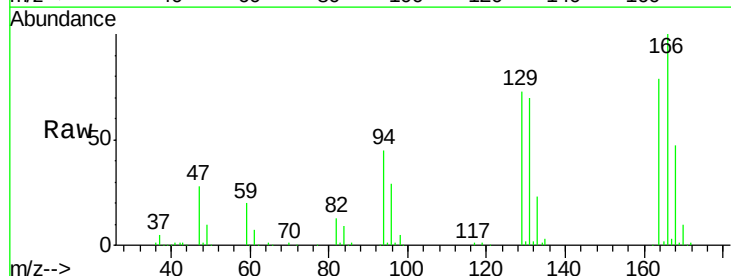
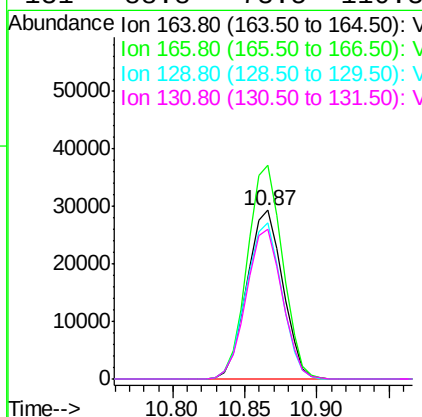
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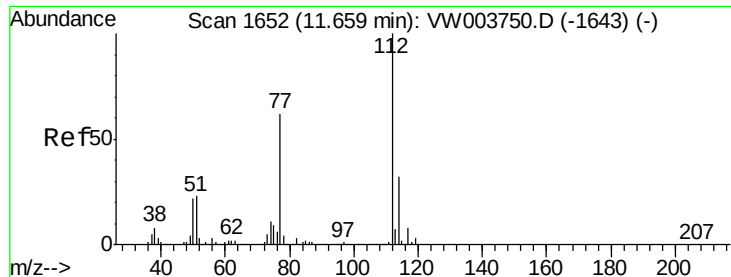
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#64
Tetrachloroethene
Concen: 22.982 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.2	156.4
129	92.4	75.8	113.8
131	88.8	73.5	110.3





#65

Chlorobenzene

Concen: 21.671 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBS02

Tot Ion:112 Resp: 142080

Ion Ratio Lower Upper

112 100

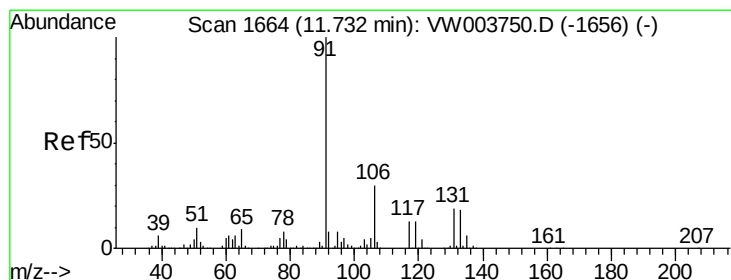
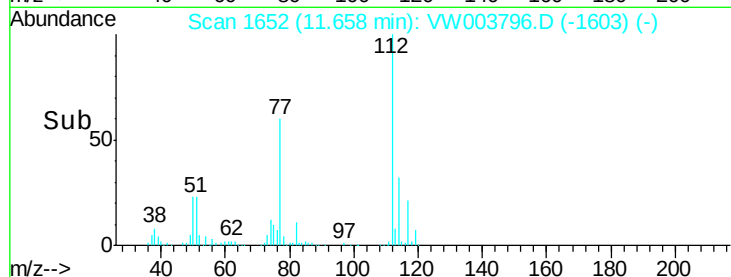
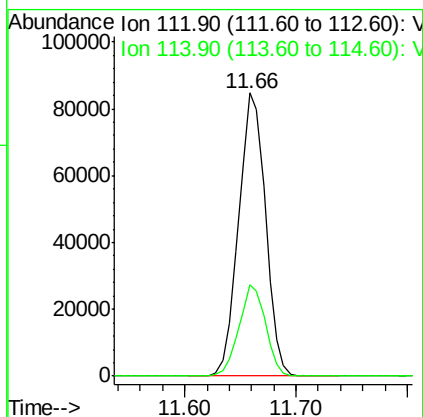
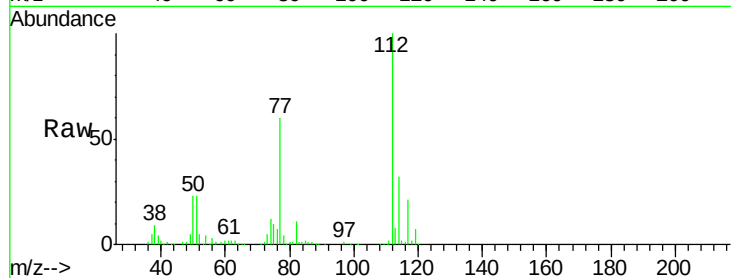
114 32.2 26.0 39.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.673 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

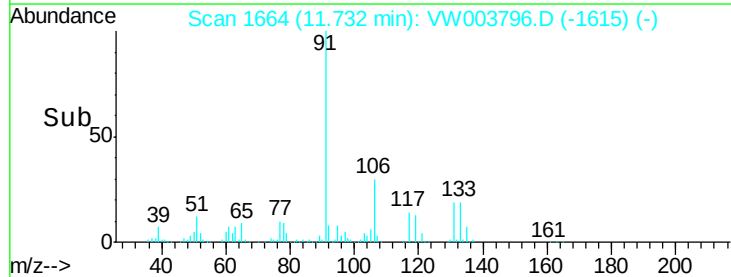
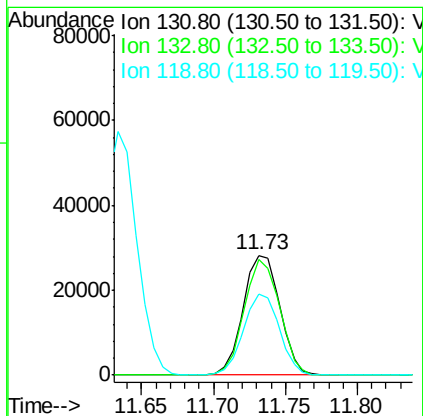
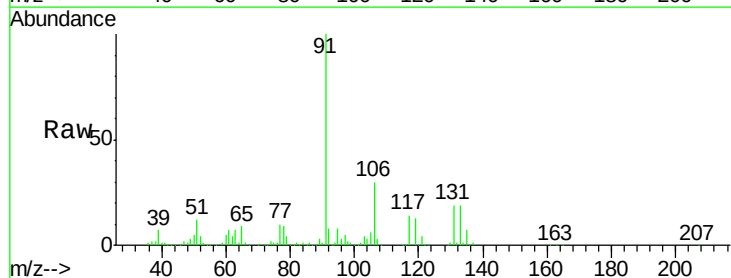
Tgt Ion:131 Resp: 49654

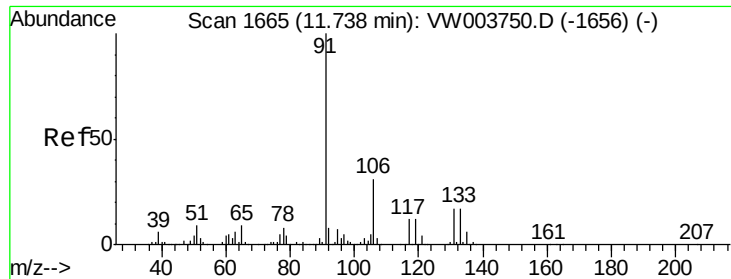
Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

119 66.2 33.2 99.6





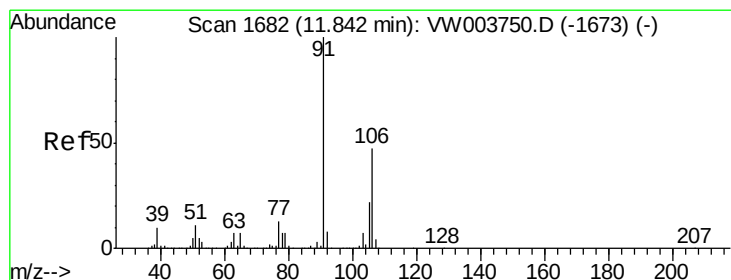
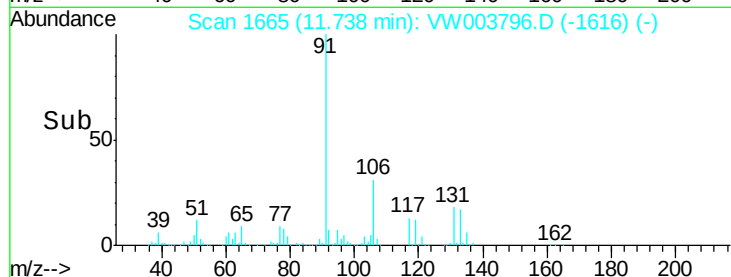
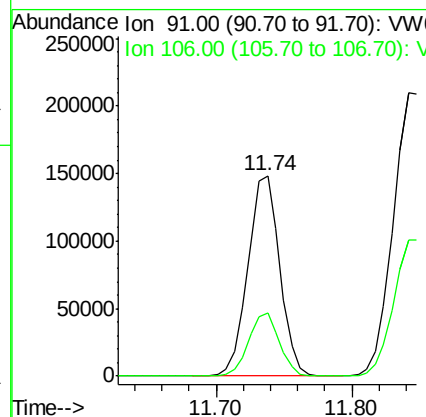
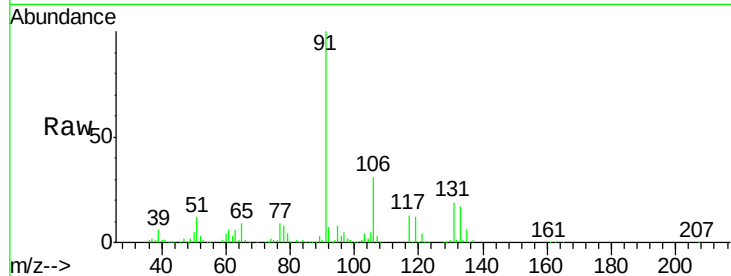
#67
Ethyl Benzene
Concen: 21.668 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion: 91 Resp: 242914
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

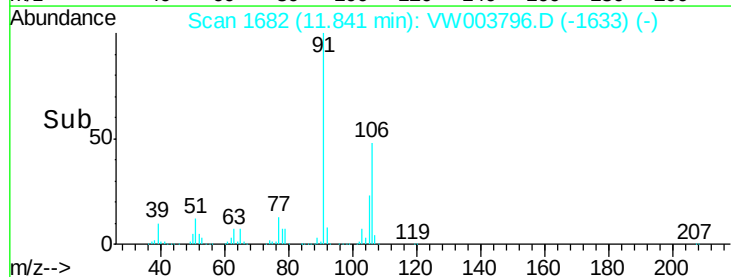
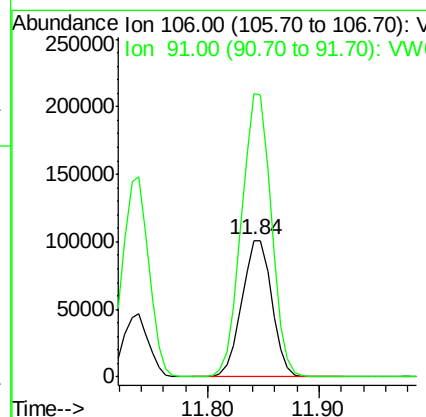
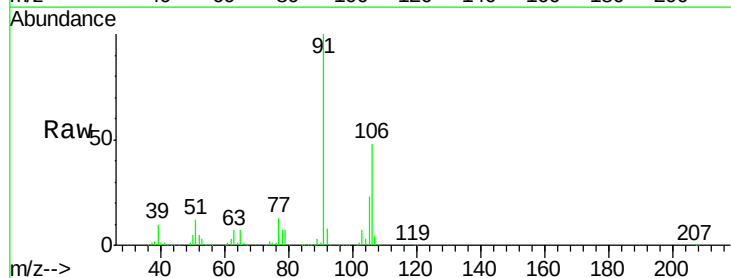
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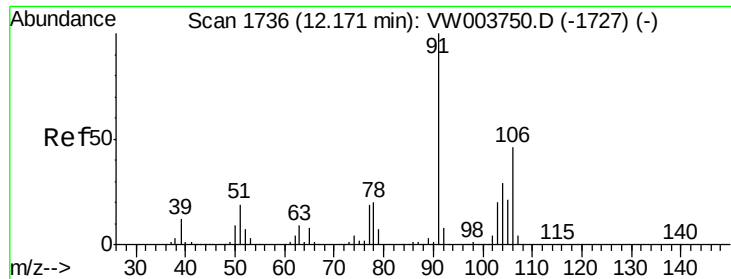
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#68
m/p-Xylenes
Concen: 44.053 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion: 106 Resp: 189114
Ion Ratio Lower Upper
106 100
91 206.6 164.3 246.5





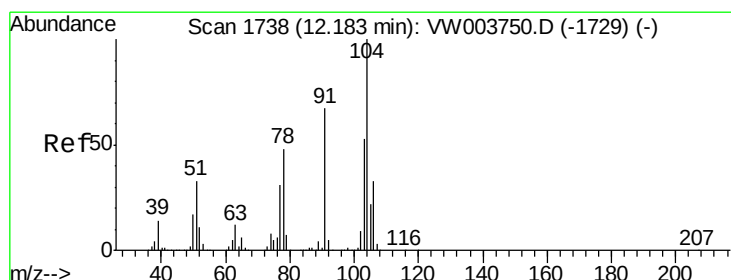
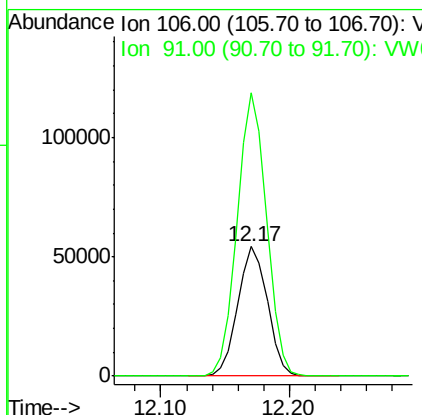
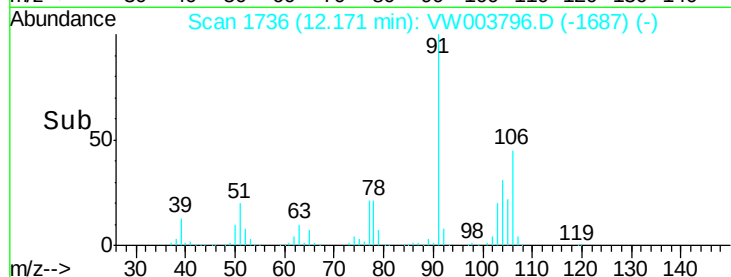
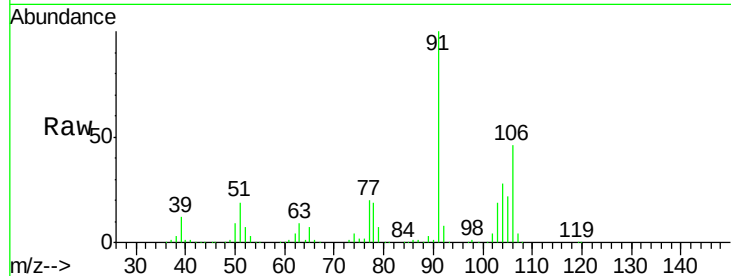
#69
o-Xylene
Concen: 21.791 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion:106 Resp: 86319
Ion Ratio Lower Upper
106 100
91 217.4 109.1 327.2

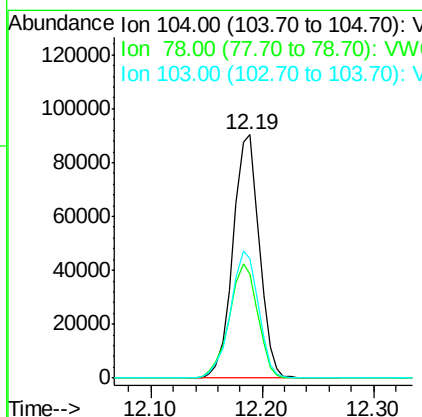
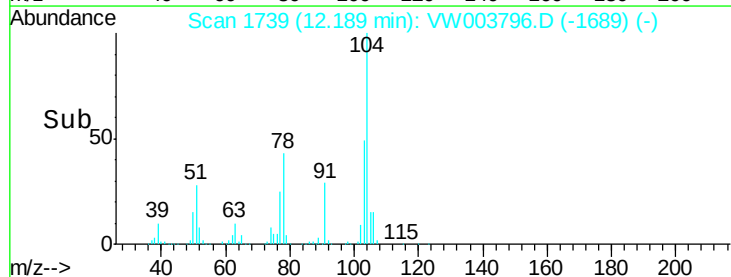
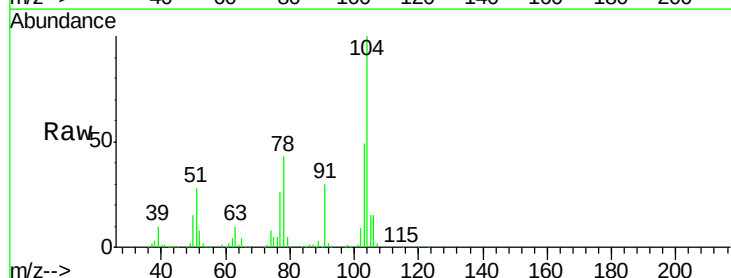
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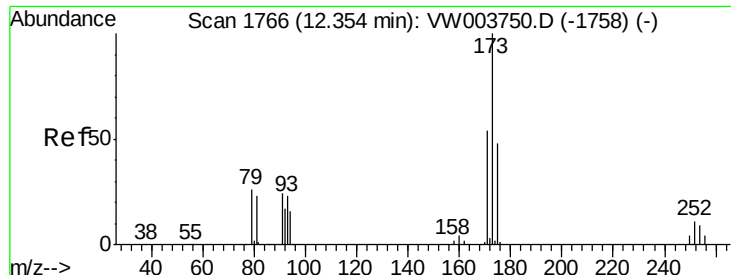
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#70
Styrene
Concen: 22.032 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion:104 Resp: 148408
Ion Ratio Lower Upper
104 100
78 50.7 41.1 61.7
103 55.5 44.6 67.0





#71

Bromoform

Concen: 21.743 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

Tot Ion:173 Resp: 27492

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

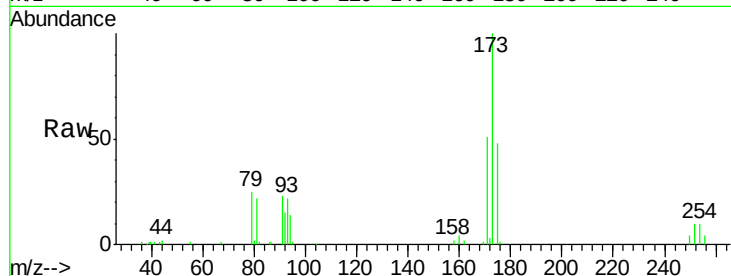
254 0.0 0.0 0.0

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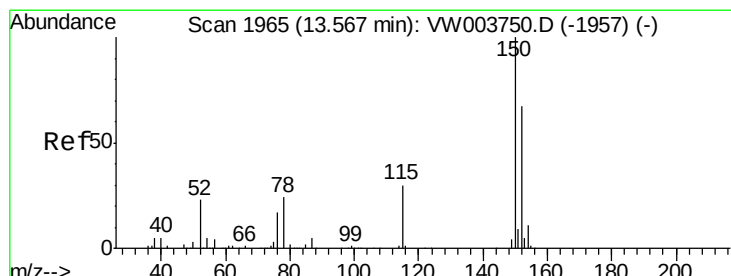
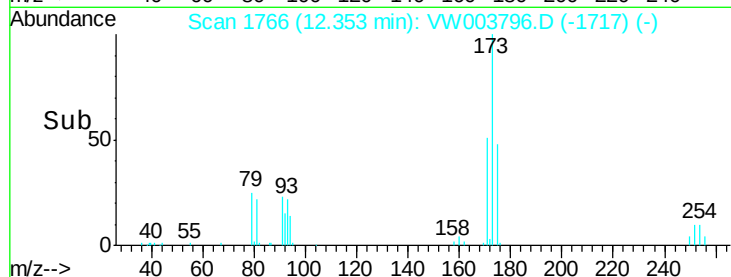
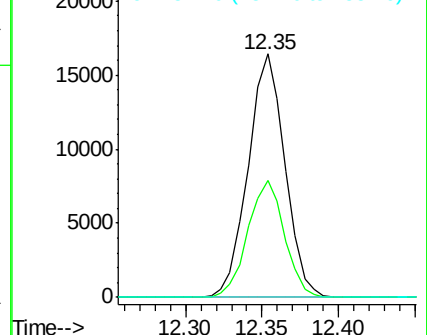
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

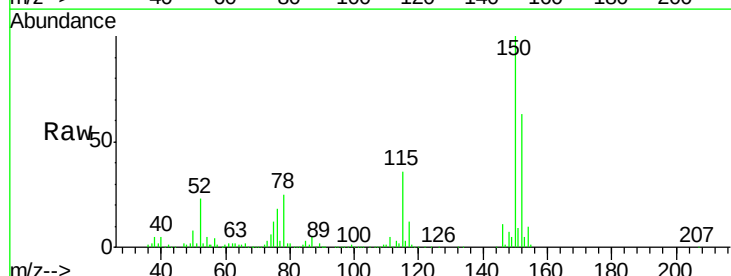
Tgt Ion:152 Resp: 160496

Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.8

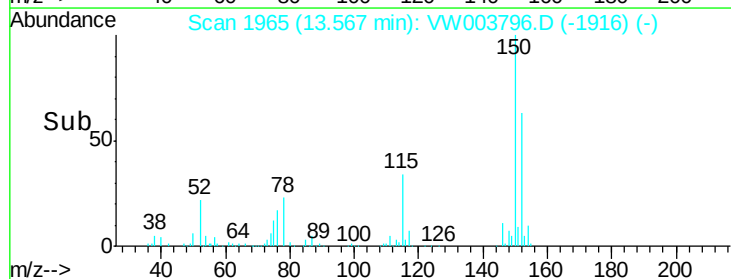
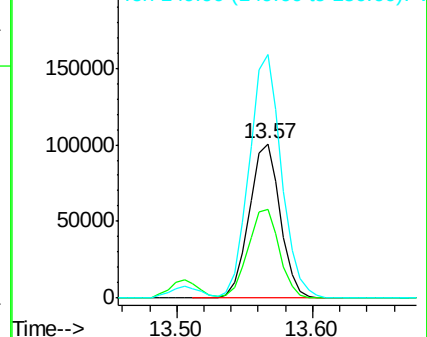
150 164.3 0.0 342.4

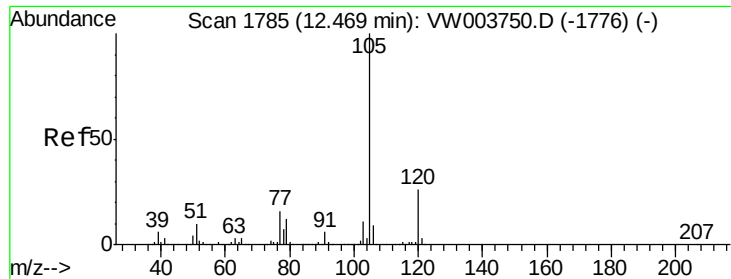


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.745 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

Tot Ion:105 Resp: 236348

Ion Ratio Lower Upper

105 100

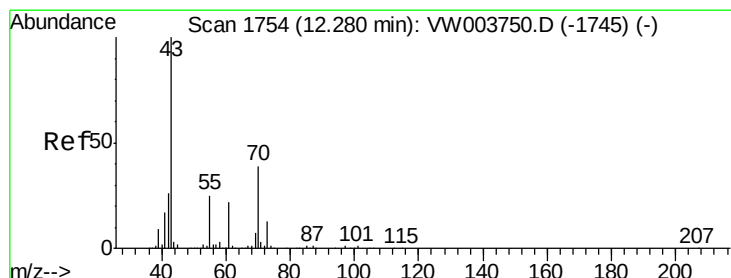
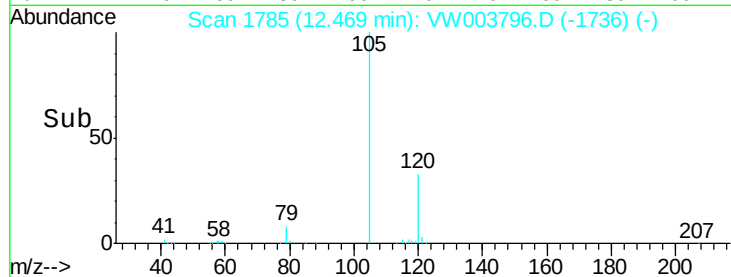
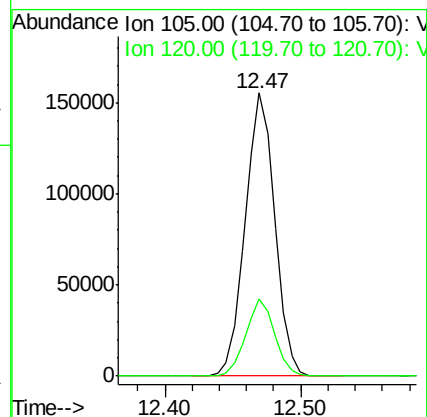
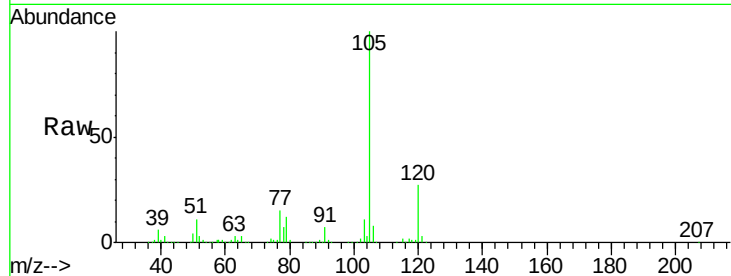
120 26.5 13.1 39.3

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#74

N-ethyl acetate

Concen: 21.032 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion: 43 Resp: 61964

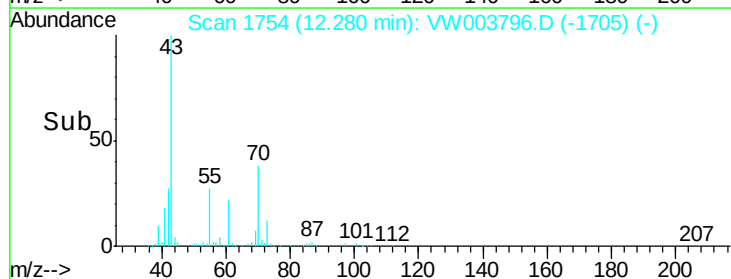
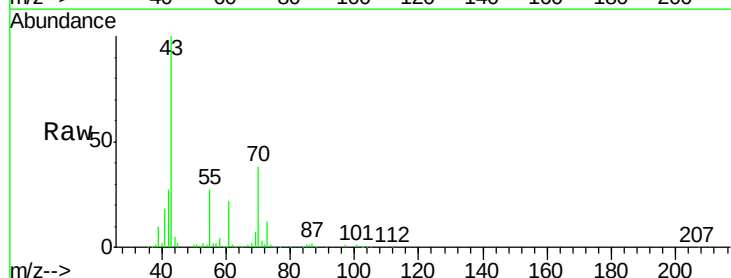
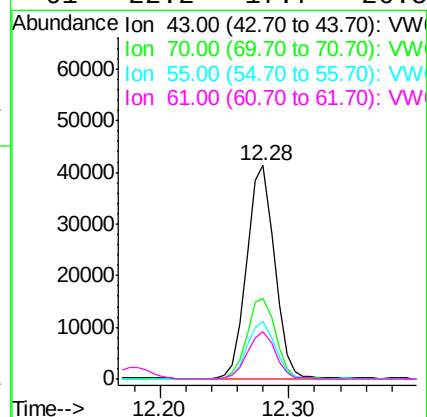
Ion Ratio Lower Upper

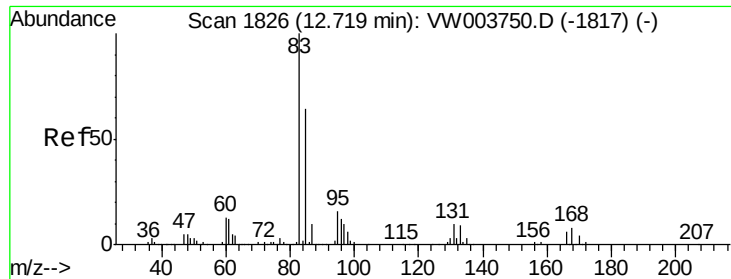
43 100

70 38.8 31.3 46.9

55 27.4 20.1 30.1

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.410 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

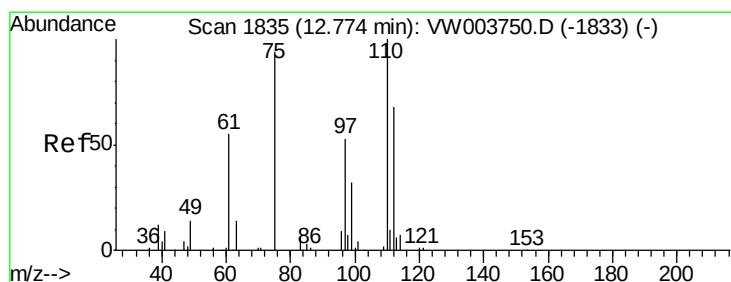
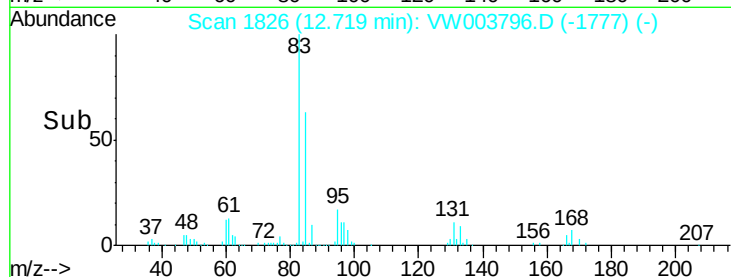
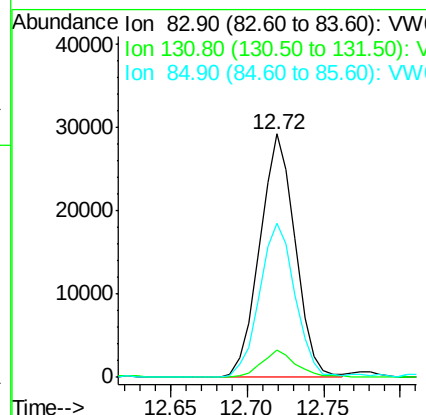
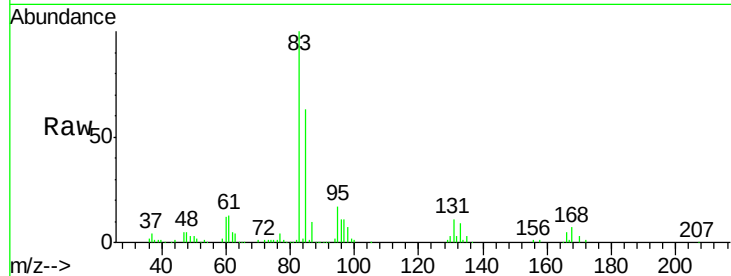
ClientSampleId :

VW0709SBS02

Tot Ion:	83	Resp:	47175
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.1	15.4
85	63.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 19.823 ug/l m

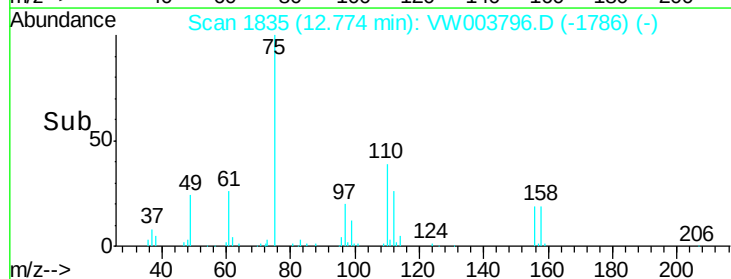
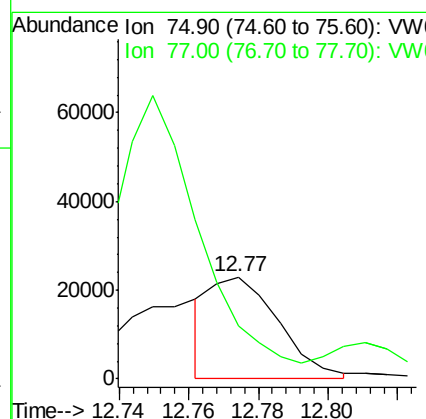
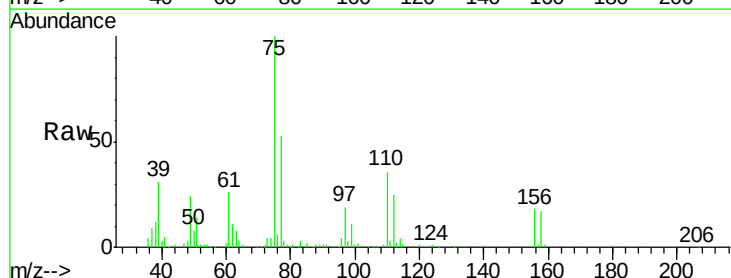
RT: 12.77 min Scan# 1835

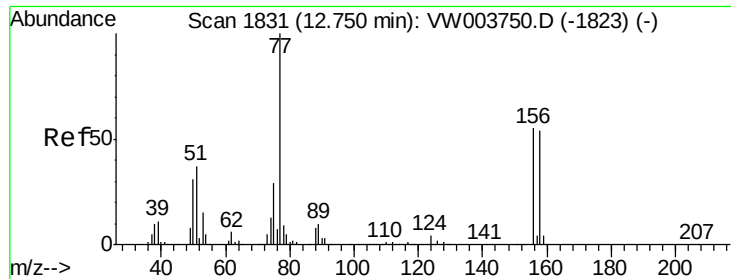
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	75	Resp:	31242
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.552 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampleId :

VW0709SBSD02

Tot Ion:156 Resp: 58155

Ion Ratio Lower Upper

156 100

77 193.9 98.7 296.0

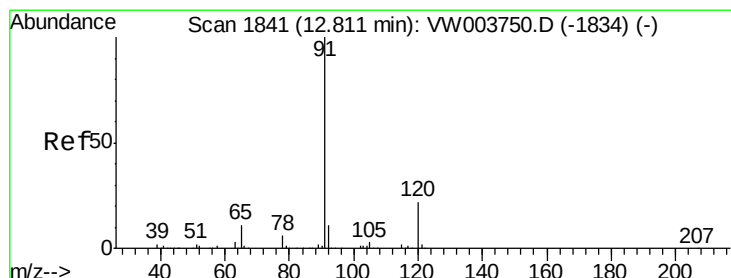
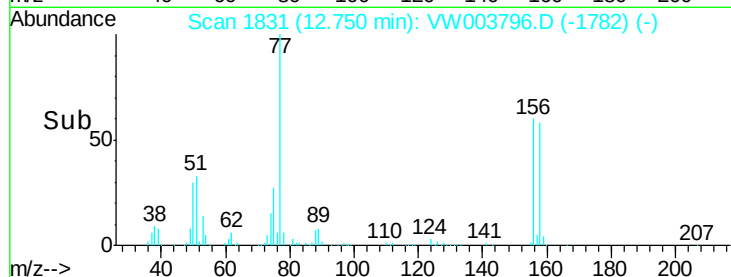
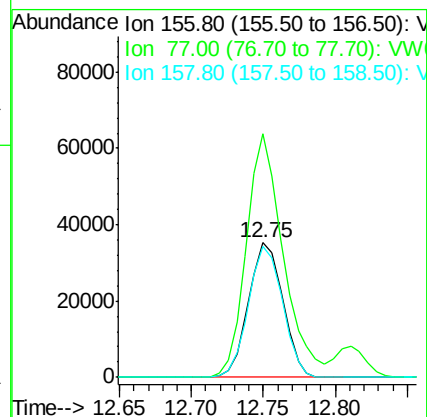
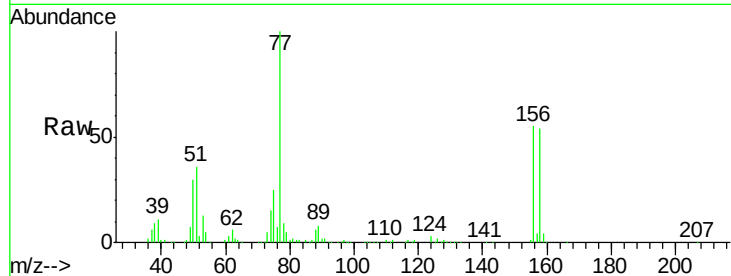
158 97.1 49.0 147.0

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#78

n-propylbenzene

Concen: 21.914 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003796.D

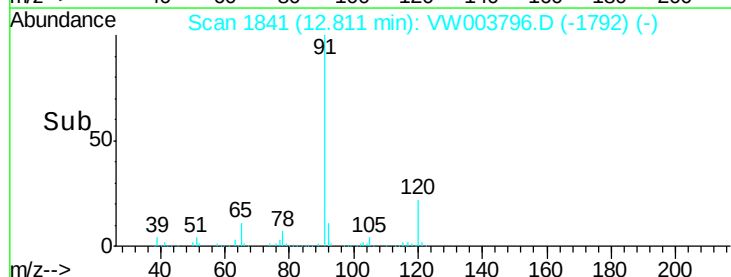
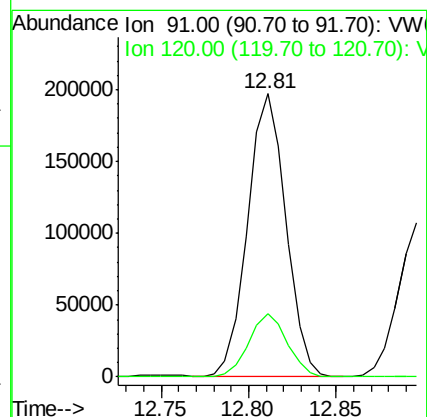
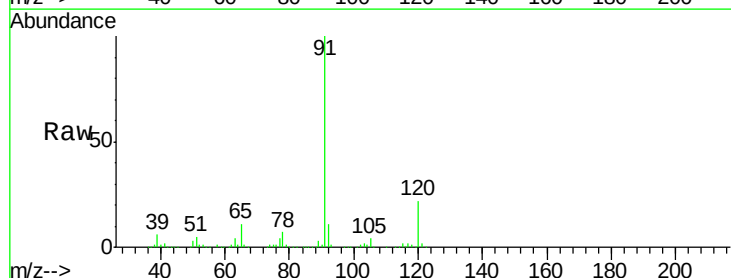
Acq: 10 Jul 2018 01:05

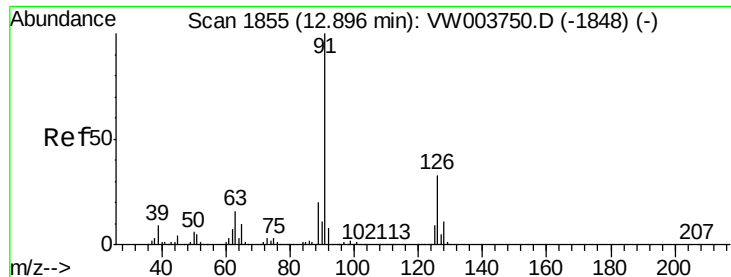
Tgt Ion: 91 Resp: 299002

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 21.831 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

ClientSampled :

VW0709SBS02

Tot Ion: 91 Resp: 171126

Ion Ratio Lower Upper

91 100

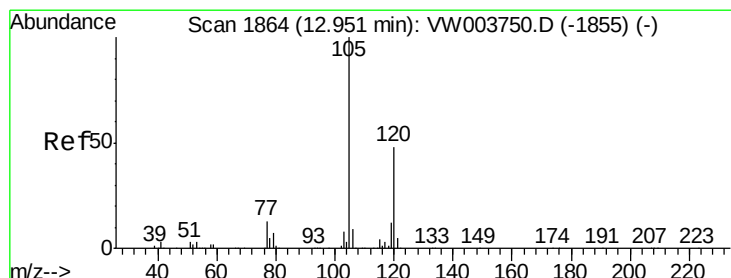
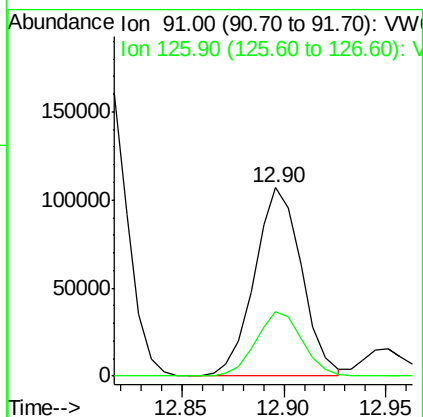
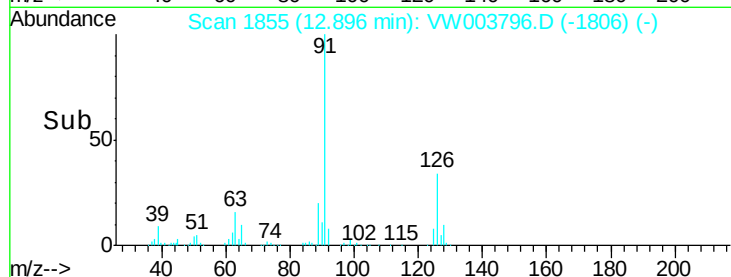
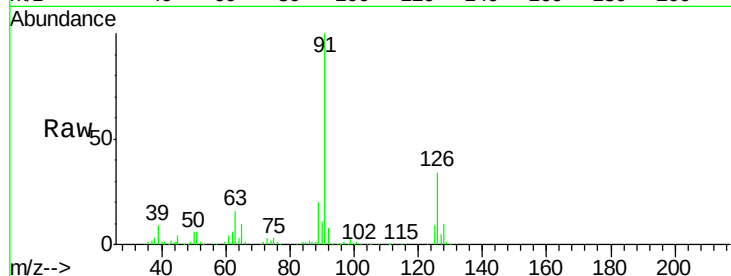
126 33.7 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.529 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW003796.D

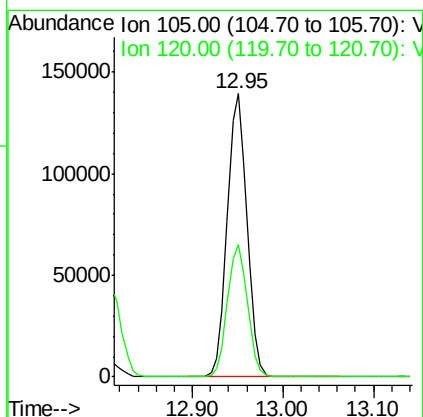
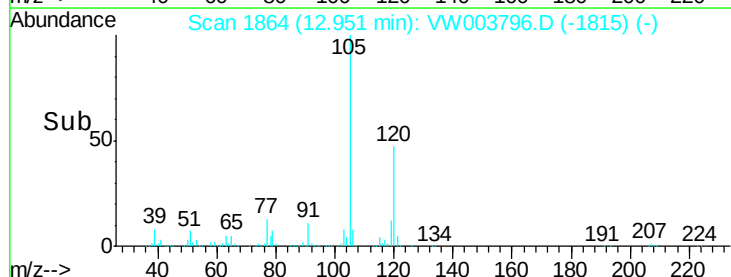
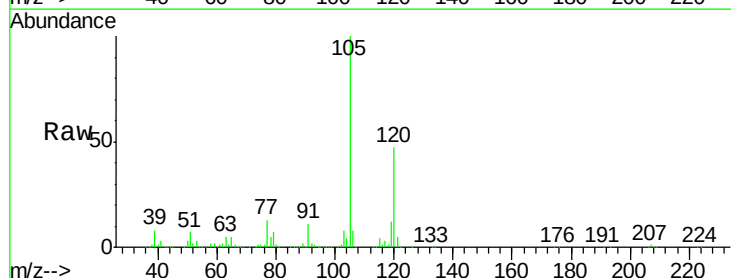
Acq: 10 Jul 2018 01:05

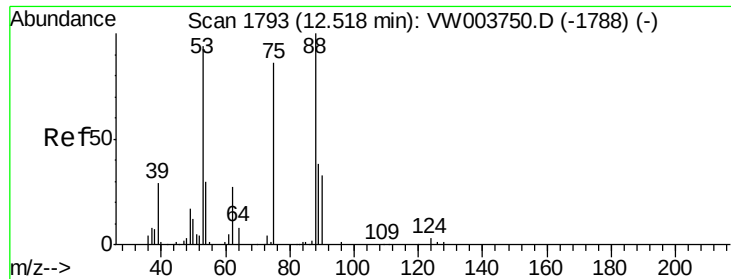
Tgt Ion:105 Resp: 211053

Ion Ratio Lower Upper

105 100

120 47.4 24.2 72.6





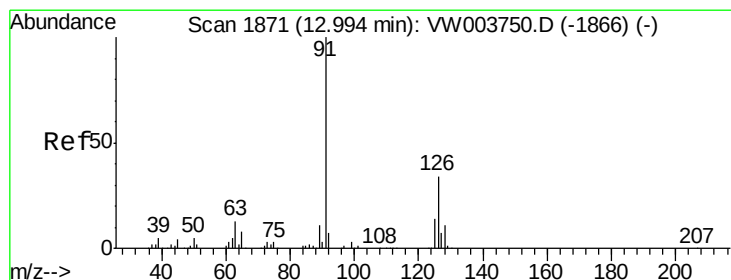
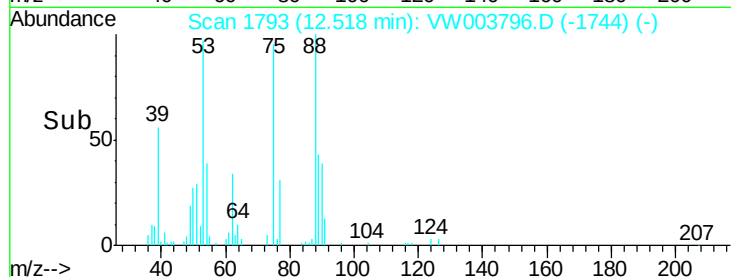
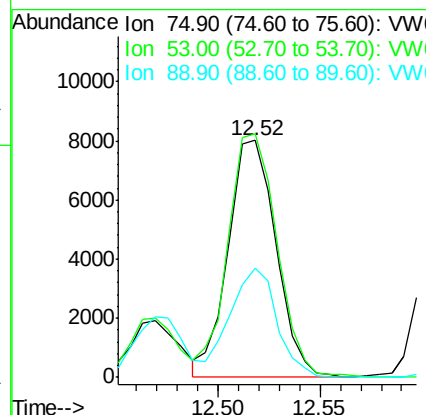
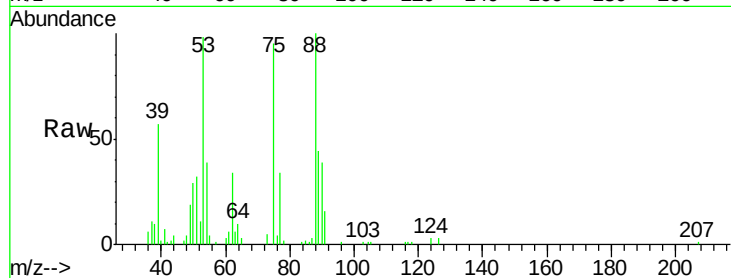
#81
trans-1,4-Dichloro-2-butene
Concen: 20.286 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.5	85.0	127.6
89	44.6	36.3	54.5

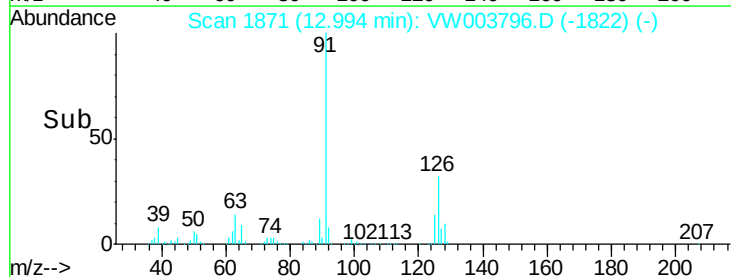
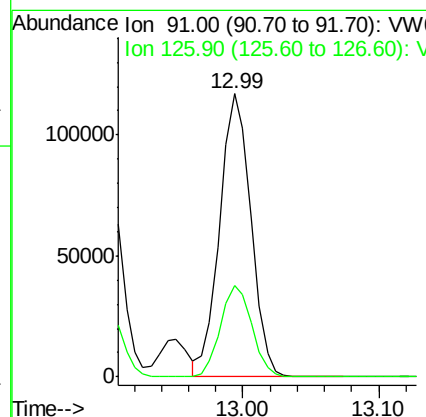
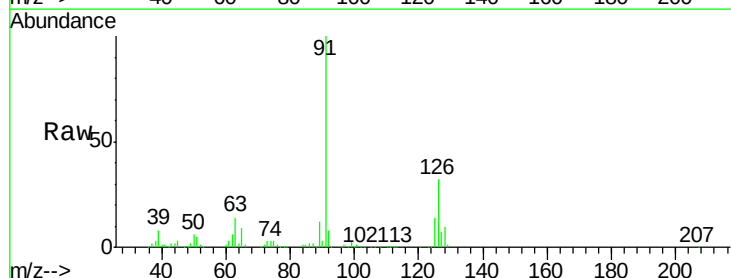
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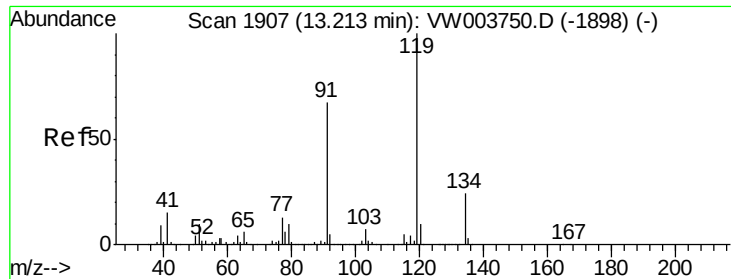
apatel
7/10/2018 10:47:40 AM



#82
4-Chlorotoluene
Concen: 22.113 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.5	49.5





#83

tert-Butylbenzene

Concen: 21.974 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

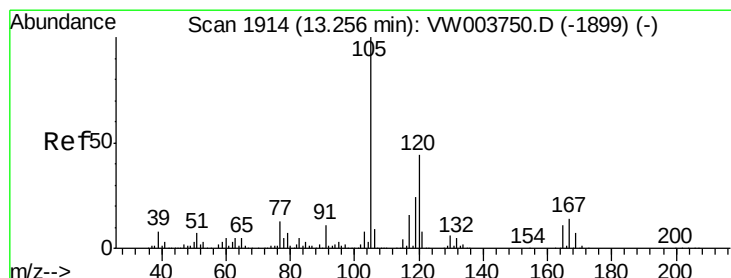
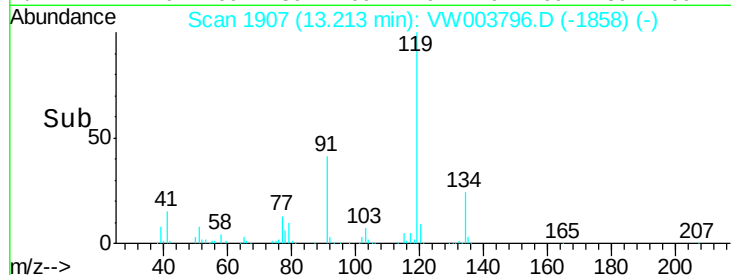
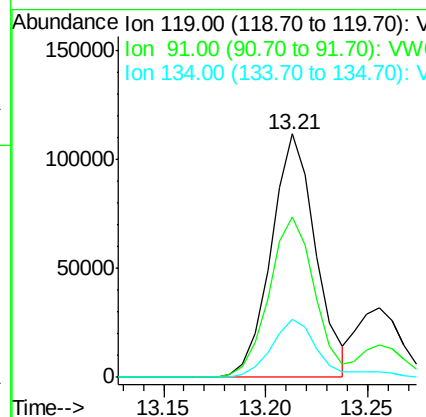
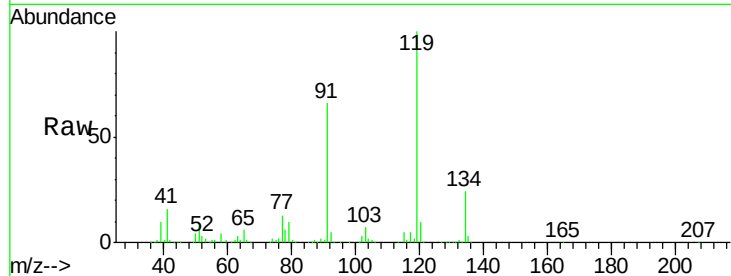
ClientSampleId :

VW0709SBSD02

Tot Ion:	119	Resp:	169771
Ion Ratio	Lower	Upper	
119	100		
91	67.3	33.0	98.9
134	25.8	12.8	38.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 22.141 ug/l

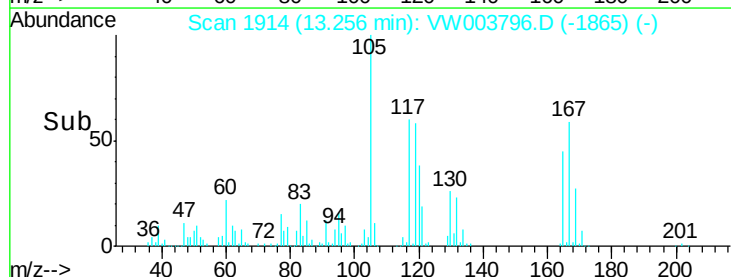
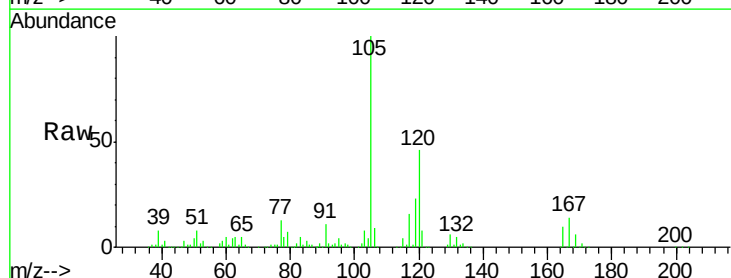
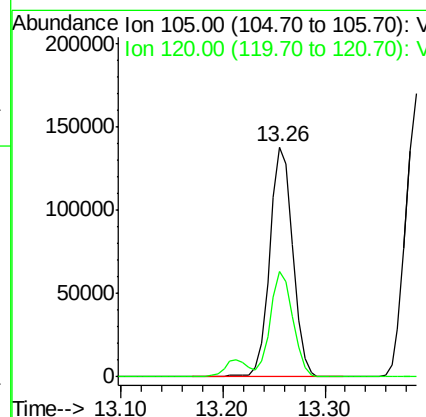
RT: 13.26 min Scan# 1914

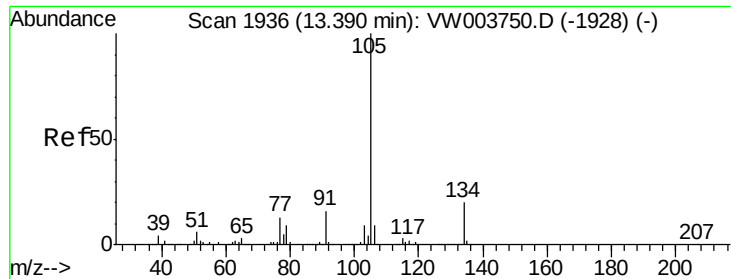
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	105	Resp:	215472
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.0	66.0





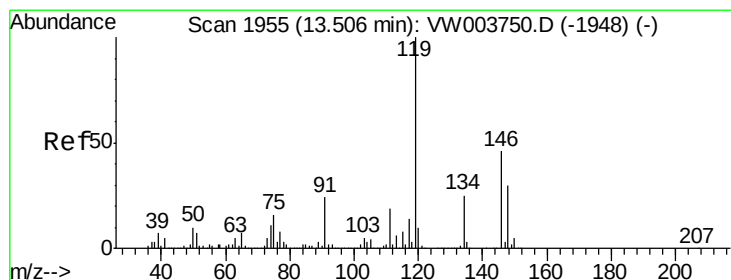
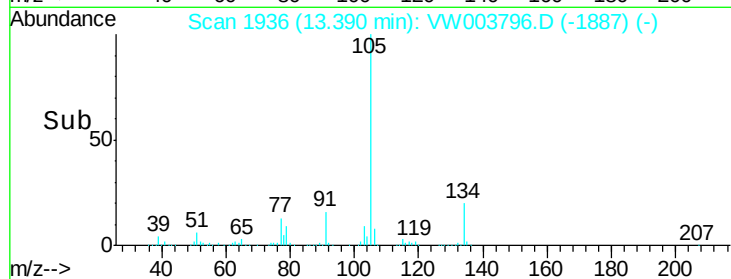
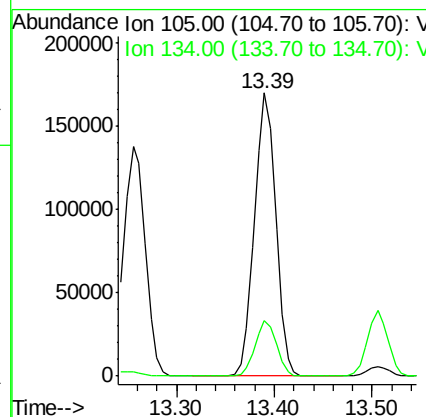
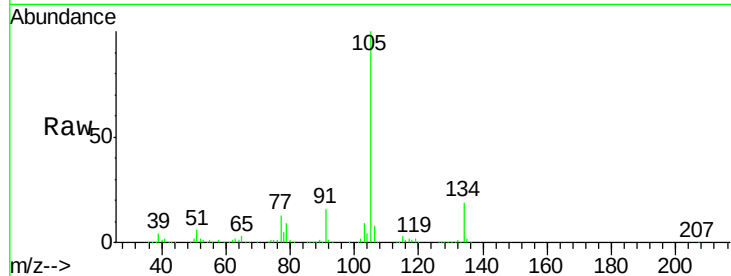
#85
 sec-Butylbenzene
 Concen: 22.390 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

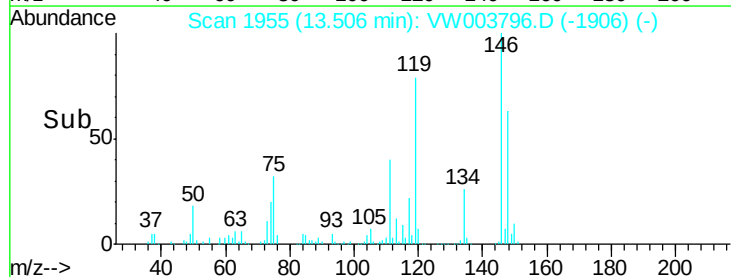
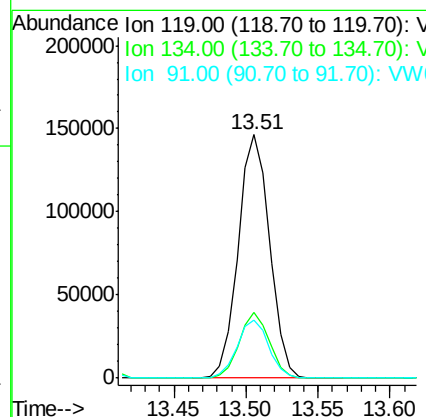
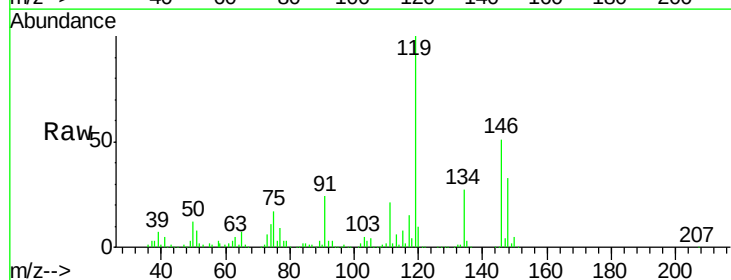
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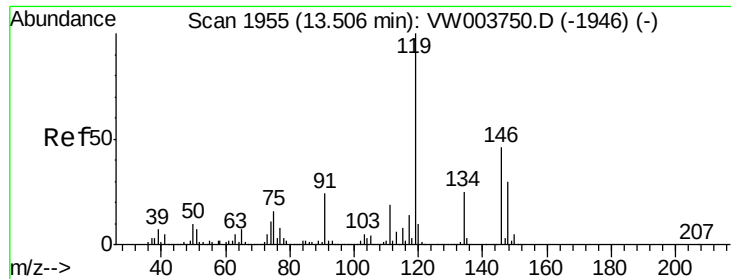
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#86
 p-Isopropyltoluene
 Concen: 21.936 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	24.1	11.9	35.9





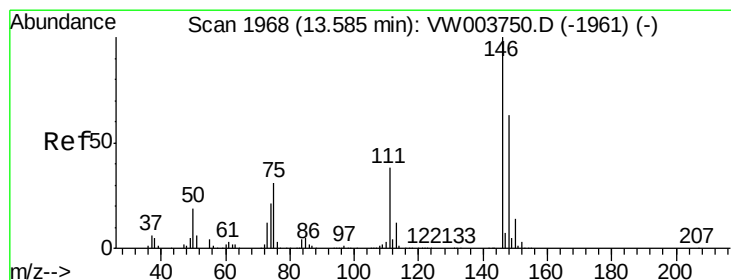
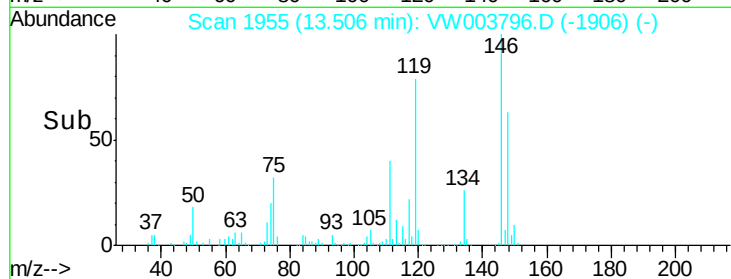
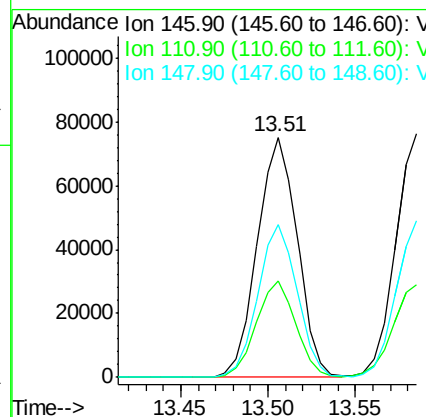
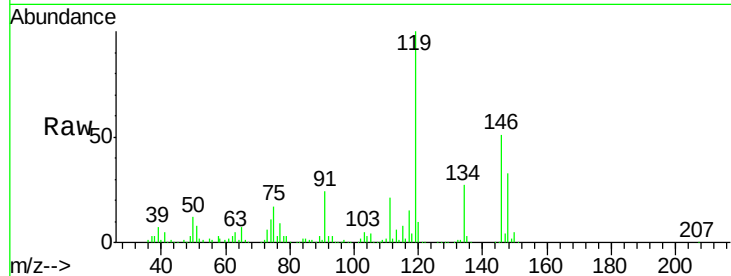
#87
 1,3-Dichlorobenzene
 Concen: 21.846 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	119436		
111	39.6	20.2	60.5	
148	62.7	31.9	95.7	

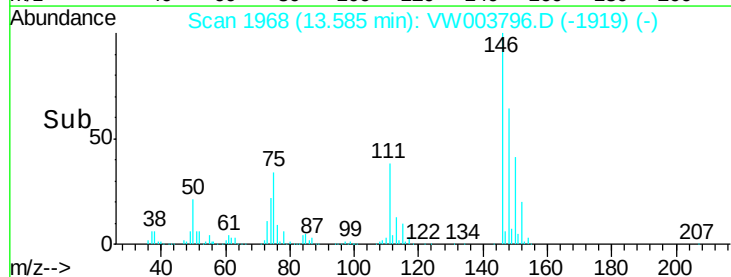
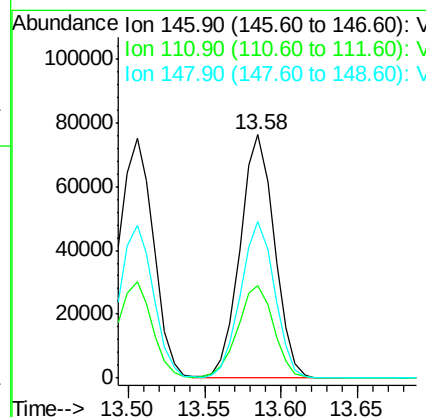
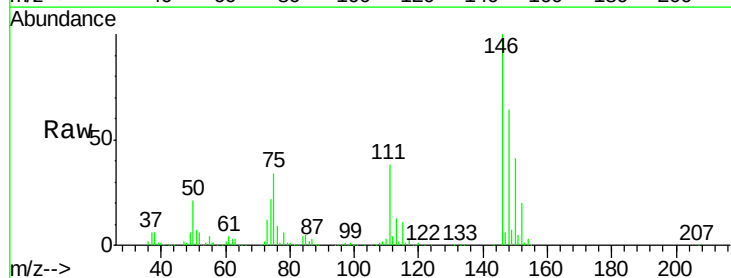
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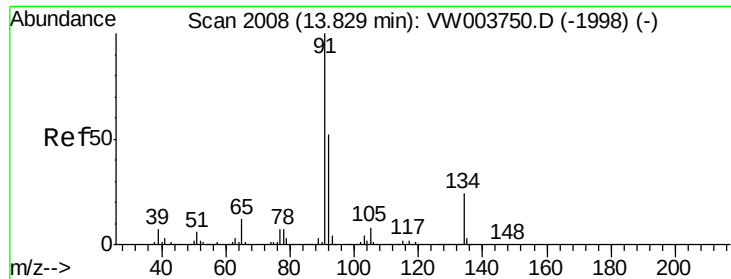
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 21.639 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118962		
111	39.9	19.4	58.4	
148	63.8	31.9	95.7	





#89

n-Butylbenzene

Concen: 21.562 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Instrument :

MSVOA_W

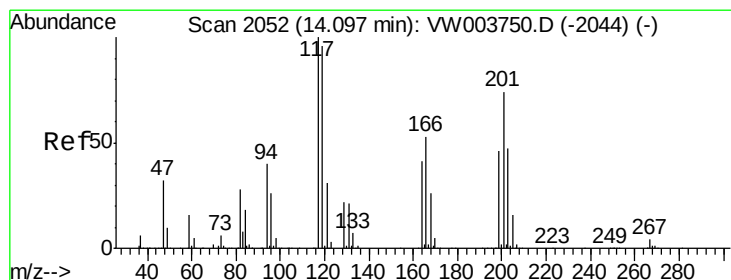
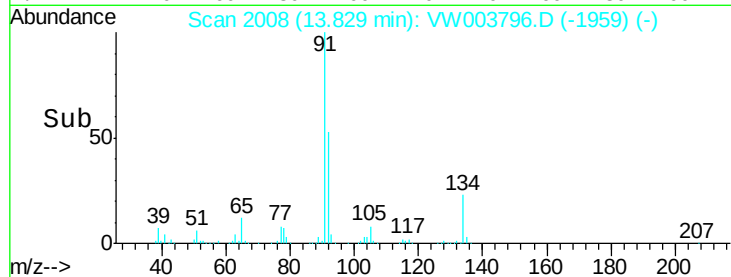
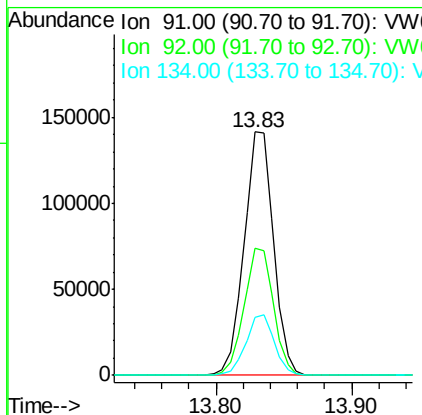
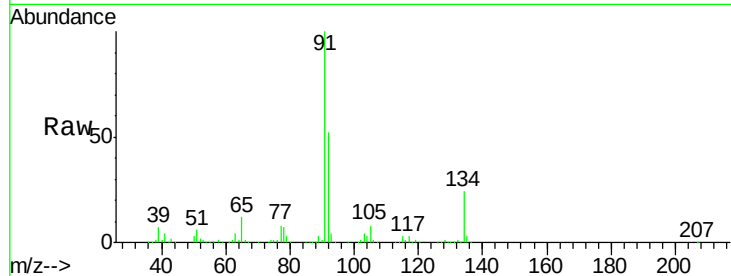
ClientSampleId :

VW0709SBS02

Tot Ion:	91	Resp:	214195
Ion Ratio	Lower	Upper	
91	100		
92	52.1	26.1	78.3
134	24.3	12.4	37.4

Manual Integrations
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#90

Hexachloroethane

Concen: 21.249 ug/l

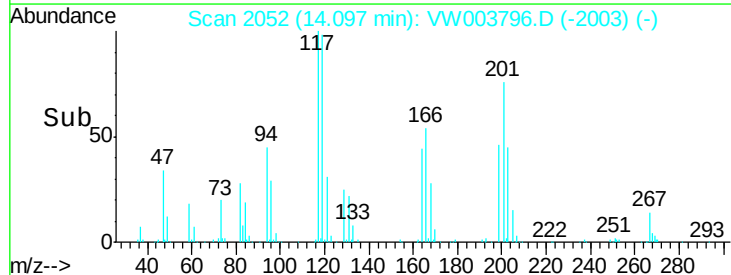
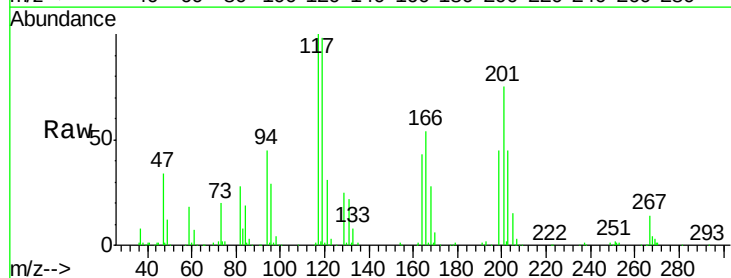
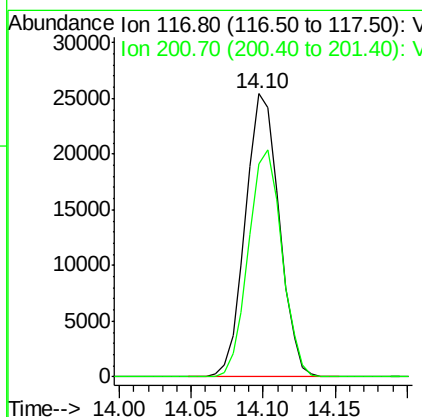
RT: 14.10 min Scan# 2052

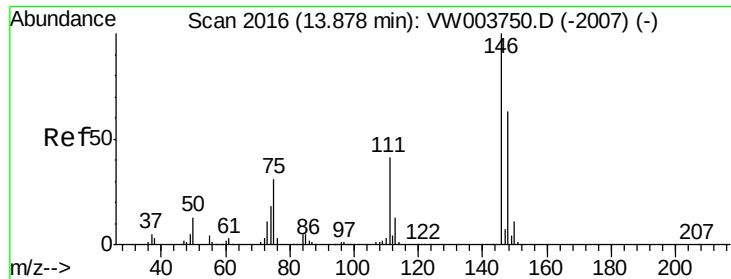
Delta R.T. -0.00 min

Lab File: VW003796.D

Acq: 10 Jul 2018 01:05

Tgt Ion:	117	Resp:	41337
Ion Ratio	Lower	Upper	
117	100		
201	79.3	39.2	117.6





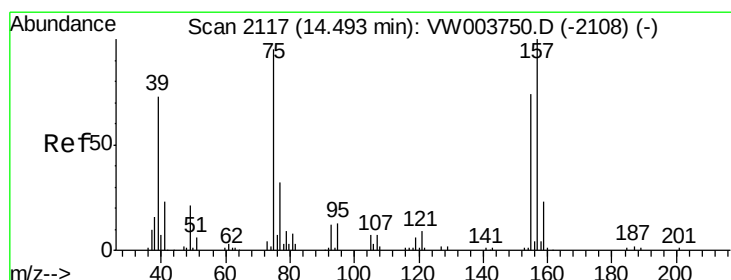
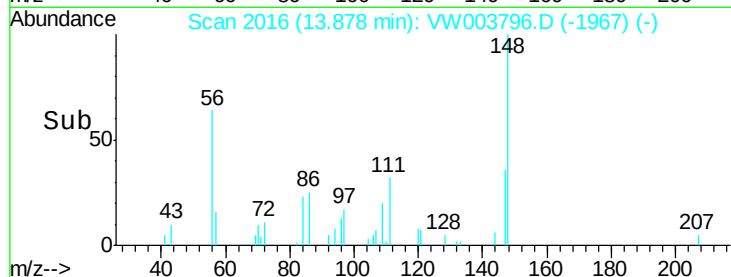
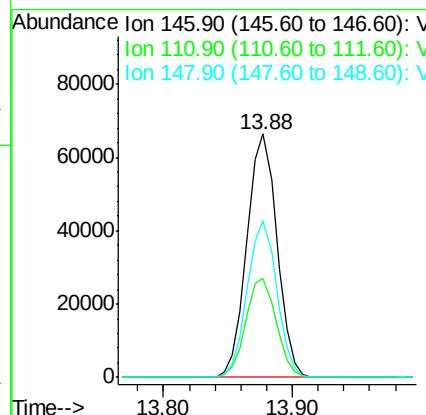
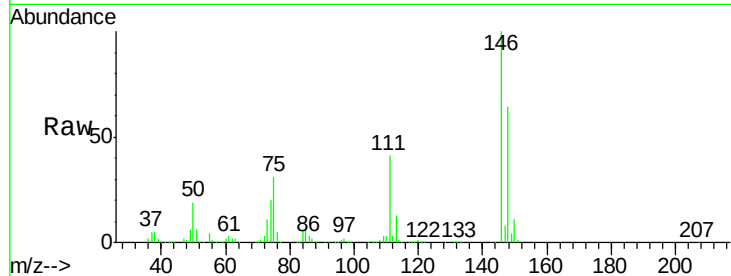
#91
 1,2-Dichlorobenzene
 Concen: 21.728 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	63.2	31.9	95.9

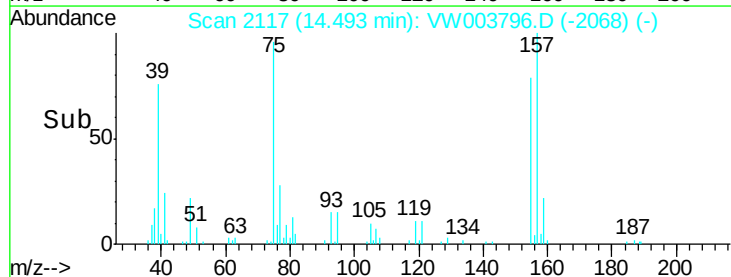
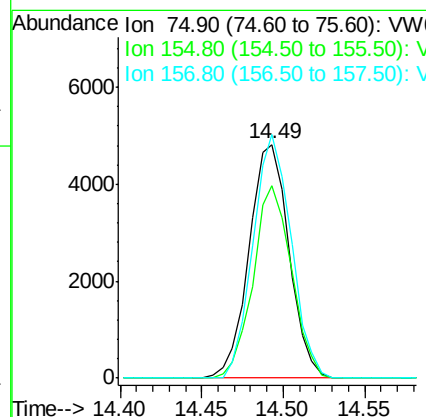
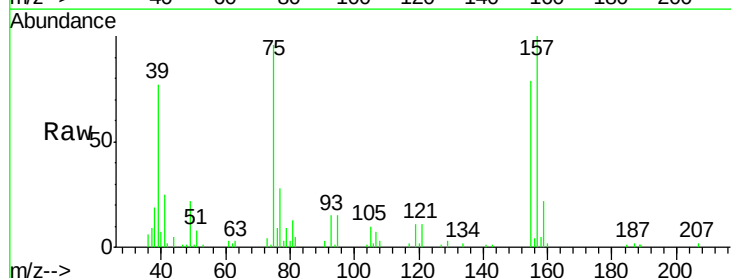
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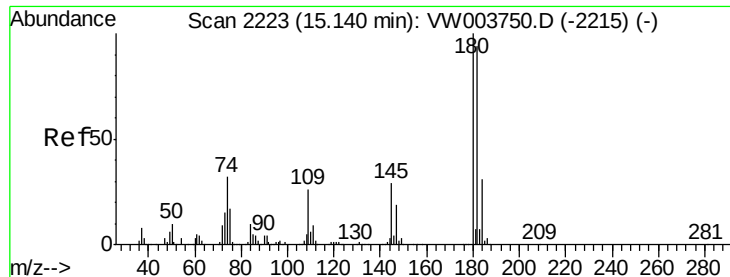
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.496 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.2	117.6
157	99.4	50.7	152.1





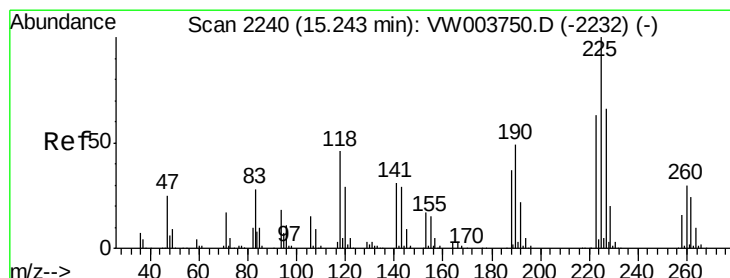
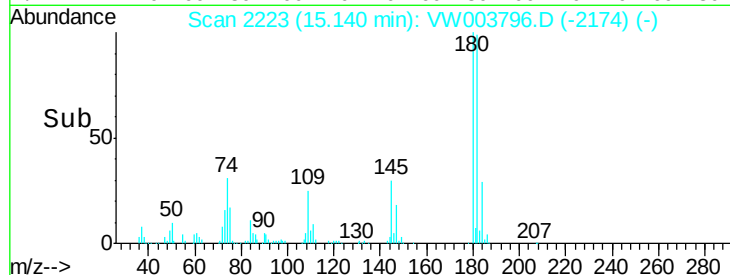
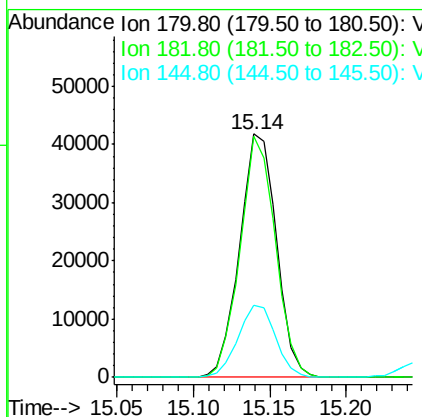
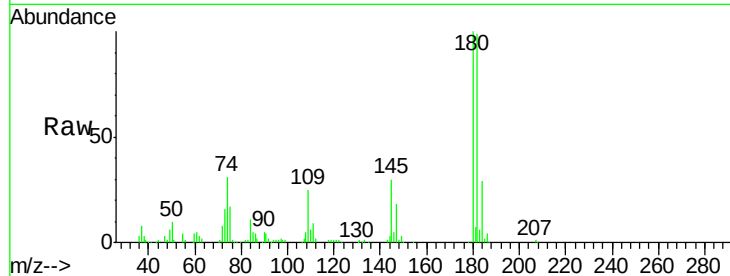
#93
 1,2,4-Trichlorobenzene
 Concen: 21.001 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0709SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69950		
182	95.1	47.4	142.2	
145	30.1	15.0	45.0	

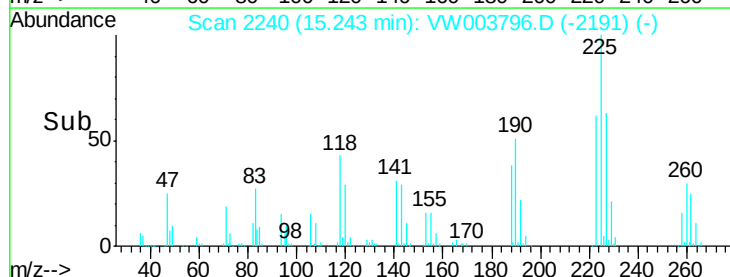
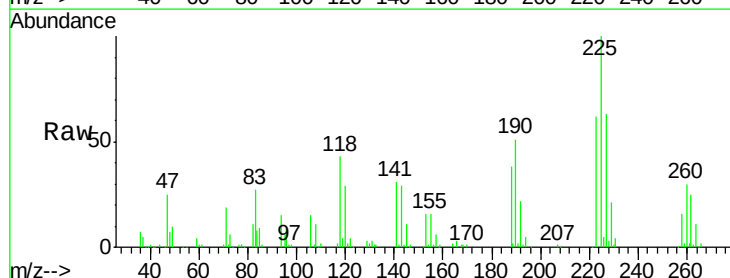
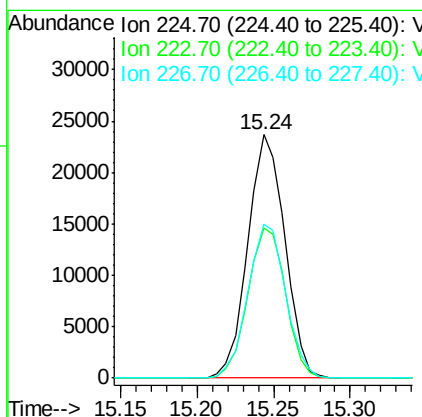
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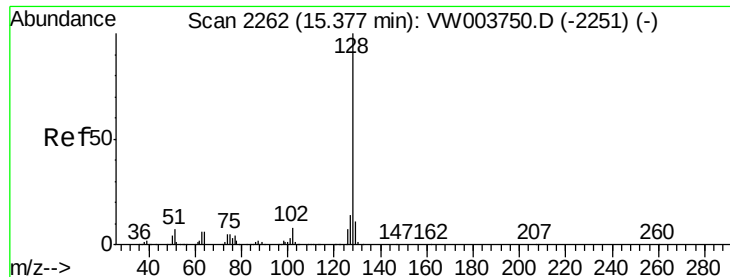
apatel
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#94
 Hexachlorobutadiene
 Concen: 20.969 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: VW003796.D
 Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39949		
223	62.6	32.6	97.7	
227	64.5	32.5	97.5	





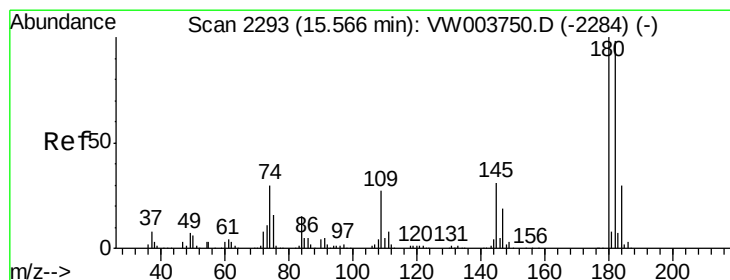
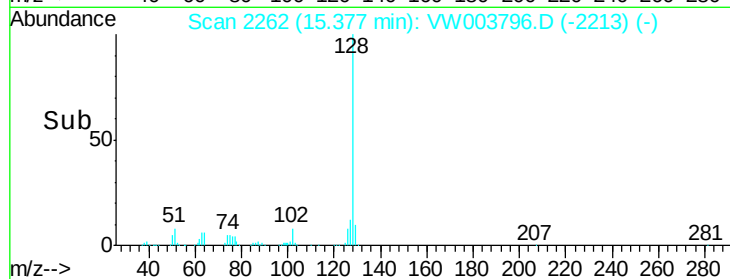
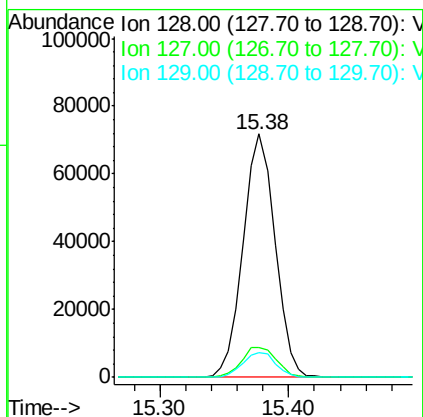
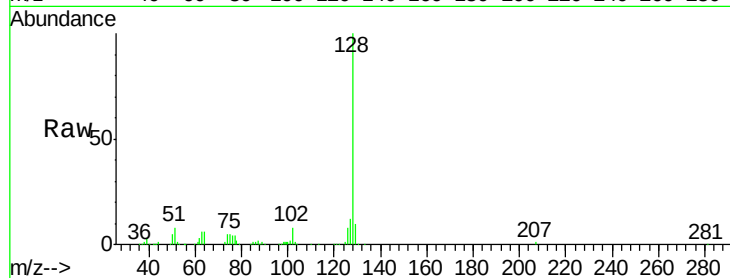
#95
Naphthalene
Concen: 20.672 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Instrument :
MSVOA_W
ClientSampleId :
VW0709SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	10.7	8.6	13.0

Manual Integrations
APPROVED

apatel
7/10/2018 10:47:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.868 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003796.D
Acq: 10 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	31.4	15.8	47.4

