

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003845.D
 Acq On : 11 Jul 2018 01:37
 Operator : SY/AP
 Sample : VW0710SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Manual Integrations
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 7/11/2018 1:00:16 PM

Quant Time: Jul 11 06:40:26 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	184129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	156439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121785	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.88	113	103994	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.32	98	409062	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.62	95	146637	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16338m	18.24	ug/l	
3) Chloromethane	2.21	50	35006	20.59	ug/l	94
4) Vinyl Chloride	2.36	62	47890	21.36	ug/l	96
5) Bromomethane	2.76	94	30716	19.41	ug/l	100
6) Chloroethane	2.92	64	25343	18.85	ug/l	97
7) Trichlorofluoromethane	3.25	101	19972	22.05	ug/l	99
8) Diethyl Ether	3.67	74	17199	18.53	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	40020	22.72	ug/l	99
10) Methyl Iodide	4.26	142	60752	23.17	ug/l	99
11) Tert butyl alcohol	5.18	59	15371	117.79	ug/l	99
12) 1,1-Dichloroethene	4.03	96	39990	23.12	ug/l	96
13) Acrolein	3.89	56	16988	87.03	ug/l	99
14) Allyl chloride	4.65	41	66264	22.03	ug/l	99
15) Acrylonitrile	5.37	53	52898	113.79	ug/l	100
16) Acetone	4.12	43	46606	111.56	ug/l	98
17) Carbon Disulfide	4.37	76	127593	22.50	ug/l	99
18) Methyl Acetate	4.67	43	27059	22.97	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	74865	20.95	ug/l	99
20) Methylene Chloride	4.91	84	49124	21.64	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44810	21.88	ug/l	95
22) Diisopropyl ether	6.31	45	142580	21.57	ug/l	96
23) Vinyl Acetate	6.26	43	416288	103.15	ug/l	99
24) 1,1-Dichloroethane	6.20	63	84333	21.09	ug/l	98
25) 2-Butanone	7.18	43	69302	105.91	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43863	20.22	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	47479	20.97	ug/l	100
28) Bromochloromethane	7.51	49	37699	21.16	ug/l	98
29) Tetrahydrofuran	7.53	42	45505	108.18	ug/l	99
30) Chloroform	7.67	83	87572	21.47	ug/l	98
31) Cyclohexane	7.95	56	73235	20.84	ug/l	# 92
32) 1,1,1-Trichloroethane	7.87	97	66213	21.33	ug/l	98
36) 1,1-Dichloropropene	8.09	75	66645	21.24	ug/l	100
37) Ethyl Acetate	7.26	43	32335	21.18	ug/l	99
38) Carbon Tetrachloride	8.06	117	64144	21.50	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73080	21.27	ug/l	96
40) Benzene	8.32	78	191583	21.36	ug/l	98
41) Methacrylonitrile	7.48	41	18869	21.49	ug/l	96
42) 1,2-Dichloroethane	8.40	62	62115	21.40	ug/l	100
43) Isopropyl Acetate	8.43	43	61142	21.13	ug/l	99
44) Trichloroethene	9.09	130	48501	21.45	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48809	20.93	ug/l	100
46) Dibromomethane	9.46	93	26448	21.57	ug/l	99
47) Bromodichloromethane	9.65	83	62678	20.78	ug/l	99
48) Methyl methacrylate	9.44	41	28028	20.34	ug/l	98
49) 1,4-Dioxane	9.45	88	7739	422.25	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	159681	106.65	ug/l	99
52) Toluene	10.39	92	121308	21.81	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60850	20.20	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	69495	20.44	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	36367	21.35	ug/l	92
56) Ethyl methacrylate	10.65	69	41777	20.10	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63397	21.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92643	93.37	ug/l	99
59) 2-Hexanone	10.98	43	109512	106.52	ug/l	97
60) Dibromochloromethane	11.13	129	41859	21.05	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34026	20.89	ug/l	99
64) Tetrachloroethene	10.87	164	45918	21.90	ug/l	97
65) Chlorobenzene	11.66	112	131278	21.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	46090	21.11	ug/l	99
67) Ethyl Benzene	11.74	91	228483	21.39	ug/l	99
68) m/p-Xylenes	11.84	106	175073	42.79	ug/l	100
69) o-Xylene	12.17	106	81019	21.46	ug/l	98
70) Styrene	12.18	104	138081	21.51	ug/l	99
71) Bromoform	12.35	173	25339	21.03	ug/l #	99
73) Isopropylbenzene	12.47	105	222130	20.97	ug/l	100
74) N-amyl acetate	12.28	43	57772	20.12	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44364	20.66	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28642m	18.64	ug/l	
77) Bromobenzene	12.75	156	54956	20.89	ug/l	97
78) n-propylbenzene	12.81	91	282160	21.22	ug/l	99
79) 2-Chlorotoluene	12.90	91	162428	21.26	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	195223	21.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12473	19.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	175561	21.37	ug/l	99
83) tert-Butylbenzene	13.21	119	156878	20.83	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	201273	21.22	ug/l	99
85) sec-Butylbenzene	13.39	105	238046	21.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	209145	21.25	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	111656	20.95	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	112899	21.07	ug/l	99
89) n-Butylbenzene	13.84	91	204891	21.16	ug/l	99
90) Hexachloroethane	14.10	117	39057	20.60	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	100472	20.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7549	20.31	ug/l	98

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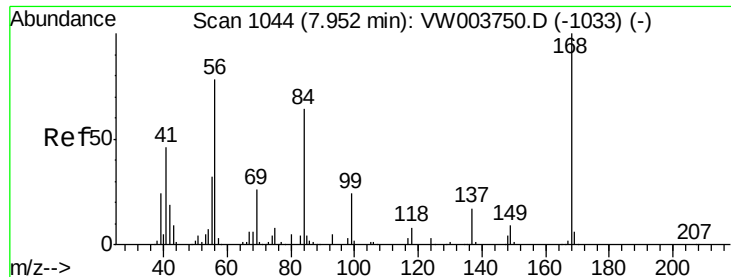
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	66572	20.51	ug/l	100
94) Hexachlorobutadiene	15.24	225	38891	20.94	ug/l	98
95) Naphthalene	15.38	128	115684	19.94	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	59830	20.58	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS02

Tot Ion:168 Resp: 184129

Ion Ratio Lower Upper

168 100

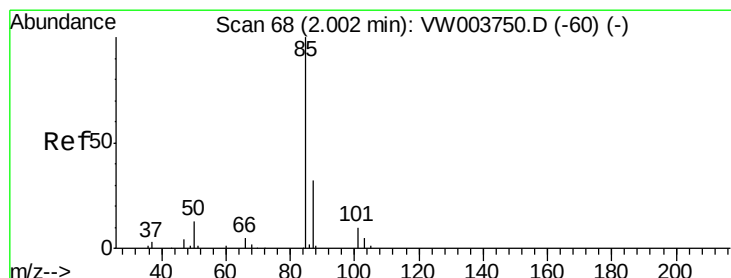
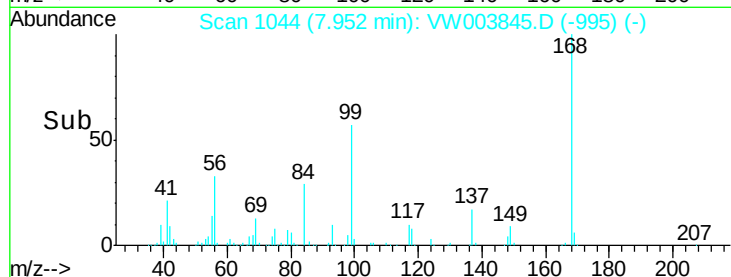
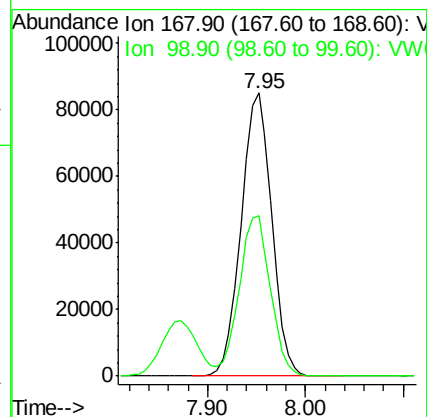
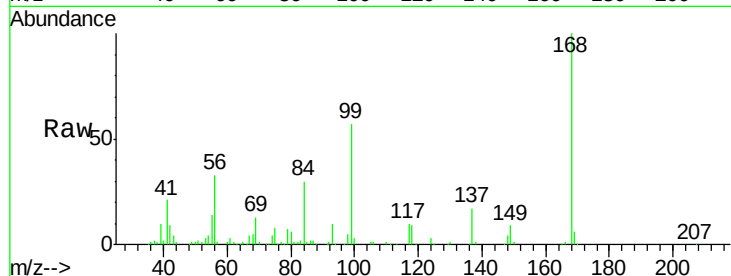
99 56.6 45.0 67.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.24 ug/l m

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003845.D

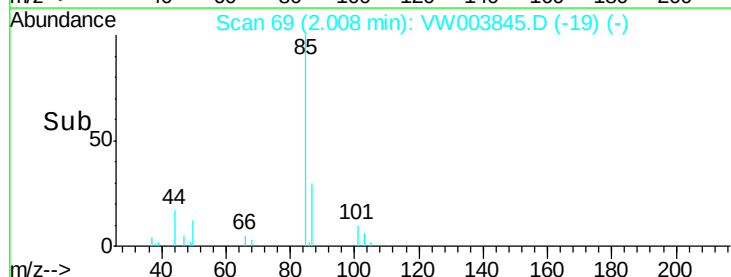
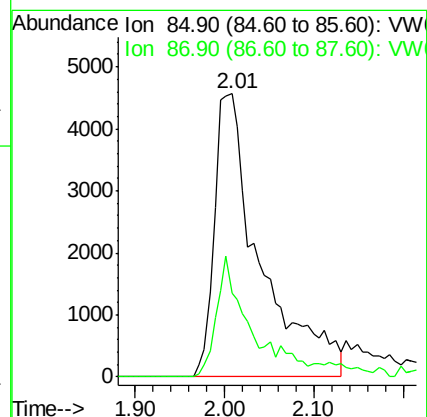
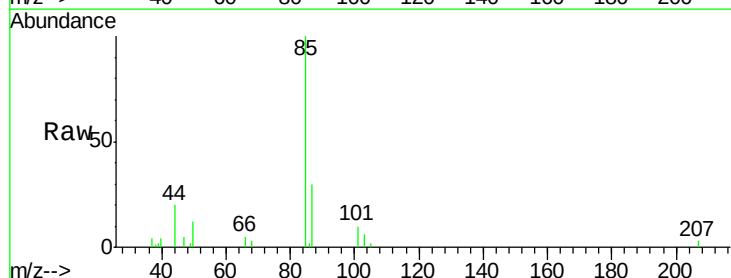
Acq: 11 Jul 2018 01:37

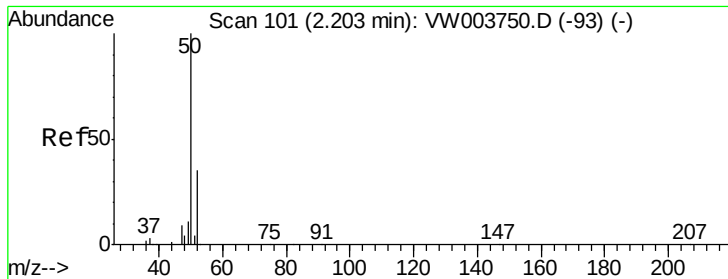
Tgt Ion: 85 Resp: 16338

Ion Ratio Lower Upper

85 100

87 29.6 16.2 48.5





#3

Chloromethane

Concen: 20.59 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS02

Tot Ion: 50 Resp: 35006

Ion Ratio Lower Upper

50 100

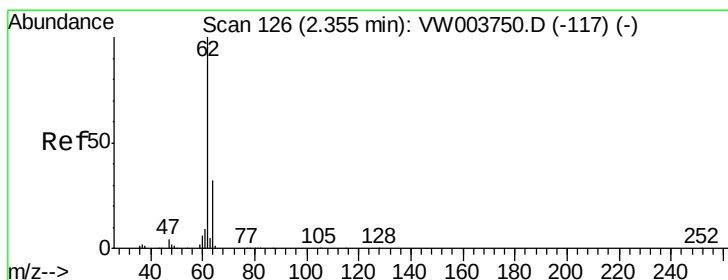
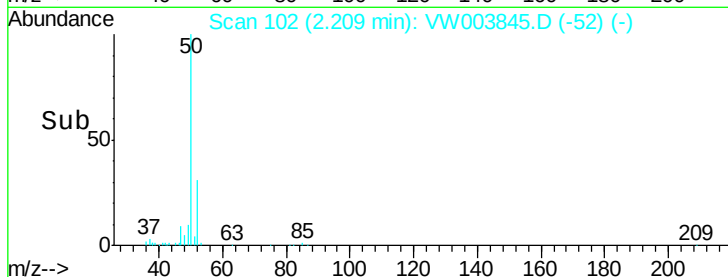
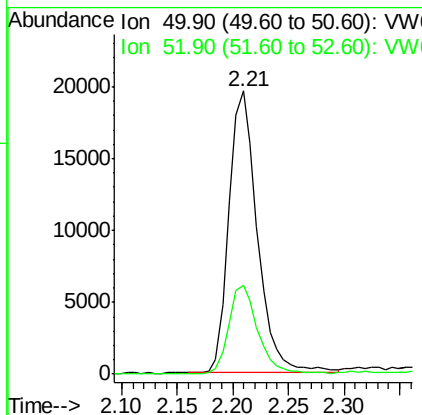
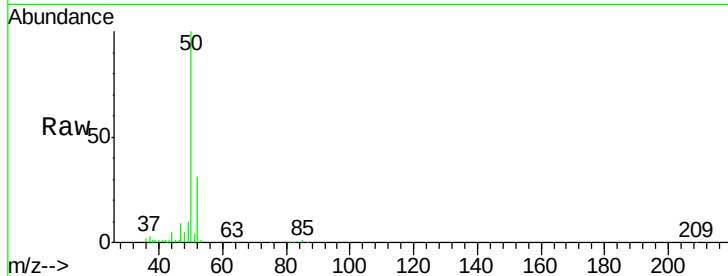
52 31.5 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.36 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003845.D

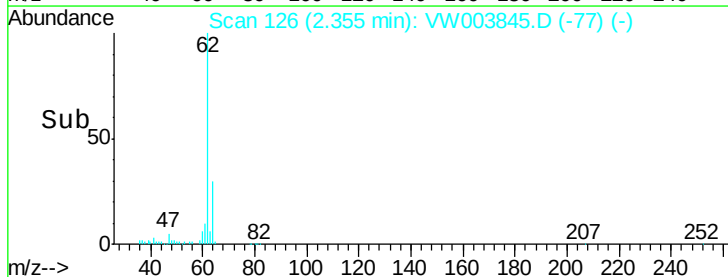
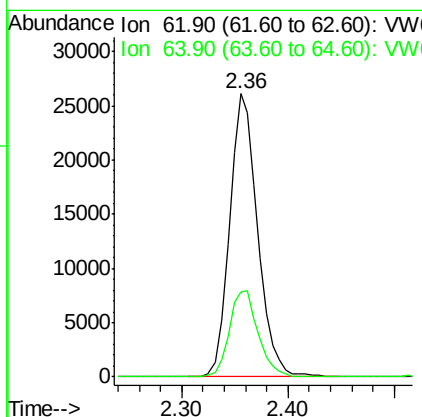
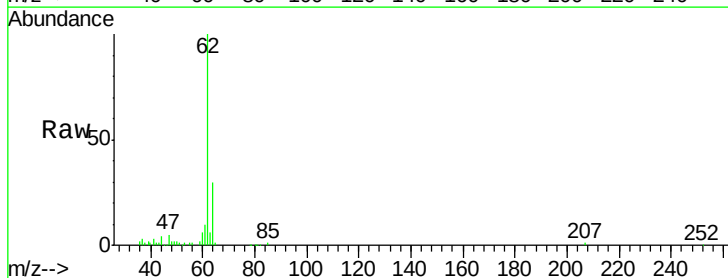
Acq: 11 Jul 2018 01:37

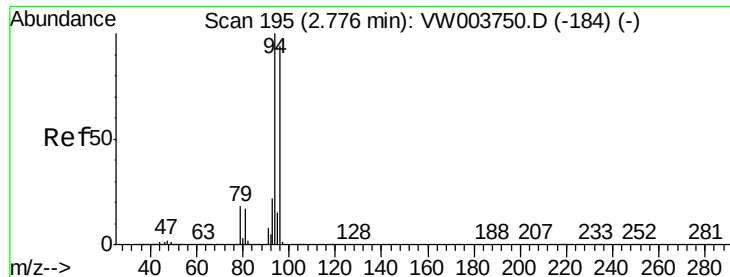
Tgt Ion: 62 Resp: 47890

Ion Ratio Lower Upper

62 100

64 29.9 25.8 38.8





#5

Bromomethane

Concen: 19.41 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS02

Tot Ion: 94 Resp: 30716

Ion Ratio Lower Upper

94 100

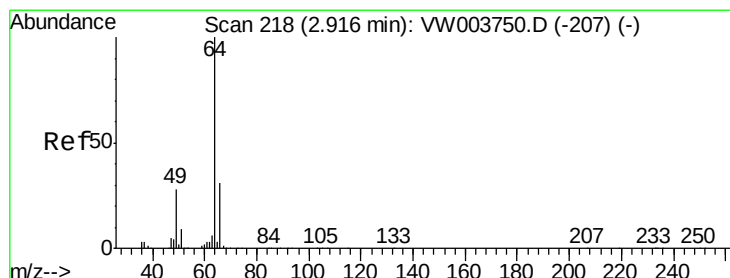
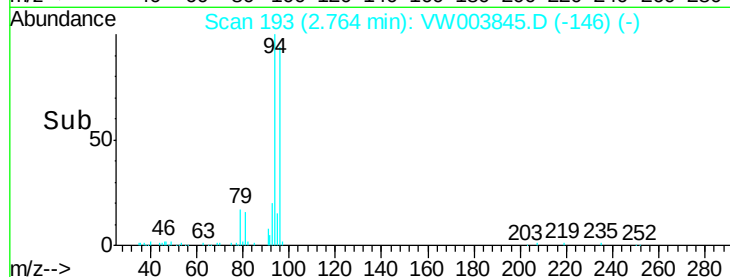
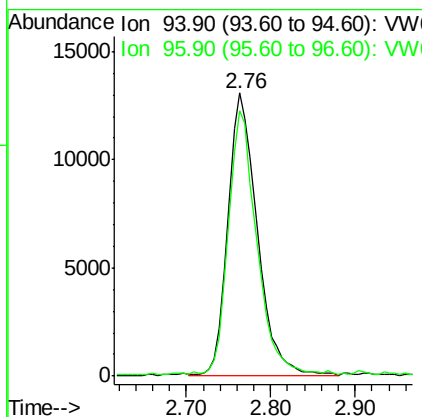
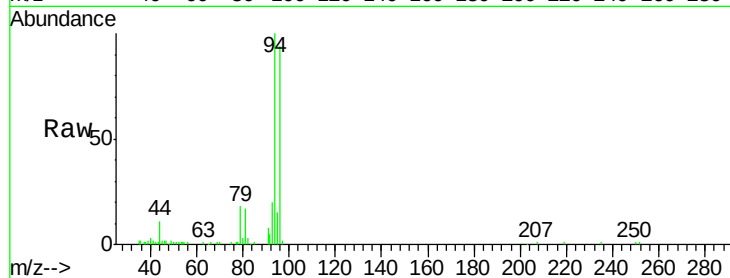
96 93.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 18.85 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW003845.D

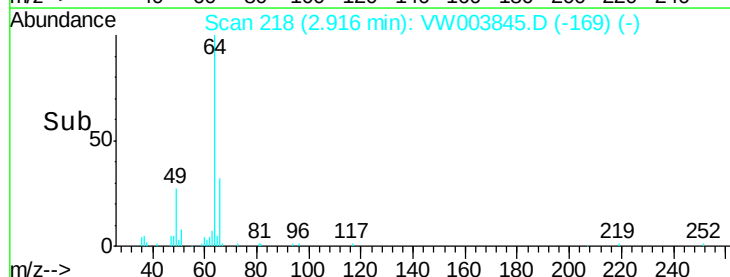
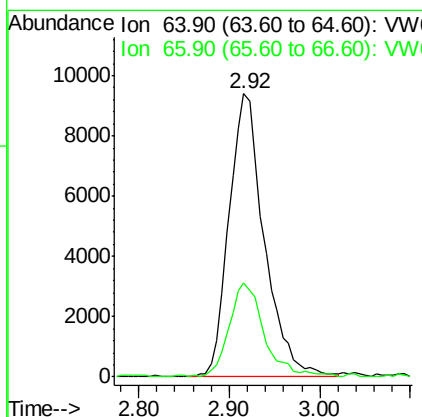
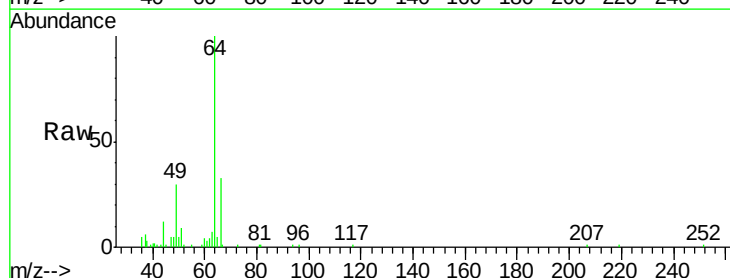
Acq: 11 Jul 2018 01:37

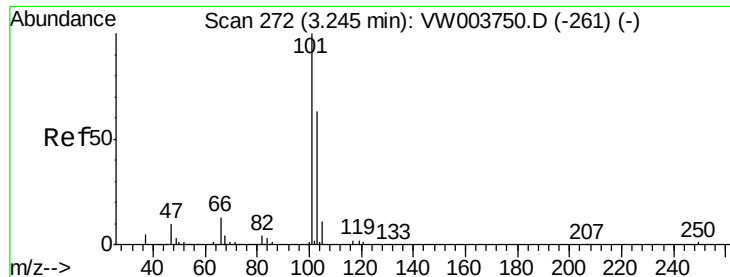
Tgt Ion: 64 Resp: 25343

Ion Ratio Lower Upper

64 100

66 33.0 25.1 37.7





#7

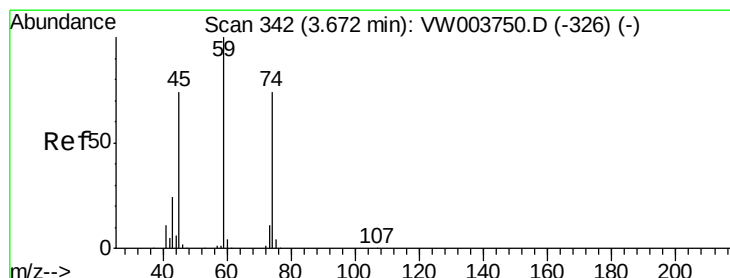
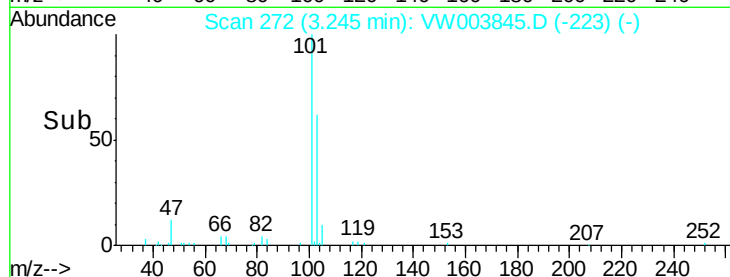
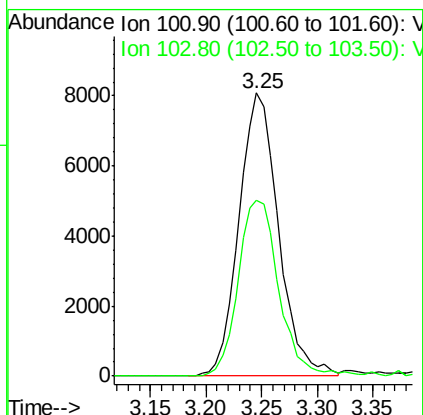
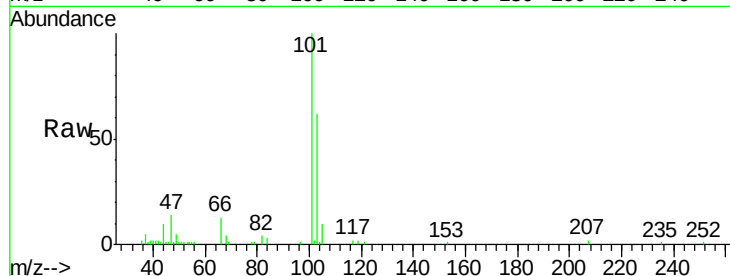
Trichlorofluoromethane
 Concen: 22.05 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
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 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	50.7	76.1

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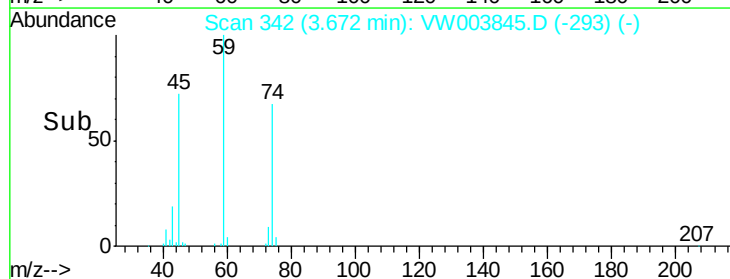
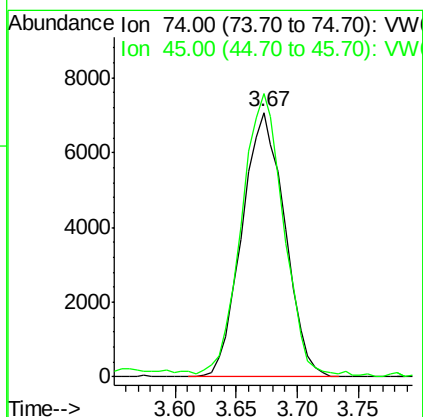
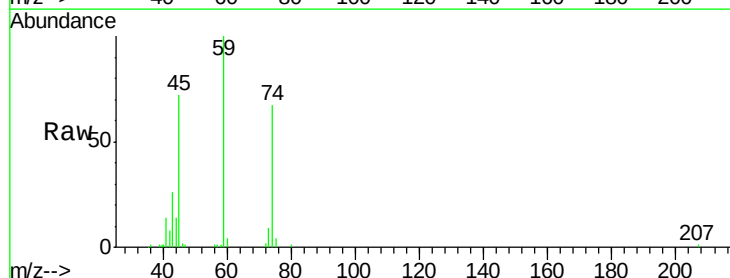
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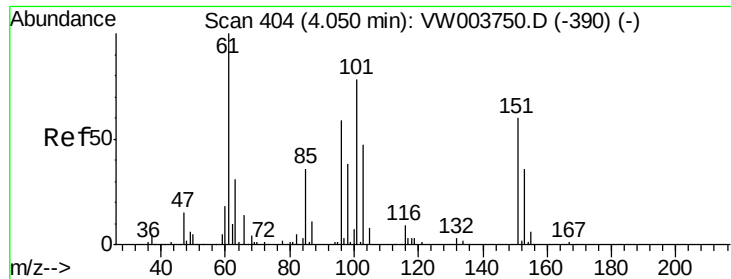


#8

Diethyl Ether
 Concen: 18.53 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	52.4	157.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.72 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

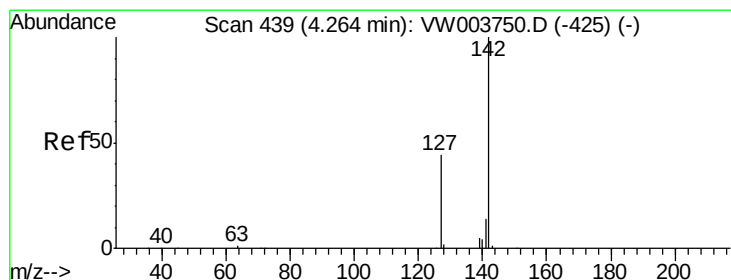
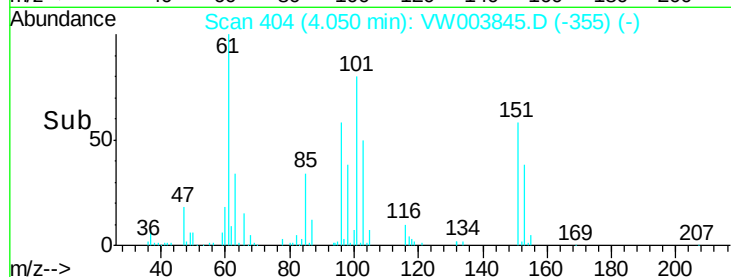
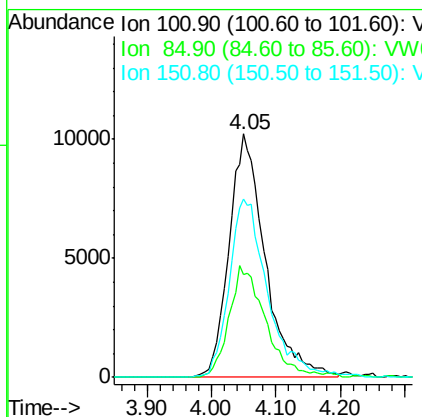
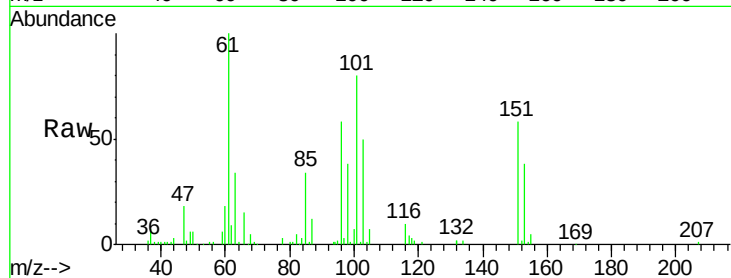
ClientSampled :

VW0710SBS02

Tot Ion:	101	Resp:	40020
Ion Ratio	Lower	Upper	
101	100		
85	45.1	37.1	55.7
151	77.3	62.3	93.5

Manual Integrations
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#10

Methyl Iodide

Concen: 23.17 ug/l

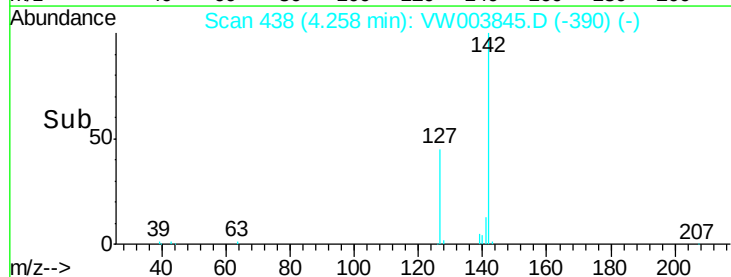
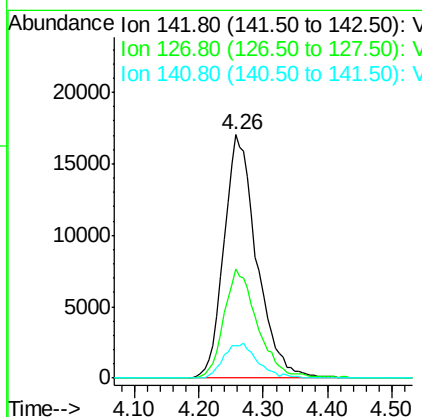
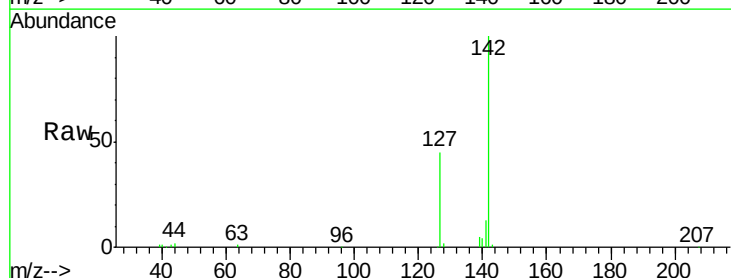
RT: 4.26 min Scan# 438

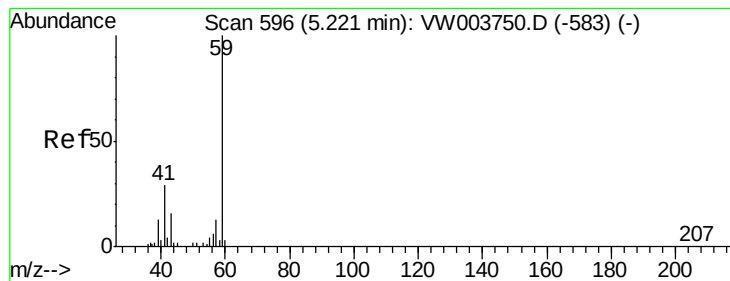
Delta R.T. -0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion:	142	Resp:	60752
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.1	54.1
141	14.8	11.6	17.4





#11

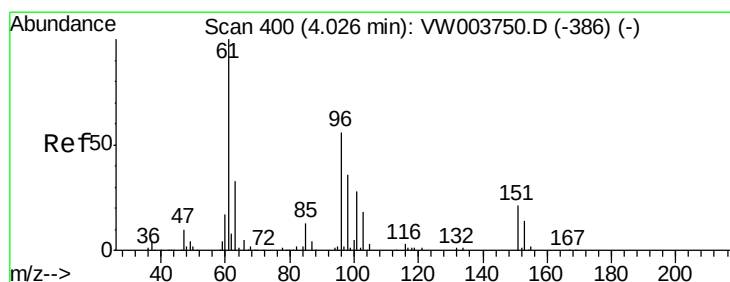
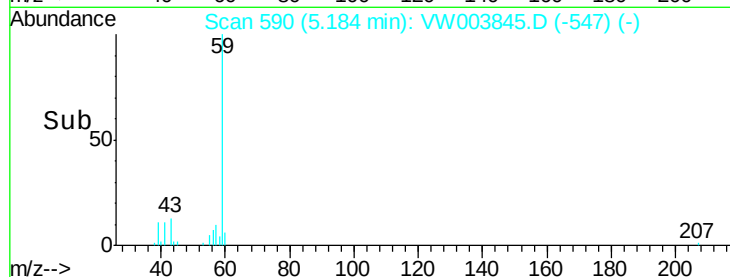
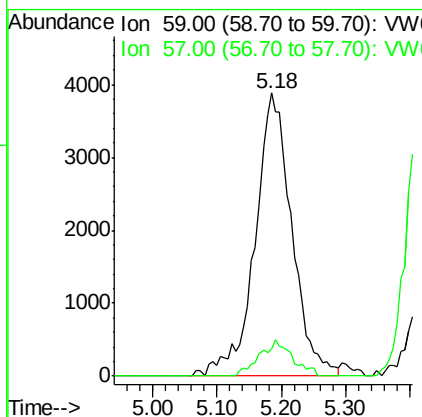
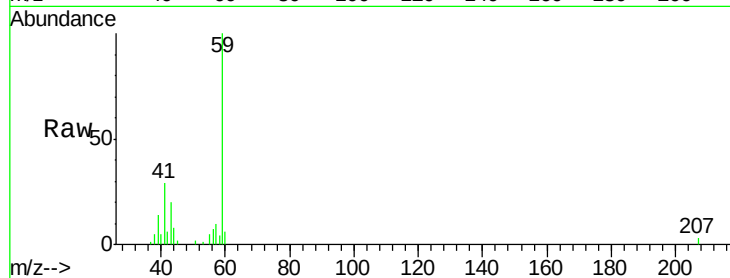
Tert butyl alcohol
Concen: 117.79 ug/l
RT: 5.18 min Scan# 590
Delta R.T. -0.04 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	59	Resp	15371
Ion Ratio	100	Lower	Upper
57	11.3	9.3	13.9

Manual Integrations
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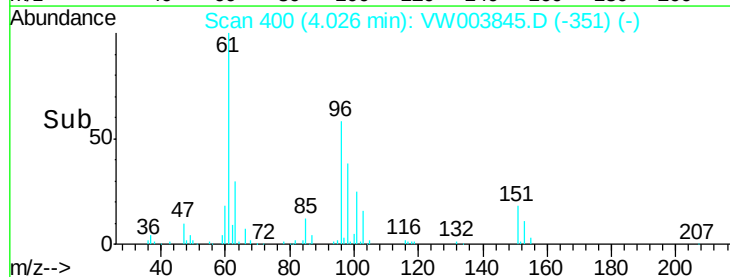
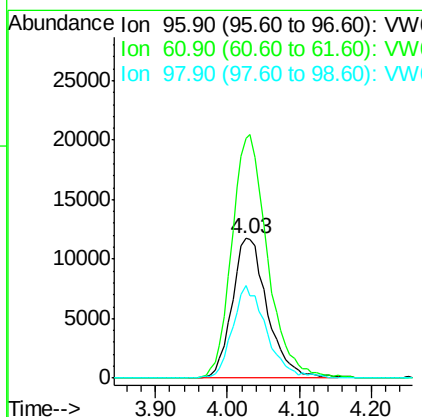
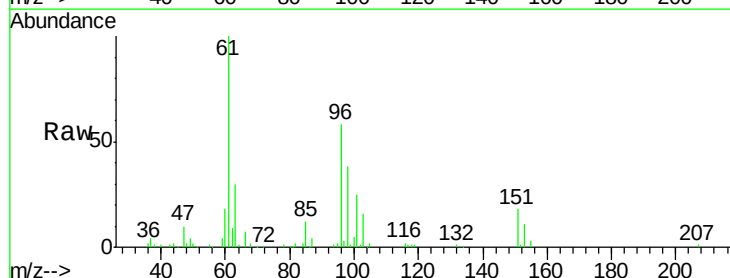
apatel
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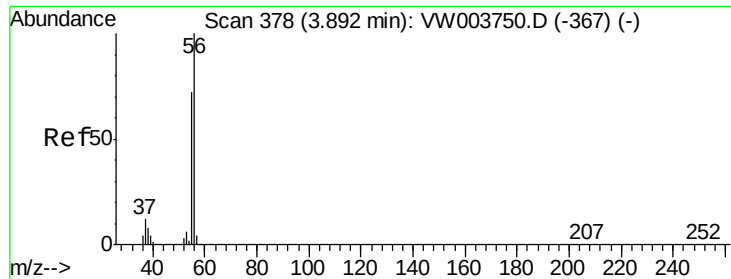


#12

1,1-Dichloroethene
Concen: 23.12 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	96	Resp	39990
Ion Ratio	100	Lower	Upper
61	171.9	143.2	214.8
98	66.0	51.4	77.0





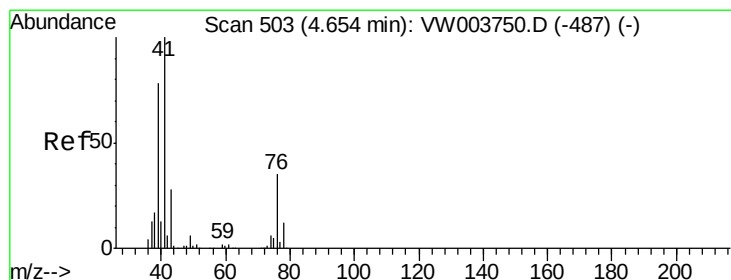
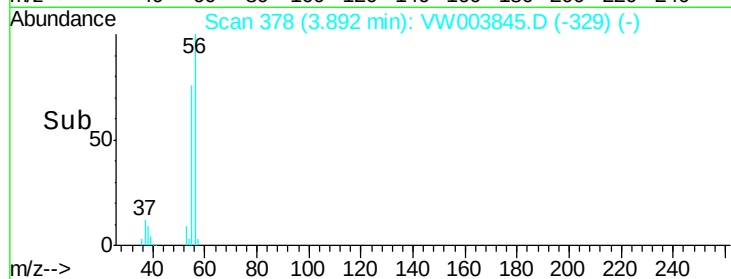
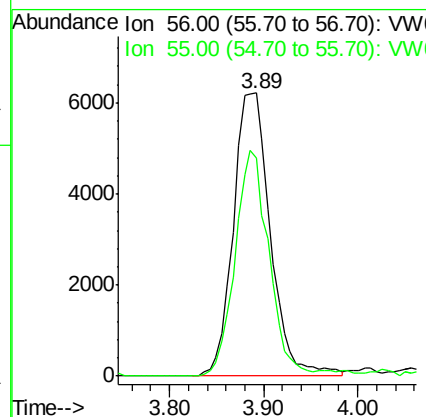
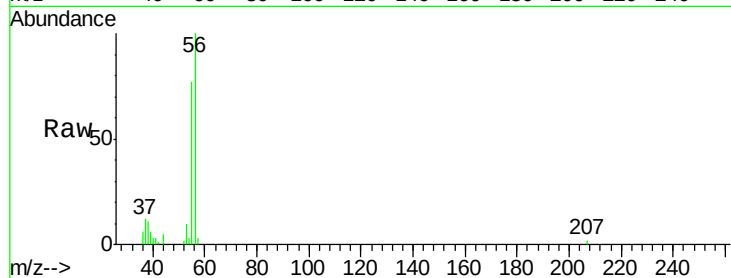
#13
 Acrolein
 Concen: 87.03 ug/l
 RT: 3.89 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	56	55	Ratio	100	72.6	Resp	16988	Lower	57.5	Upper	86.3
Ion											

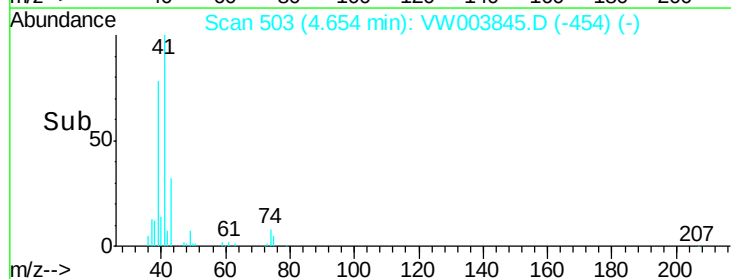
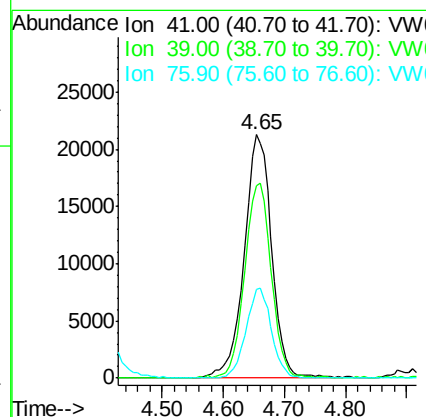
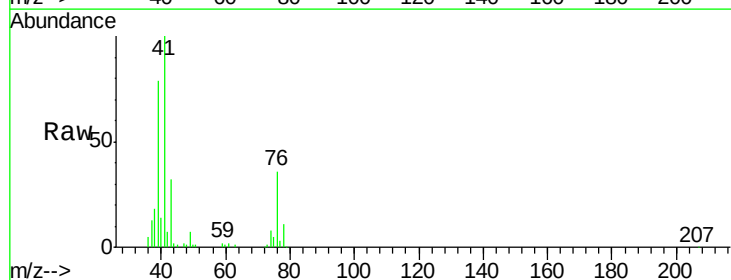
Manual Integrations
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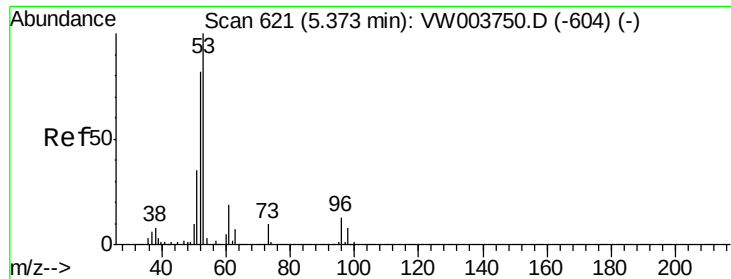
apatel
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#14
 Allyl chloride
 Concen: 22.03 ug/l
 RT: 4.65 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	41	39	76	Ratio	100	76.5	34.0	Resp	66264	Lower	60.9	Upper	91.3	41.3
Ion														





#15

Acrylonitrile

Concen: 113.79 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

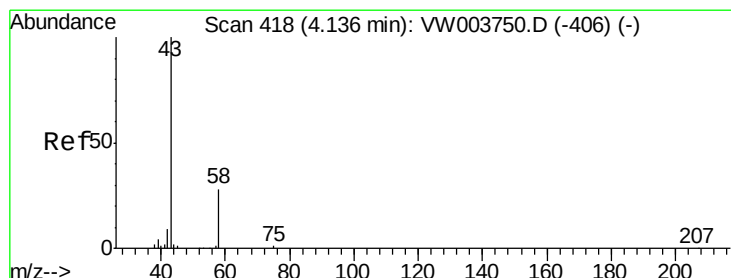
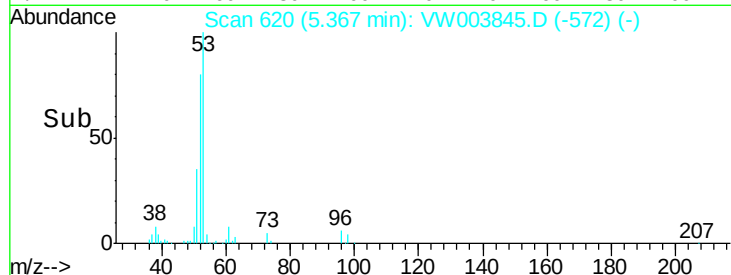
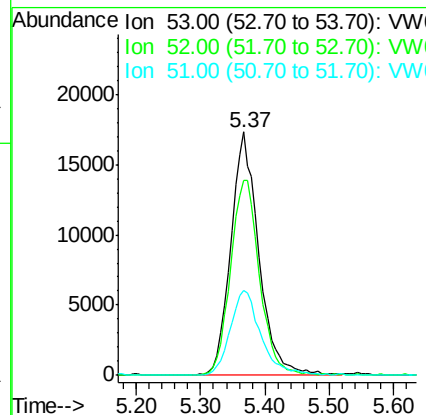
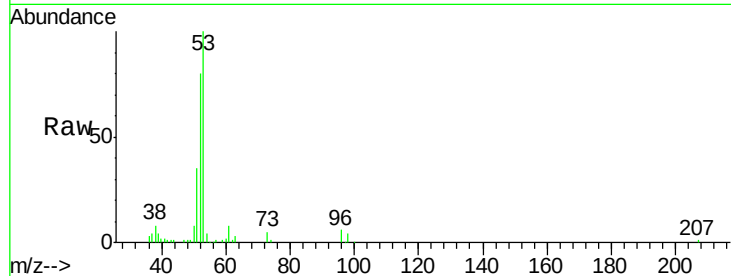
ClientSampleId :

VW0710SBS02

Tot Ion:	53	Resp:	52898
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.2	99.2
51	38.2	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 111.56 ug/l

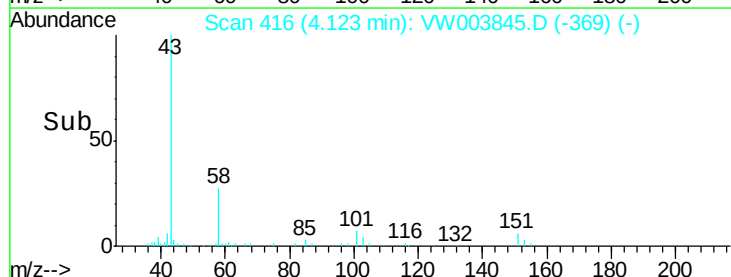
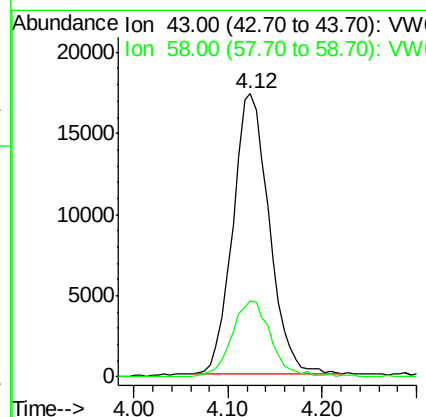
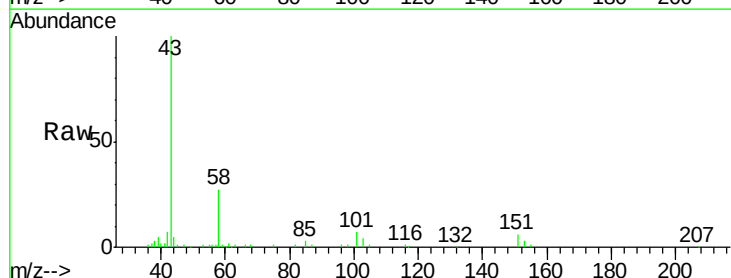
RT: 4.12 min Scan# 416

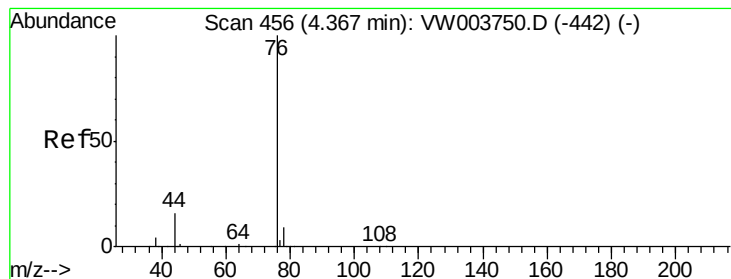
Delta R.T. -0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion:	43	Resp:	46606
Ion Ratio	Lower	Upper	
43	100		
58	27.2	22.6	34.0





#17

Carbon Disulfide

Concen: 22.50 ug/l

RT: 4.37 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS02

Tot Ion: 76 Resp: 127593

Ion Ratio Lower Upper

76 100

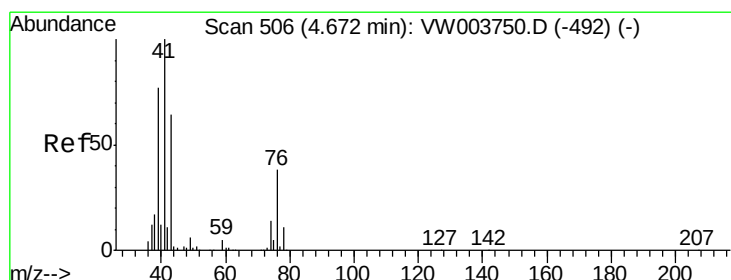
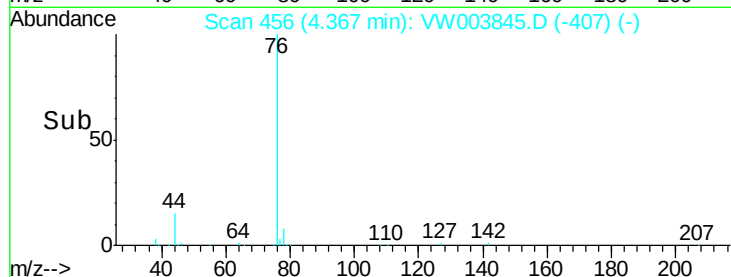
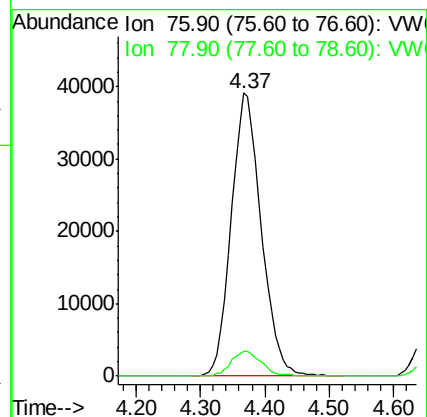
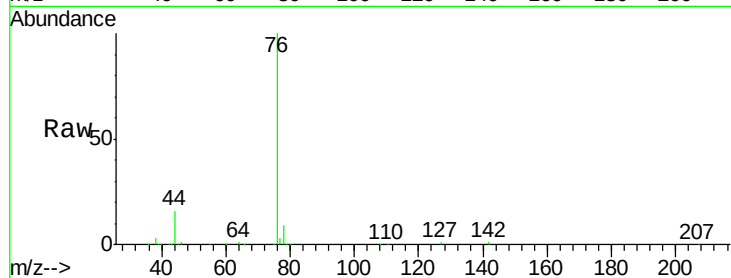
78 8.9 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 22.97 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.01 min

Lab File: VW003845.D

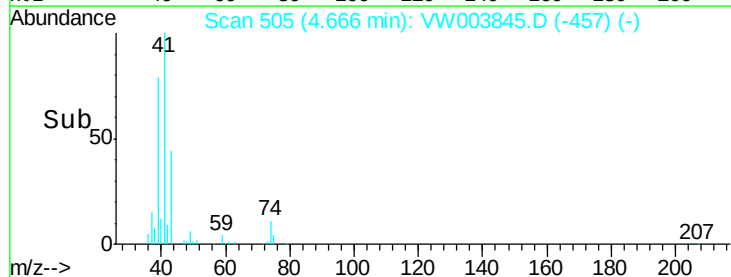
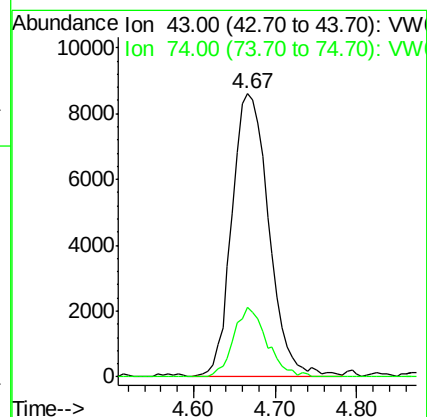
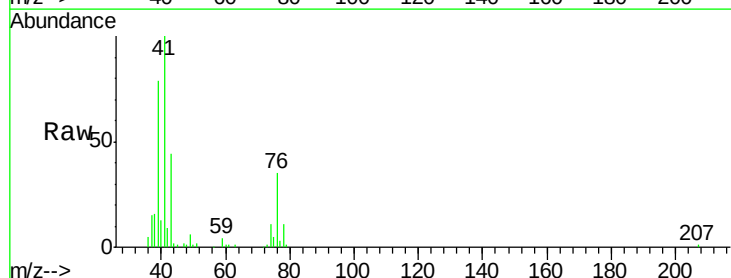
Acq: 11 Jul 2018 01:37

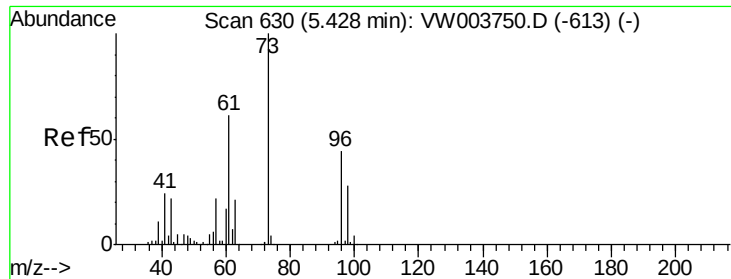
Tgt Ion: 43 Resp: 27059

Ion Ratio Lower Upper

43 100

74 22.0 17.3 25.9





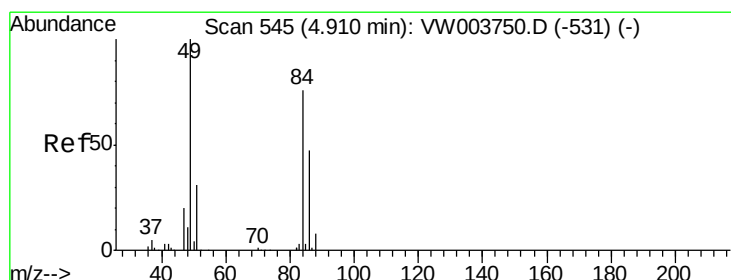
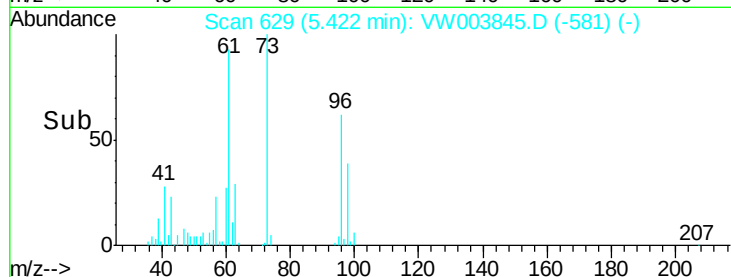
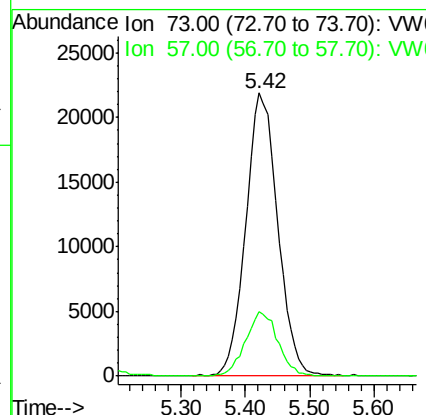
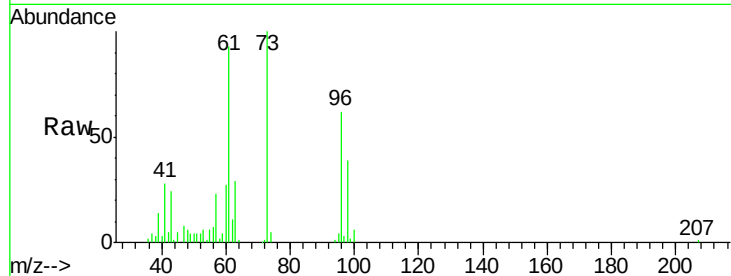
#19
Methyl tert-butyl Ether
Concen: 20.95 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion: 73 Resp: 74865
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9

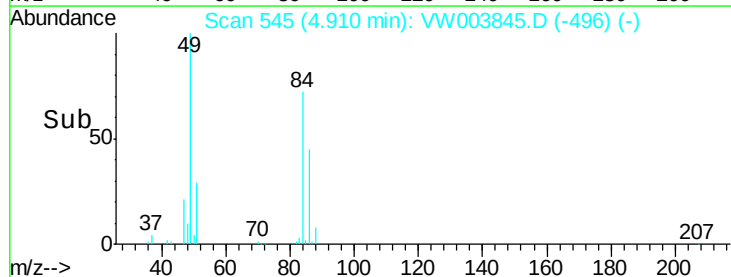
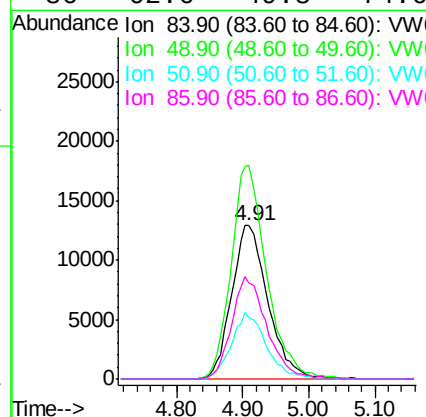
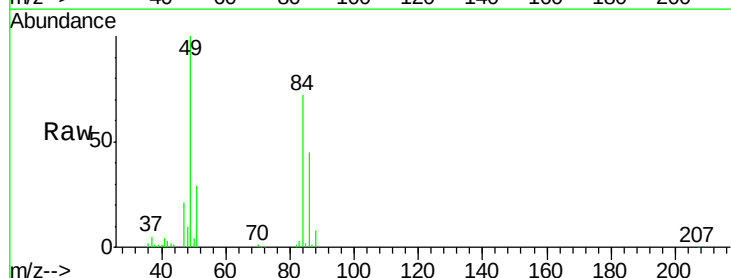
Manual Integrations
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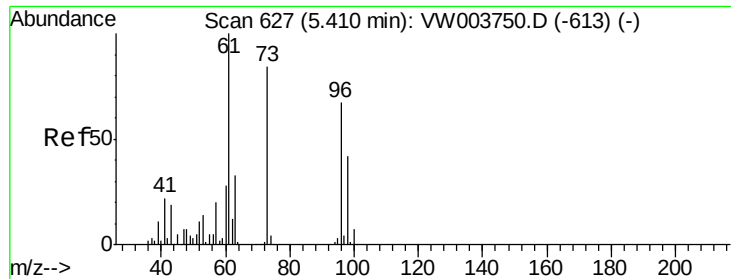
apatel
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#20
Methylene Chloride
Concen: 21.64 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion: 84 Resp: 49124
Ion Ratio Lower Upper
84 100
49 139.1 105.1 157.7
51 40.0 32.5 48.7
86 62.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.88 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

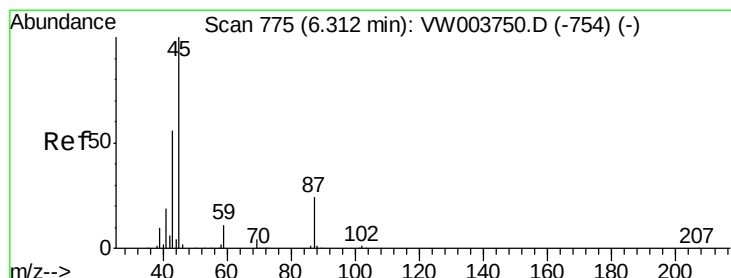
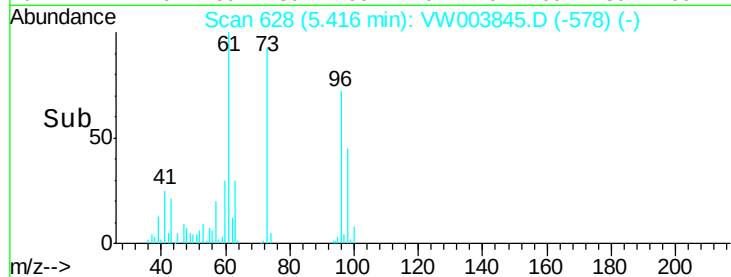
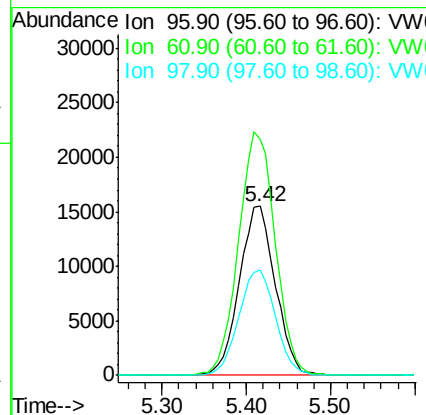
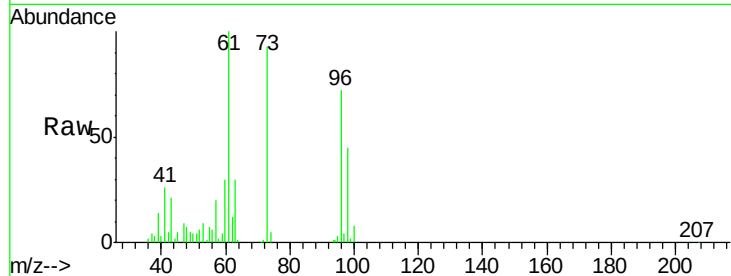
ClientSampleId :

VW0710SBS02

Tot Ion:	96	Resp:	44810
Ion	Ratio	Lower	Upper
96	100		
61	139.8	119.0	178.6
98	62.4	49.8	74.8

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#22

Diisopropyl ether

Concen: 21.57 ug/l

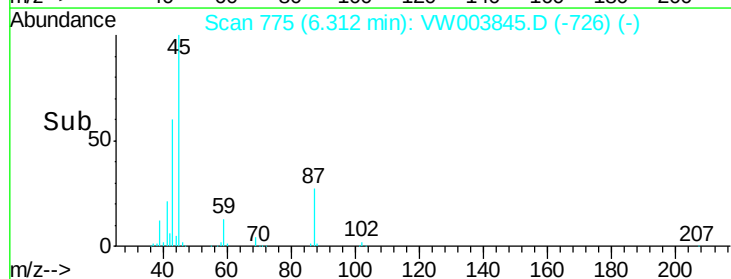
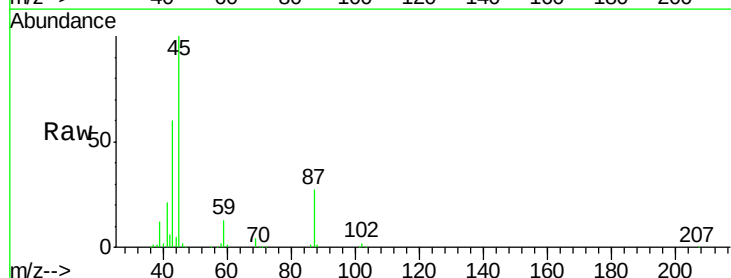
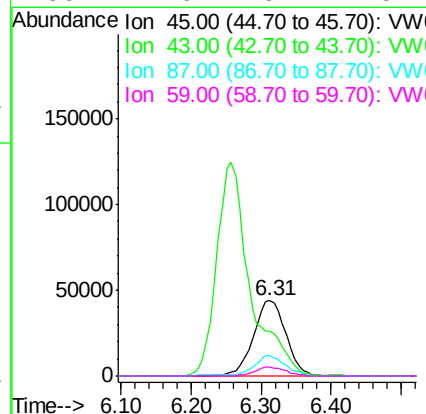
RT: 6.31 min Scan# 775

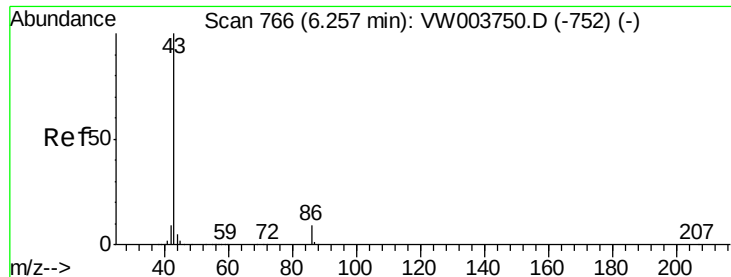
Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion:	45	Resp:	142580
Ion	Ratio	Lower	Upper
45	100		
43	58.9	44.5	66.7
87	26.6	19.6	29.4
59	12.6	9.1	13.7





#23

Vinyl Acetate

Concen: 103.15 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampled :

VW0710SBS02

Tot Ion: 43 Resp: 416288

Ion Ratio Lower Upper

43 100

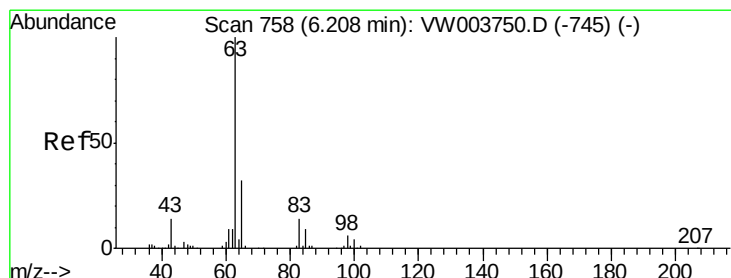
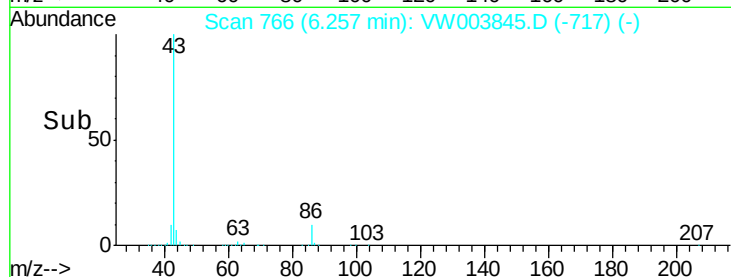
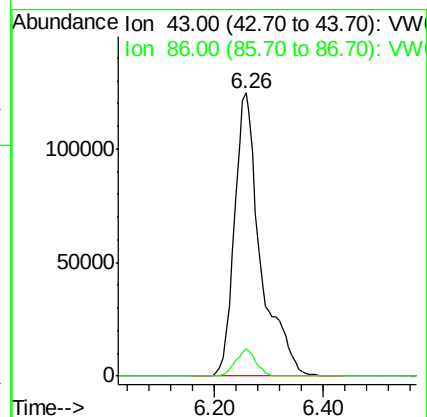
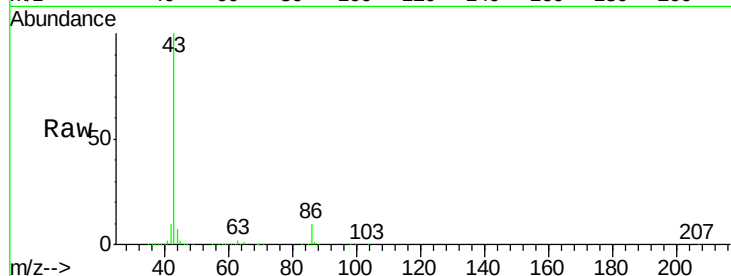
86 9.6 7.3 10.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.09 ug/l

RT: 6.20 min Scan# 757

Delta R.T. -0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

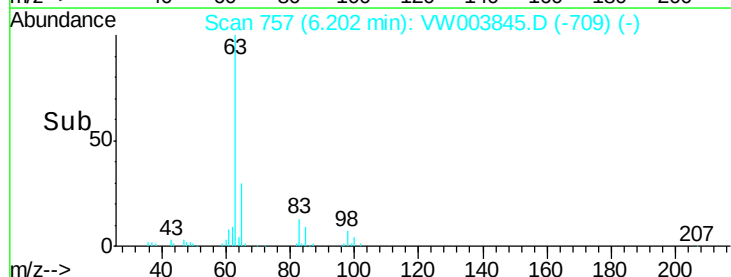
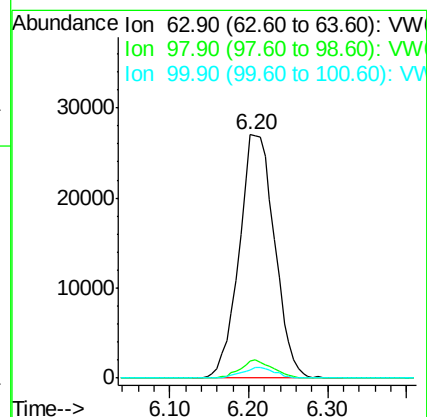
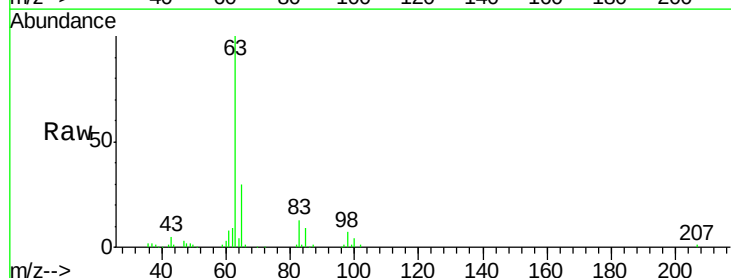
Tgt Ion: 63 Resp: 84333

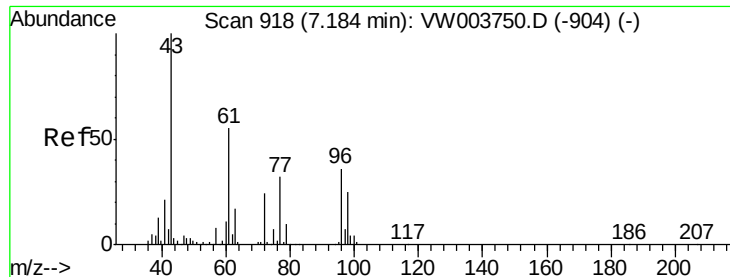
Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 3.5 2.1 6.2





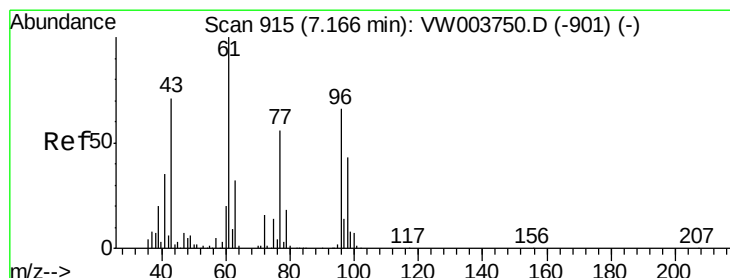
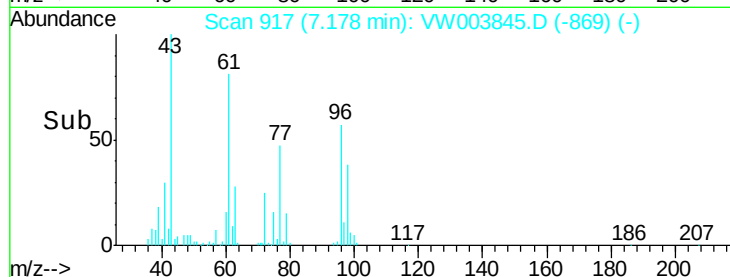
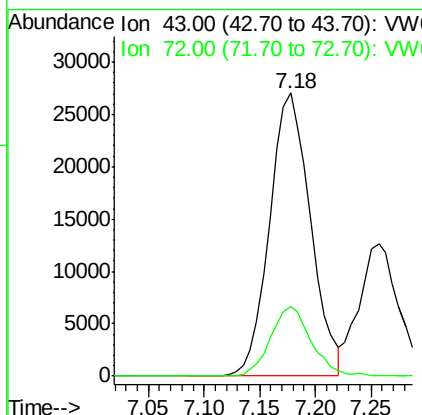
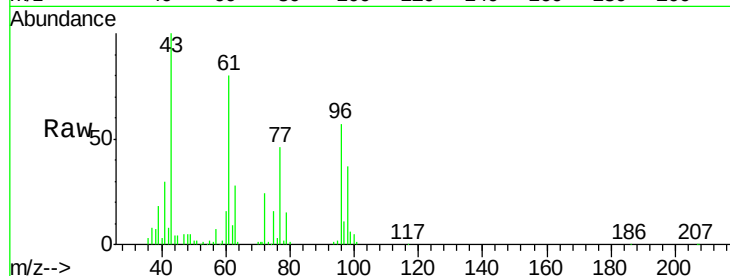
#25
2-Butanone
Concen: 105.91 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampled :
VW0710SBS02

Tot Ion: 43 Resp: 69302
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2

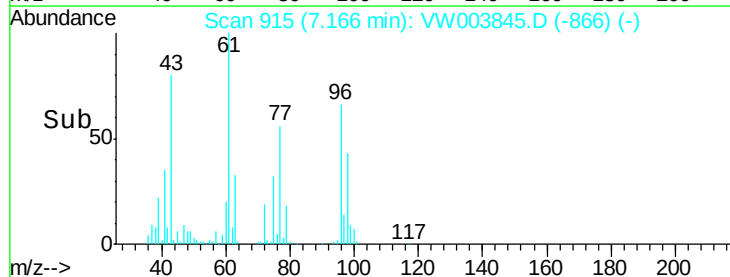
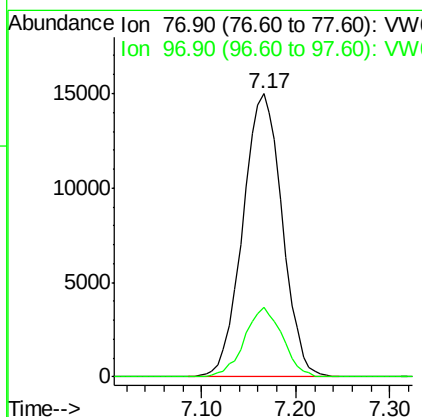
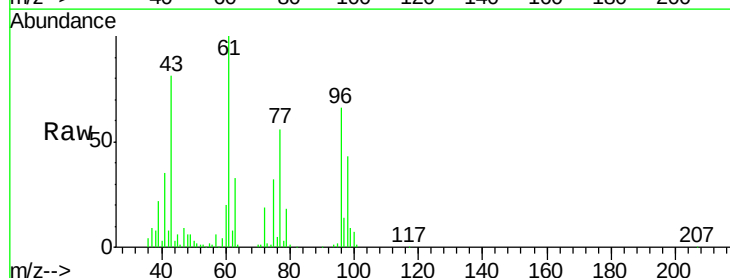
Manual Integrations
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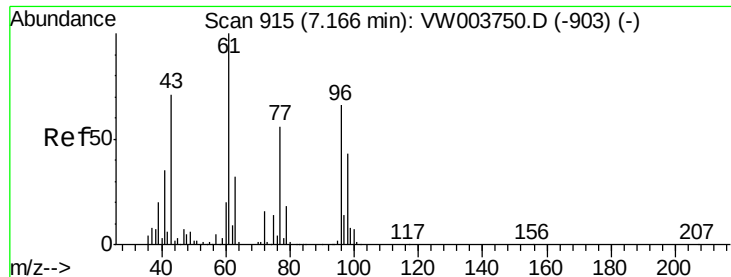
apatel
7/11/2018 1:00:16 PM



#26
2,2-Dichloropropane
Concen: 20.22 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion: 77 Resp: 43863
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





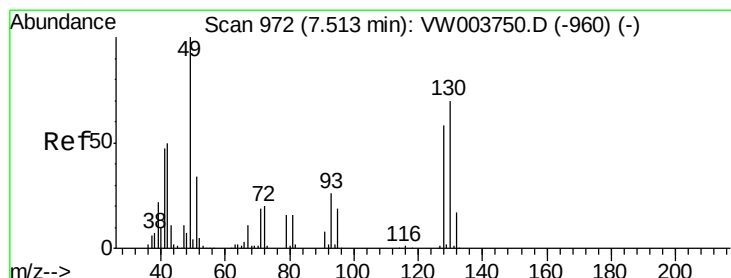
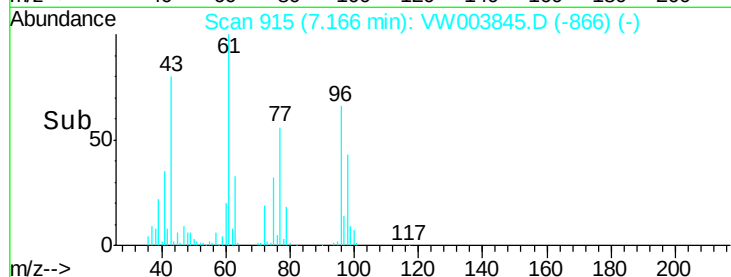
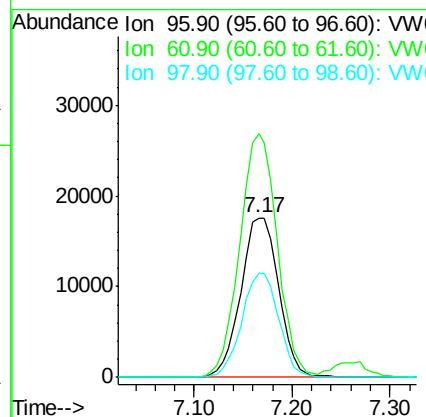
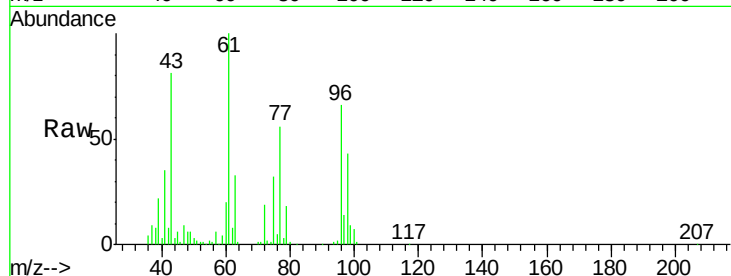
#27
 cis-1,2-Dichloroethene
 Concen: 20.97 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	300.8
98	63.7	0.0	128.6

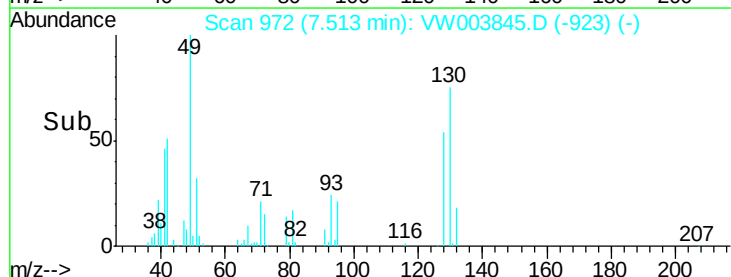
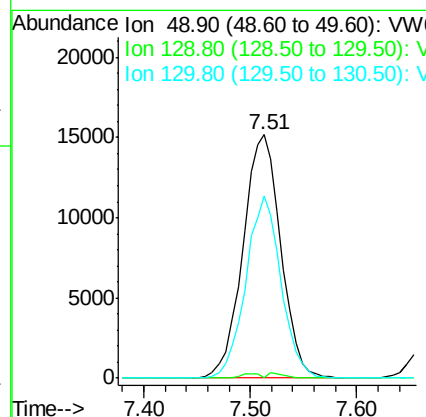
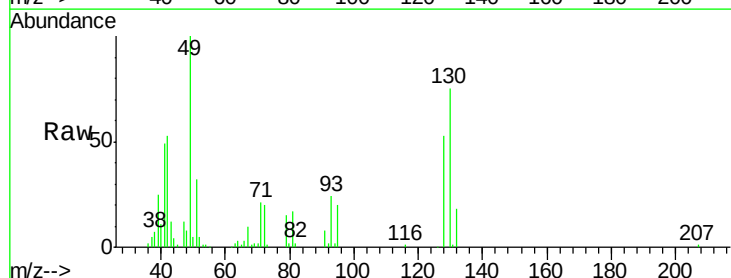
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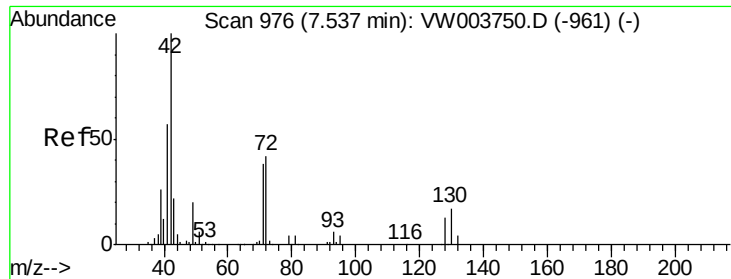
apatel
 7/11/2018 1:00:16 PM



#28
 Bromochloromethane
 Concen: 21.16 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	69.5	56.9	85.3





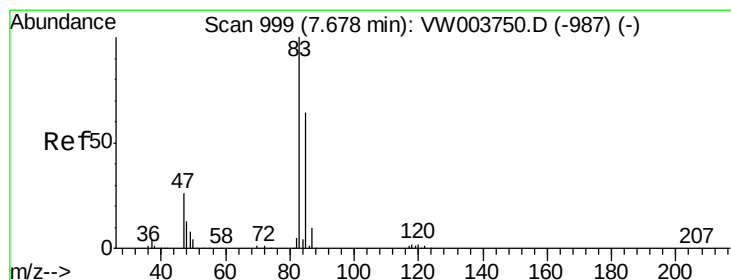
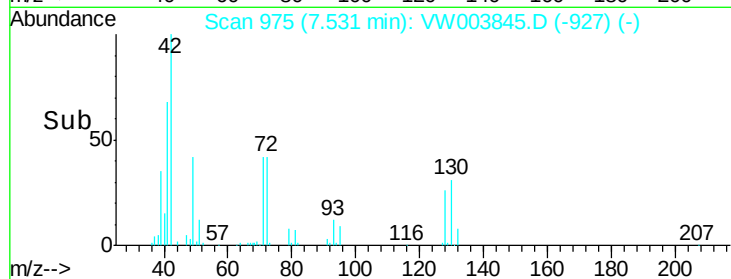
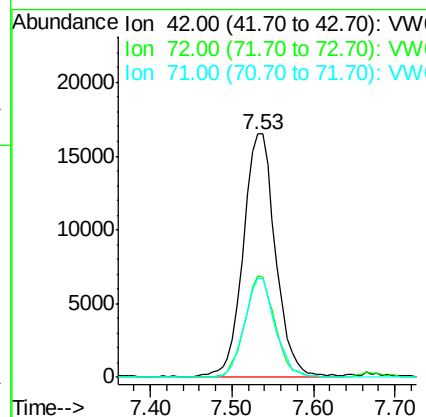
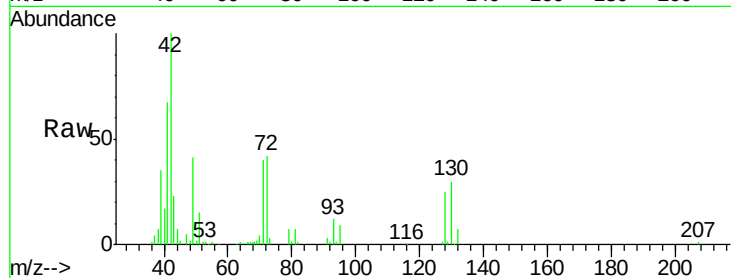
#29
Tetrahydrofuran
Concen: 108.18 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.8	47.8
71	38.5	30.3	45.5

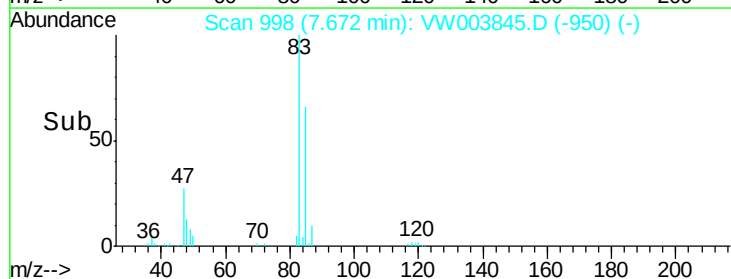
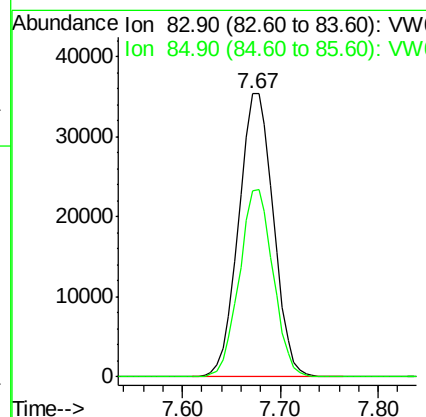
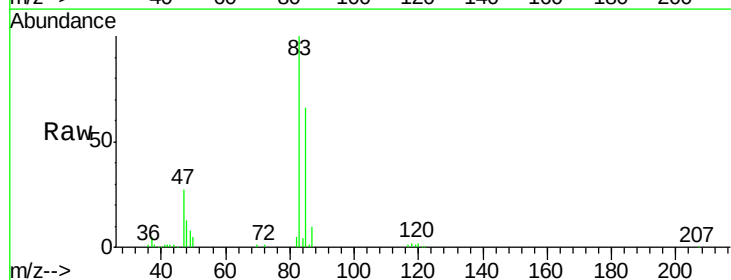
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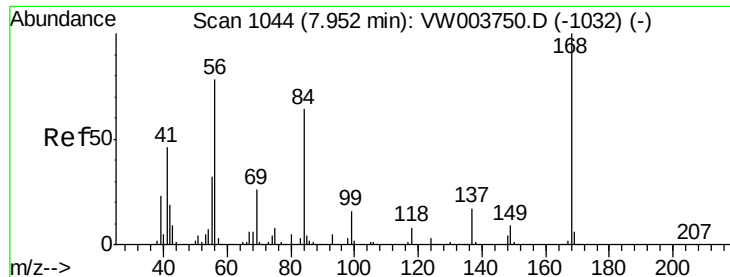
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#30
Chloroform
Concen: 21.47 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.5	77.3





#31

Cyclohexane

Concen: 20.84 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

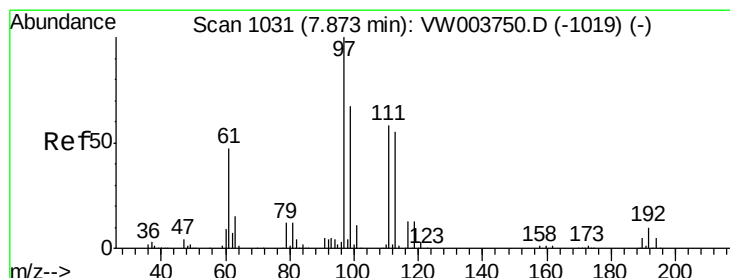
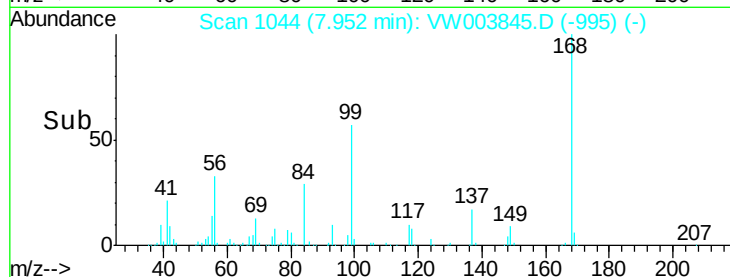
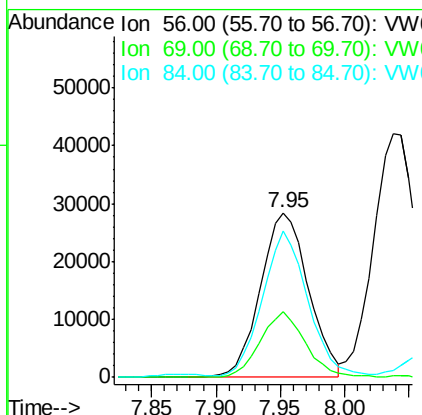
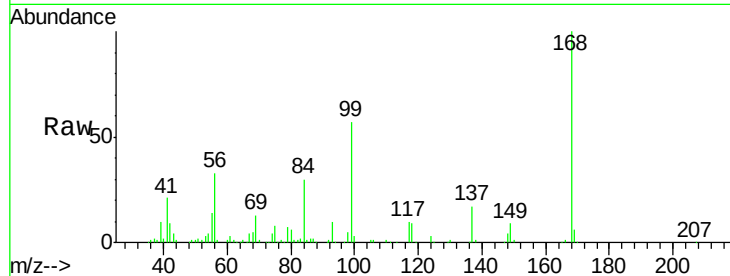
ClientSampled :

VW0710SBS02

Tot Ion:	56	Resp:	73235
Ion Ratio	Lower	Upper	
56	100		
69	39.7	26.2	39.4#
84	87.3	65.5	98.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.33 ug/l

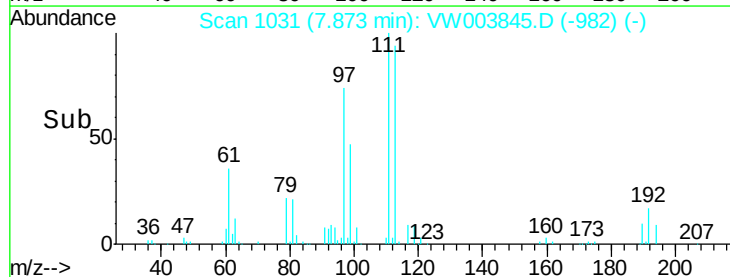
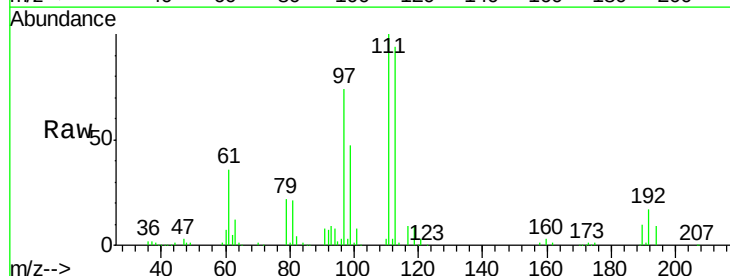
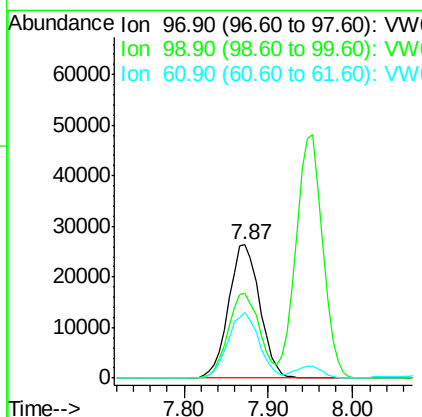
RT: 7.87 min Scan# 1031

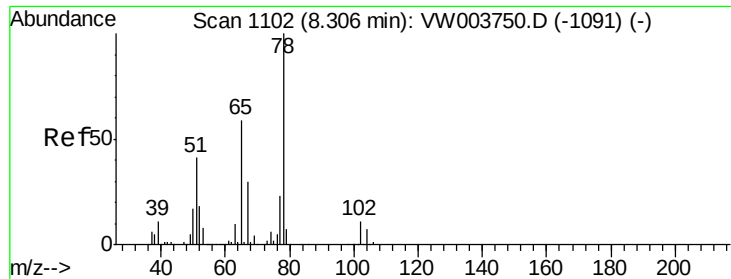
Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion:	97	Resp:	66213
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.2	76.8
61	48.8	37.6	56.4





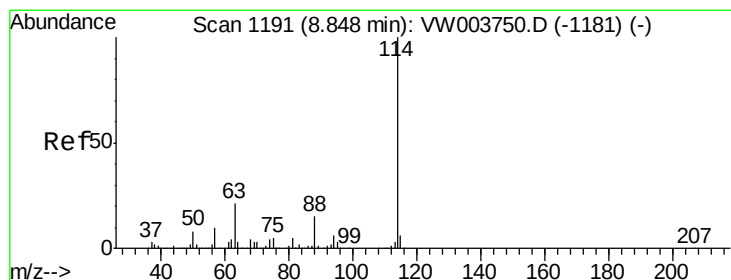
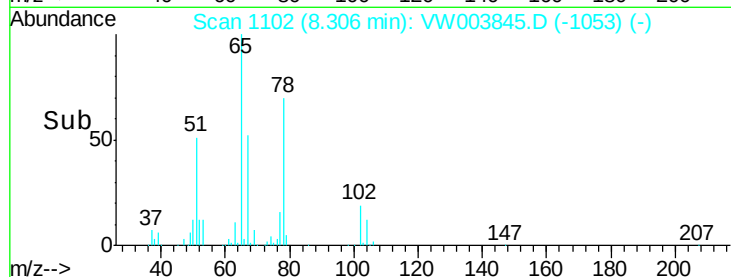
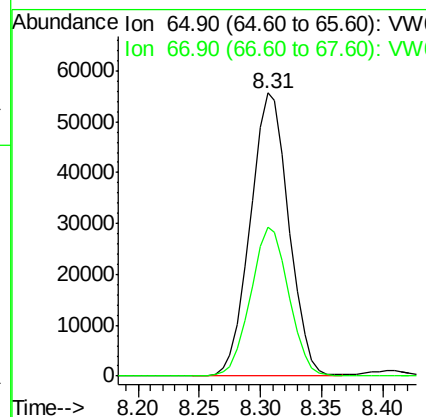
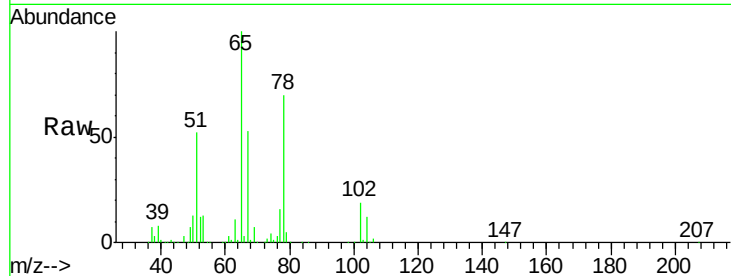
#33
 1,2-Dichloroethane-d4
 Concen: 50.58 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121785		
67	52.4	0.0	103.8	

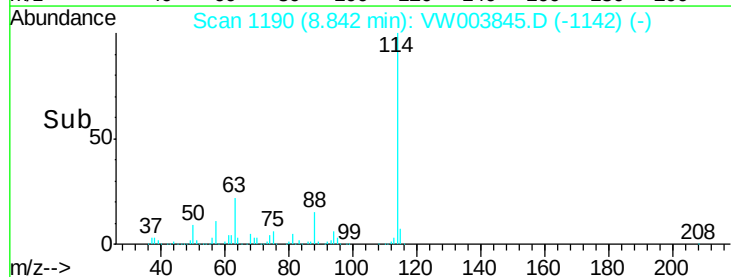
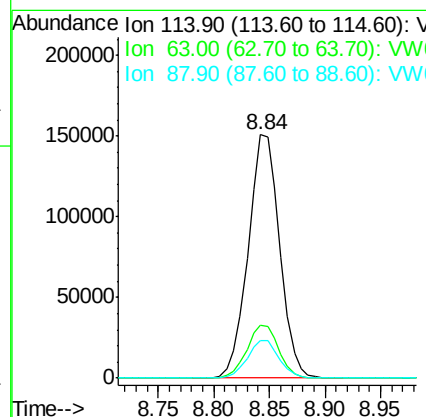
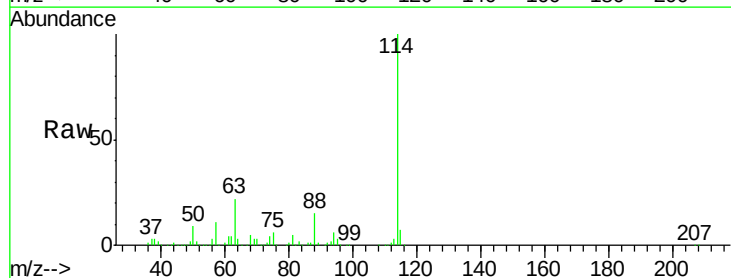
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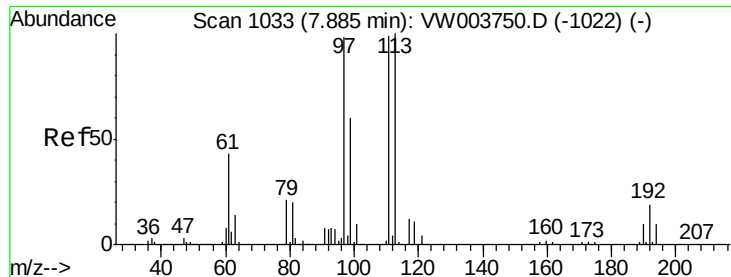
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	295693		
63	21.8	0.0	41.8	
88	15.5	0.0	30.2	





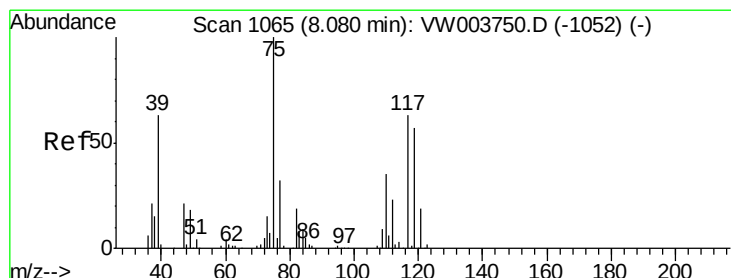
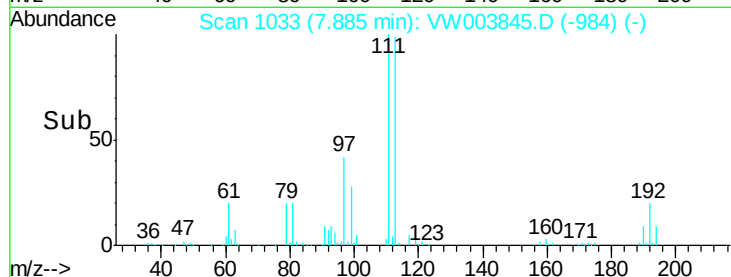
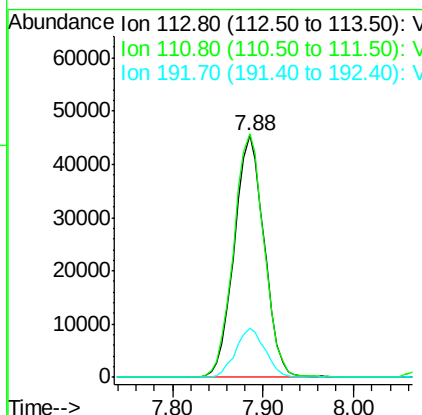
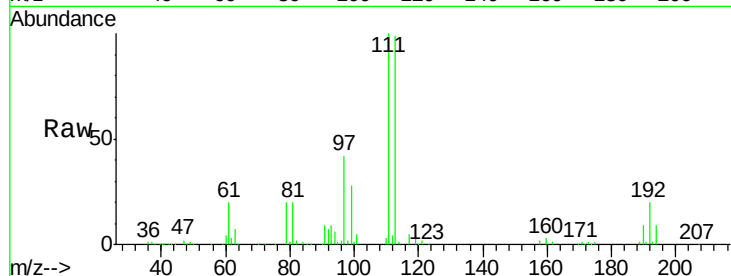
#35
 Dibromofluoromethane
 Concen: 50.25 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	19.9	15.8	23.8

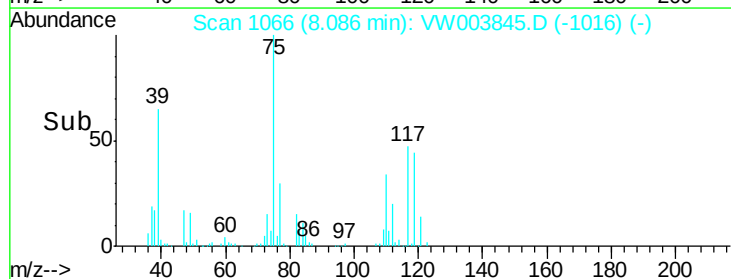
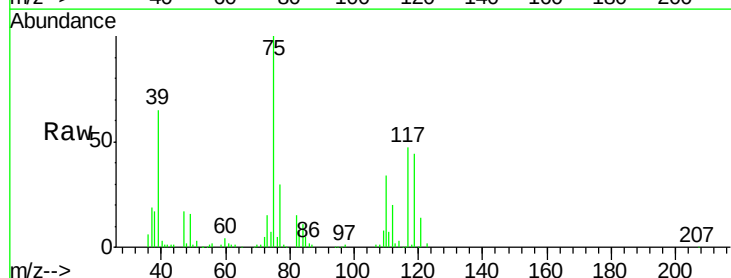
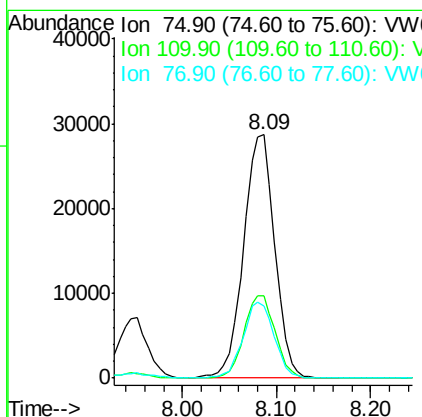
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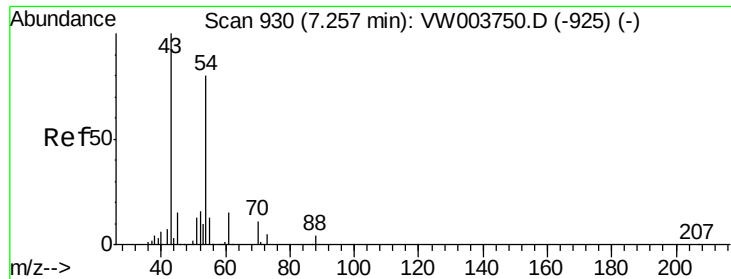
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.24 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	31.4	24.8	37.2





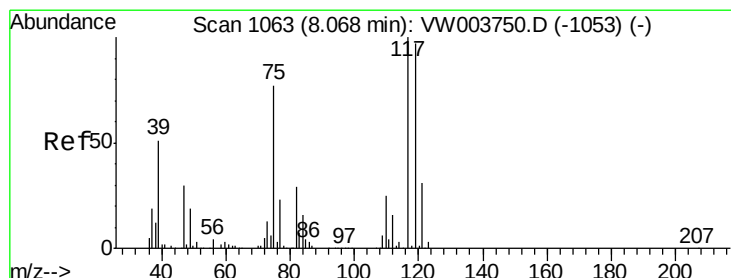
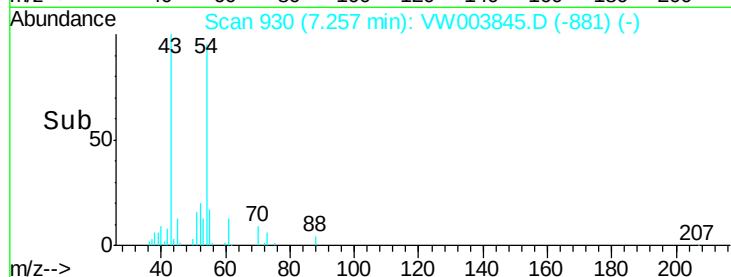
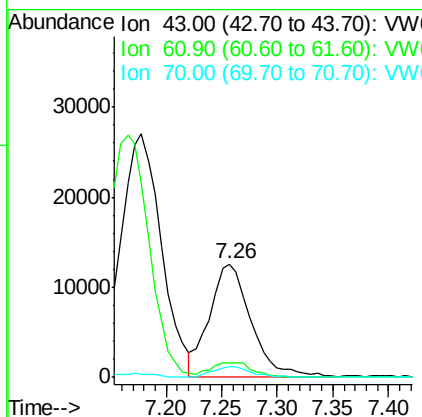
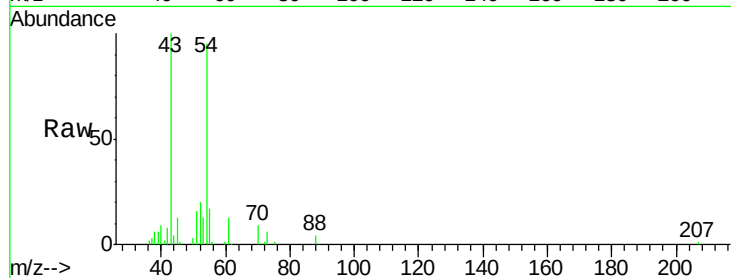
#37
Ethyl Acetate
Concen: 21.18 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	8.8	7.5	11.3

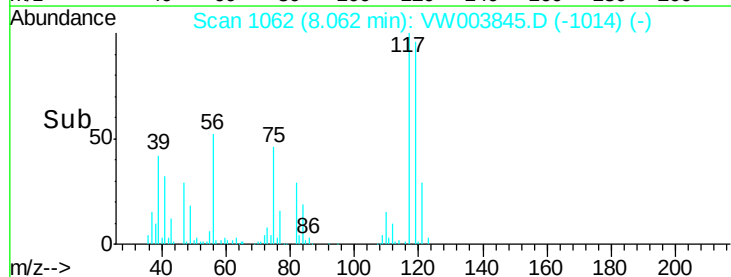
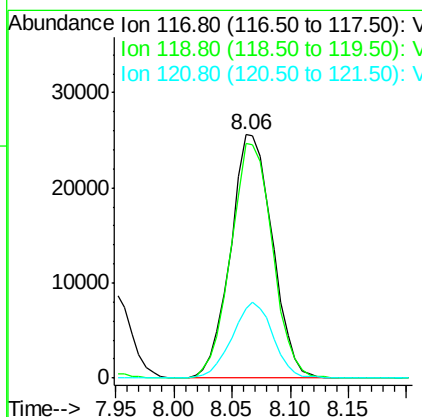
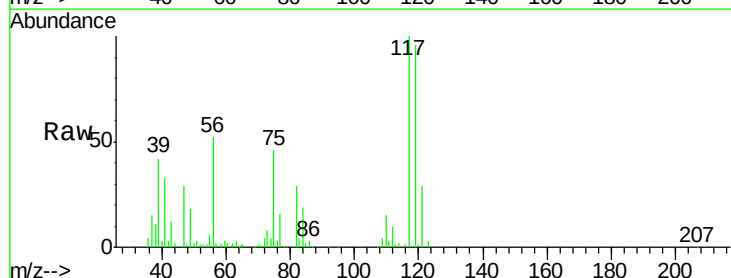
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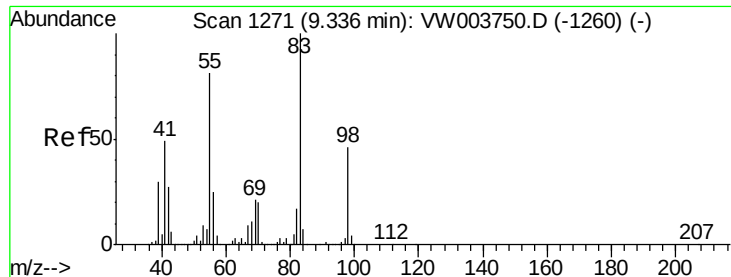
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#38
Carbon Tetrachloride
Concen: 21.50 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.2
121	28.7	24.6	37.0





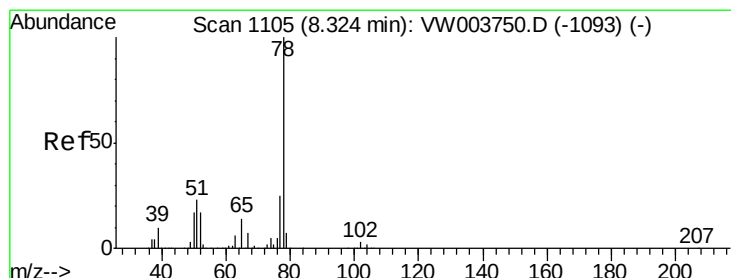
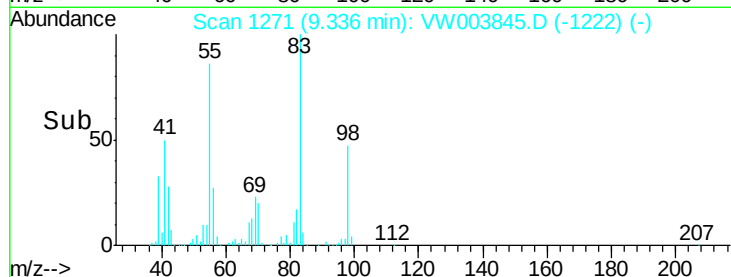
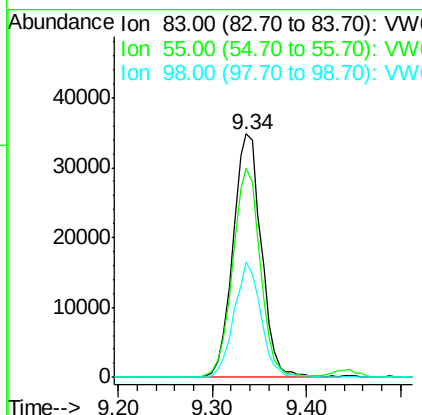
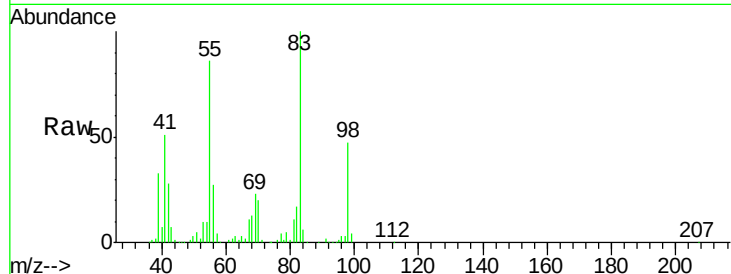
#39
Methylvlcyclohexane
Concen: 21.27 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	65.1	97.7
98	47.3	36.7	55.1

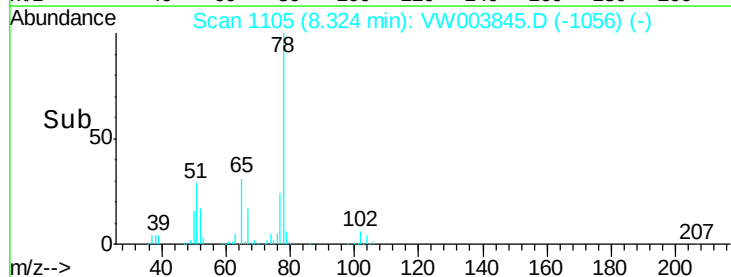
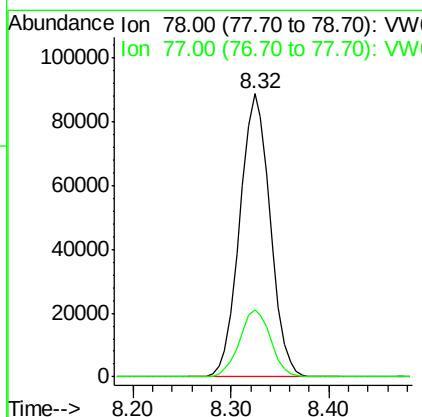
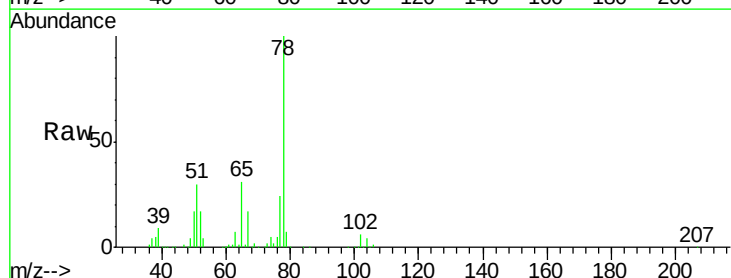
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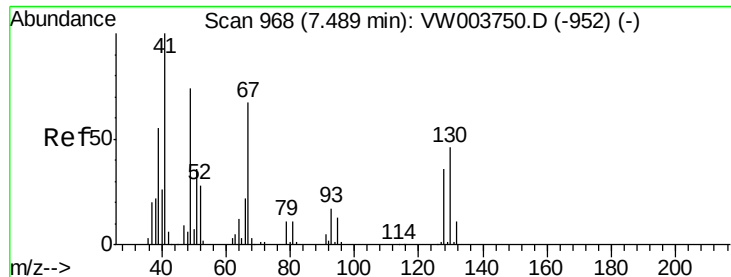
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#40
Benzene
Concen: 21.36 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.7	29.5





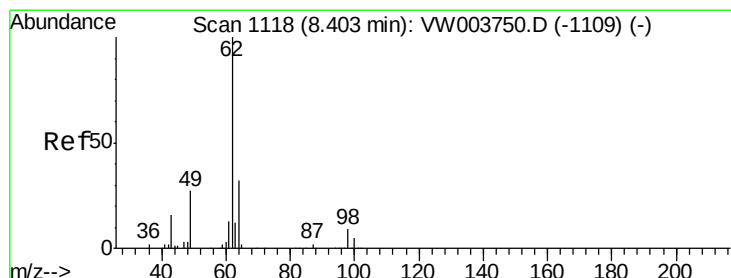
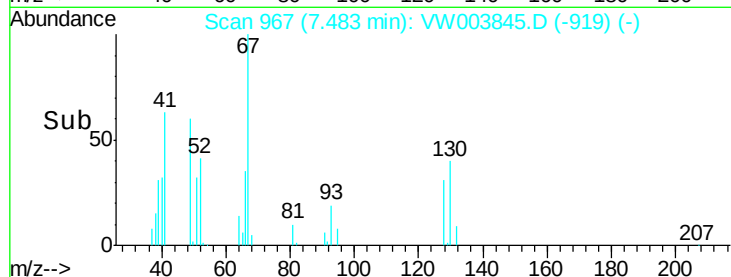
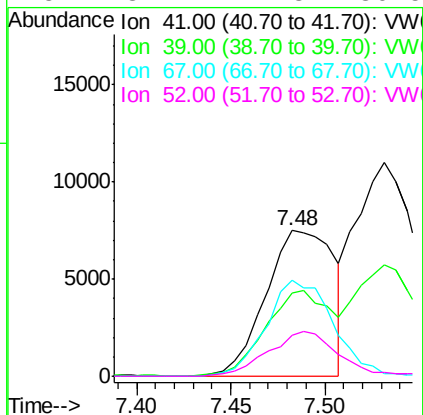
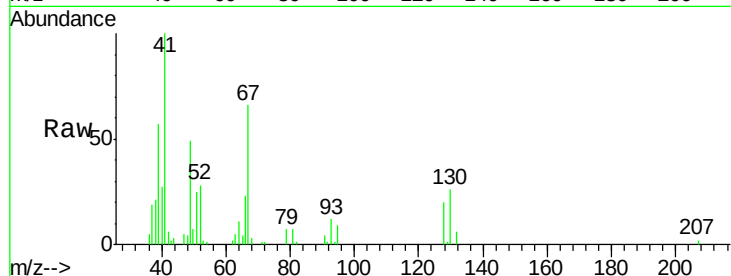
#41
Methacrylonitrile
Concen: 21.49 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion:	41	Resp:	18869
Ion	Ratio	Lower	Upper
41	100		
39	56.9	49.5	74.3
67	65.2	53.8	80.8
52	31.4	24.3	36.5

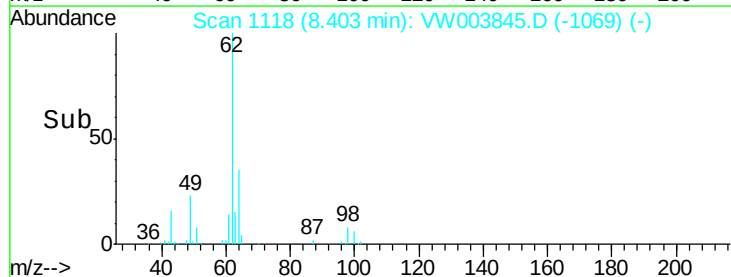
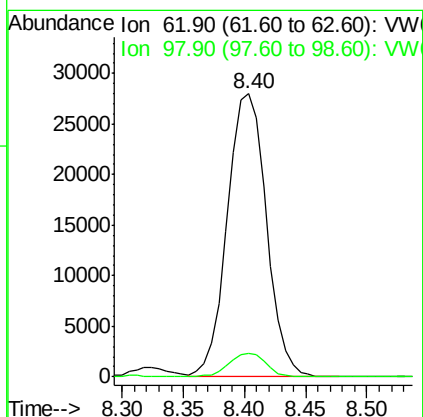
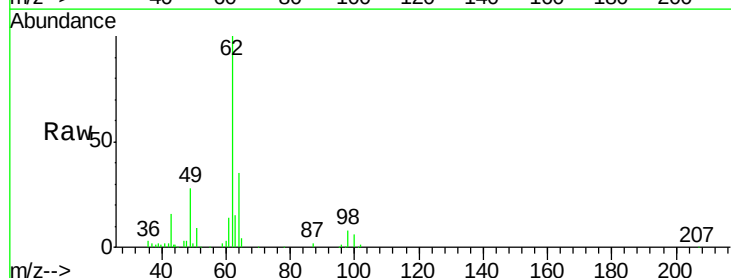
Manual Integrations
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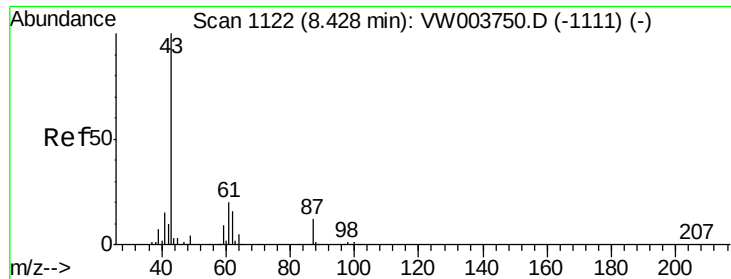
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#42
1,2-Dichloroethane
Concen: 21.40 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion:	62	Resp:	62115
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4





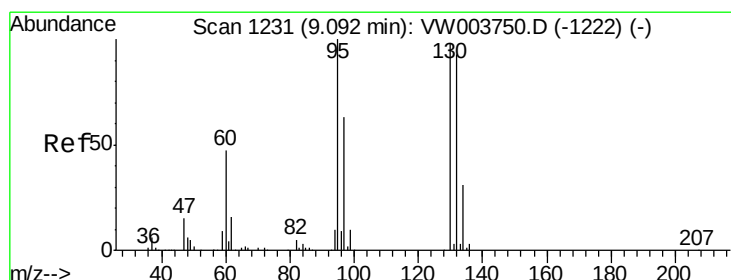
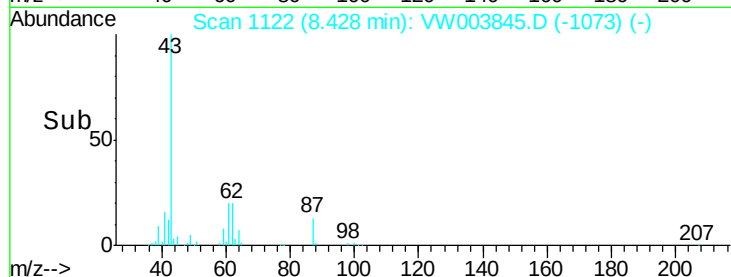
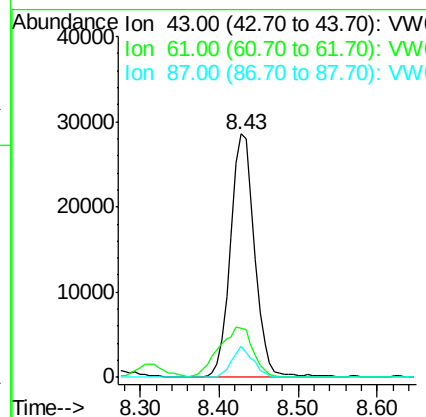
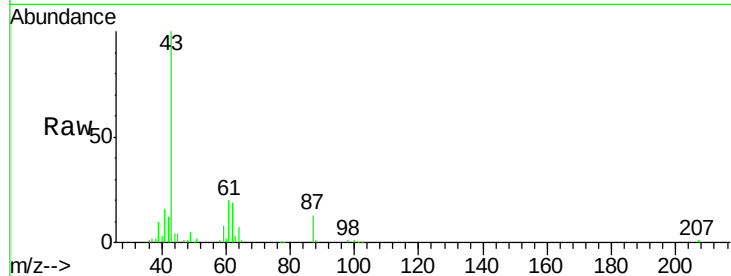
#43
Isopropyl Acetate
Concen: 21.13 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.8	34.2
87	10.9	9.5	14.3

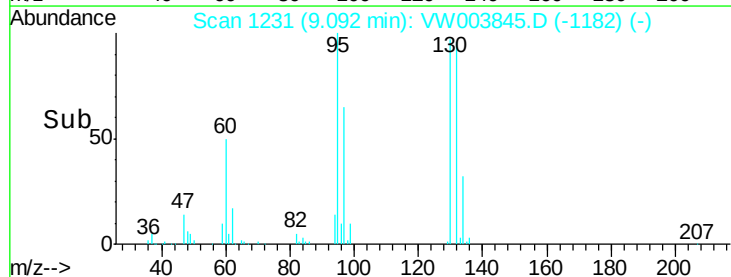
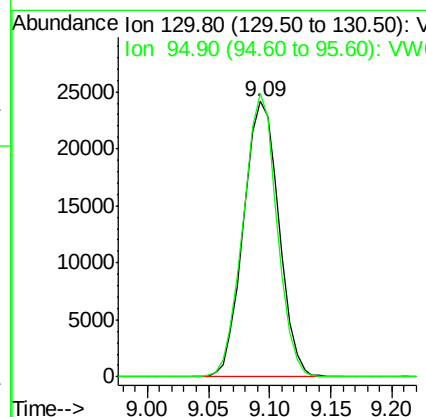
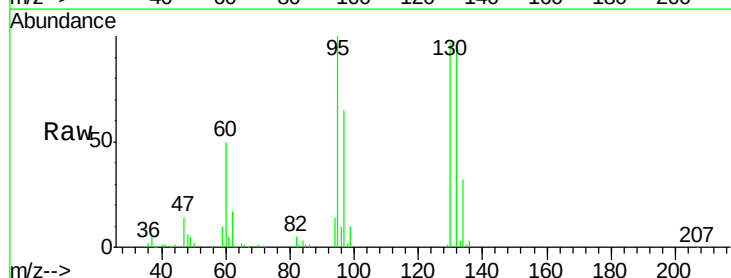
Manual Integrations
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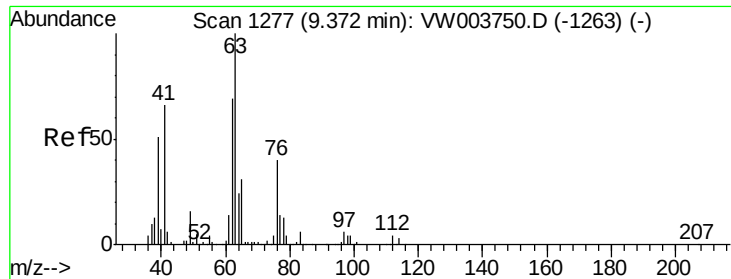
apatel
7/11/2018 1:00:16 PM



#44
Trichloroethene
Concen: 21.45 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	203.8





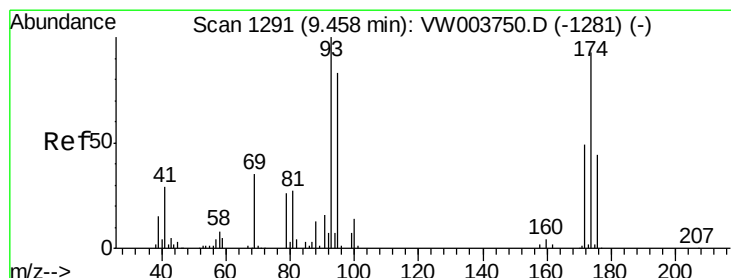
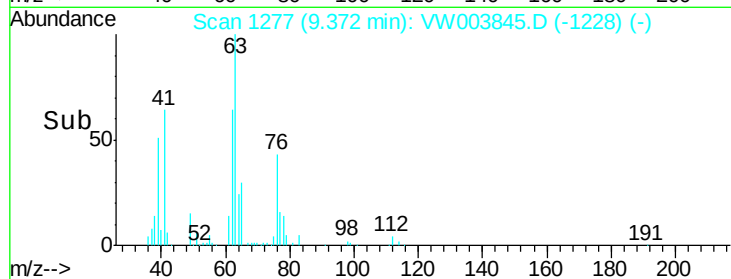
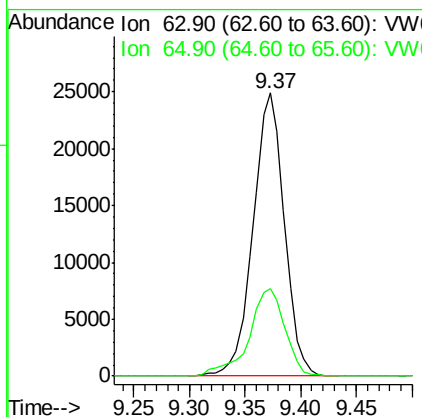
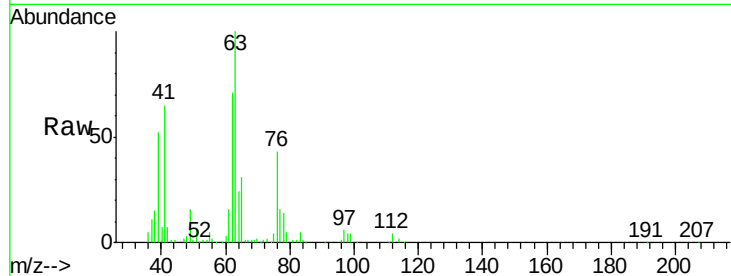
#45
 1,2-Dichloropropane
 Concen: 20.93 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampled :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

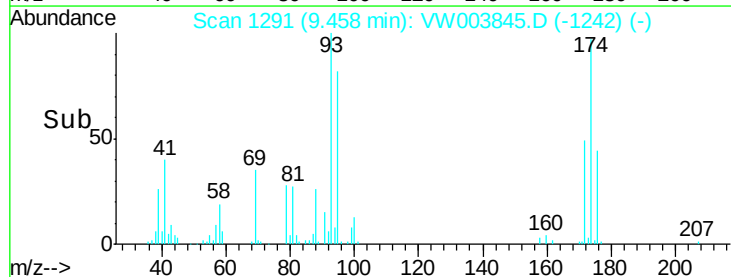
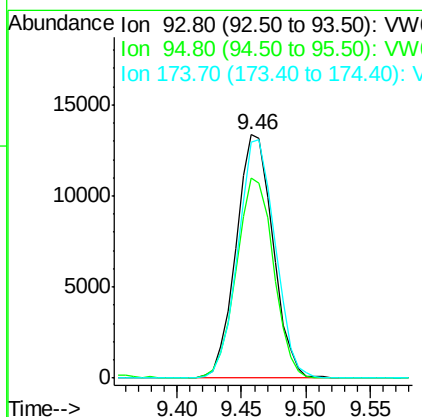
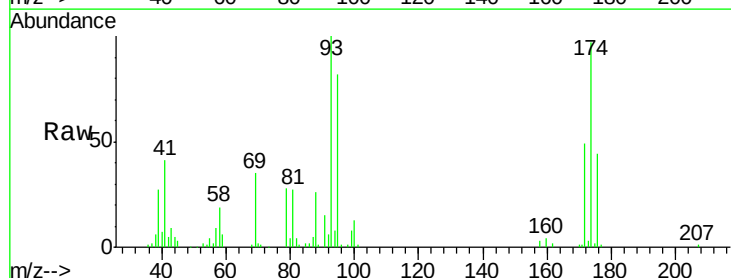
Manual Integrations
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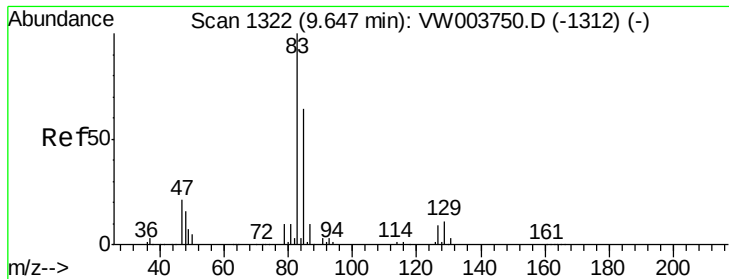
apatel
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#46
 Dibromomethane
 Concen: 21.57 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.2	100.8
174	98.5	78.1	117.1





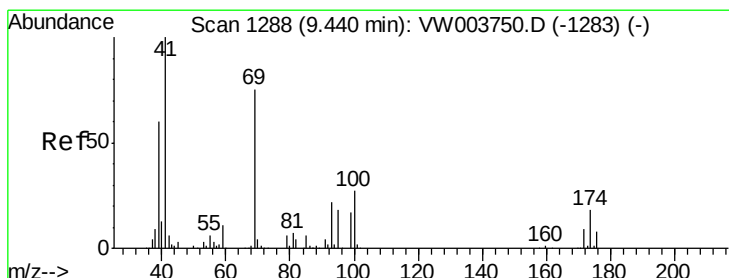
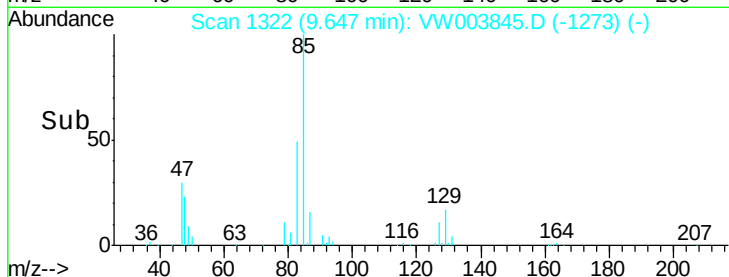
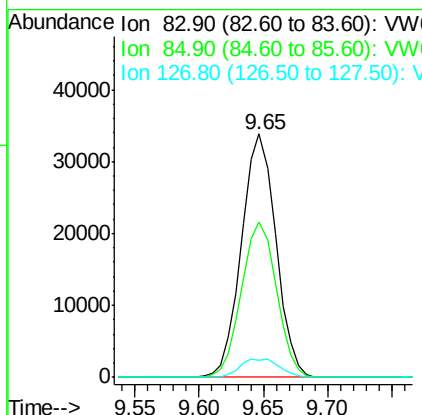
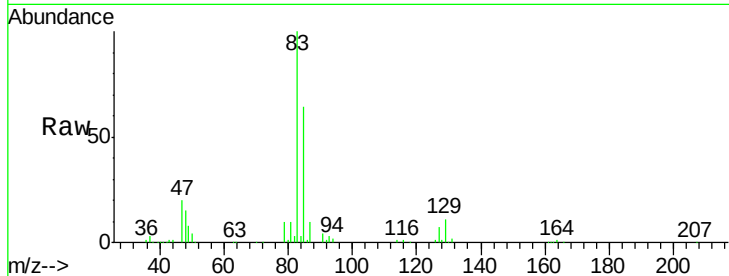
#47
Bromodichloromethane
Concen: 20.78 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	83	Resp	62678
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.4	77.0
127	6.9	6.8	10.2

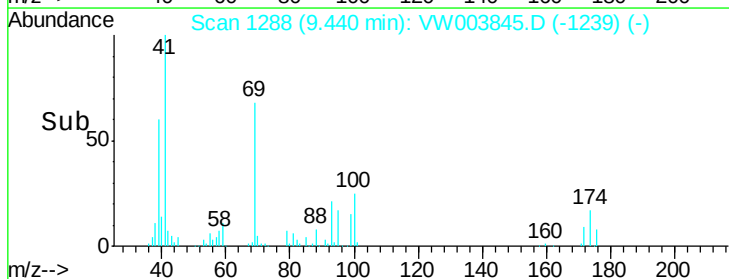
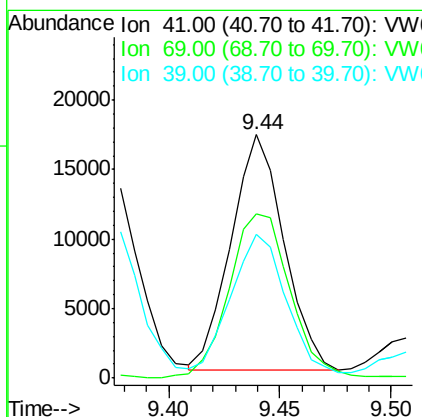
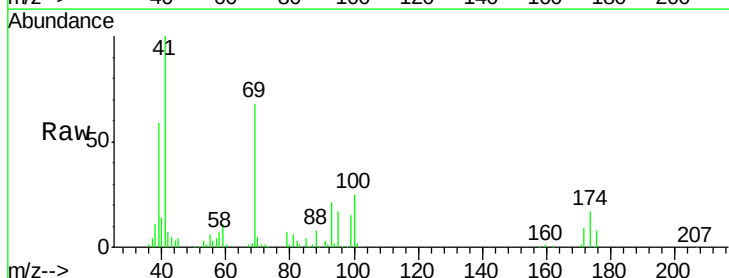
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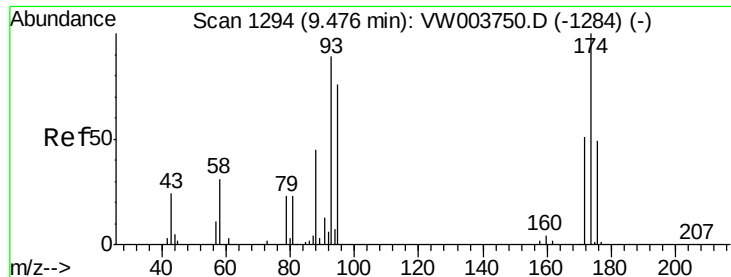
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#48
Methyl methacrylate
Concen: 20.34 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	41	Resp	28028
Ion Ratio	100	Lower	Upper
41	100		
69	79.5	63.8	95.8
39	65.4	50.2	75.2





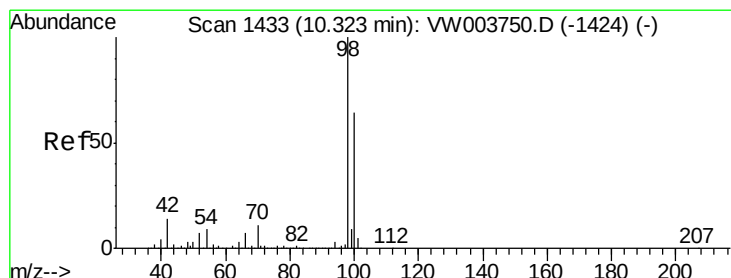
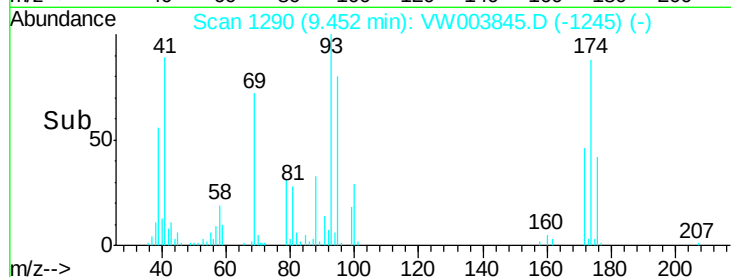
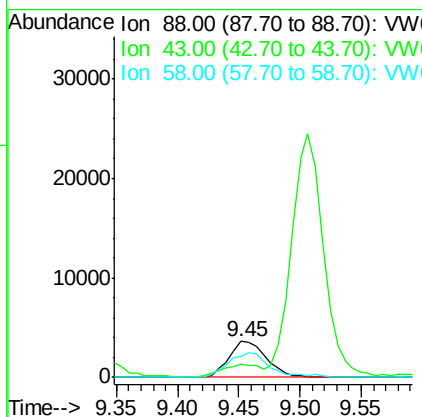
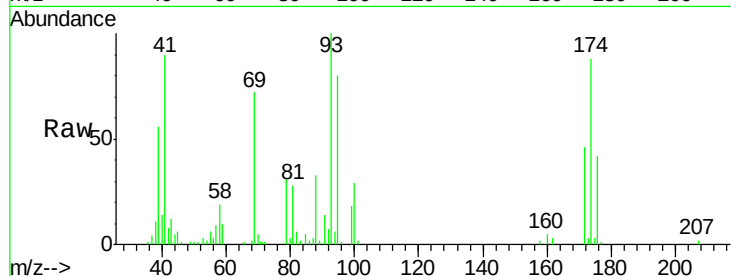
#49
1,4-Dioxane
Concen: 422.25 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.02 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion: 88 Resp: 7739
Ion Ratio Lower Upper
88 100
43 38.3 0.0 0.0#
58 77.4 59.7 89.5

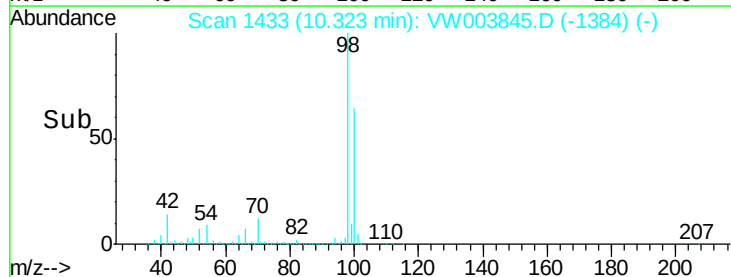
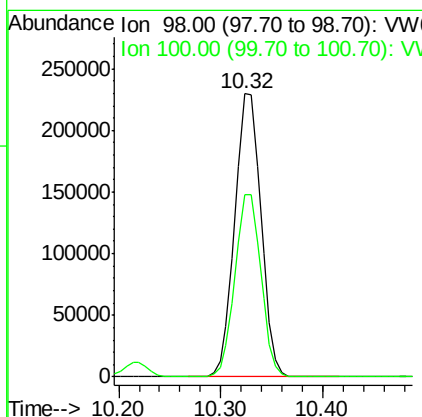
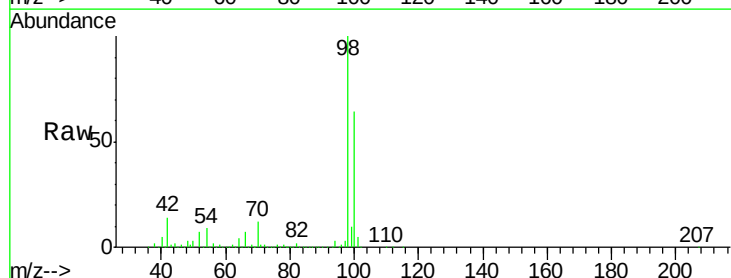
Manual Integrations
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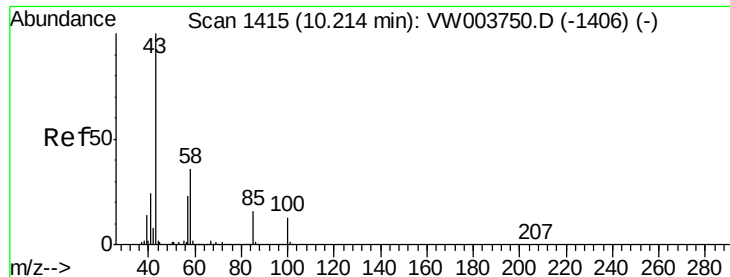
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#50
Toluene-d8
Concen: 51.67 ug/l
RT: 10.32 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion: 98 Resp: 409062
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2





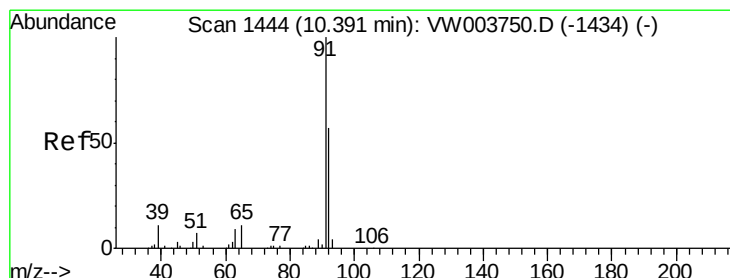
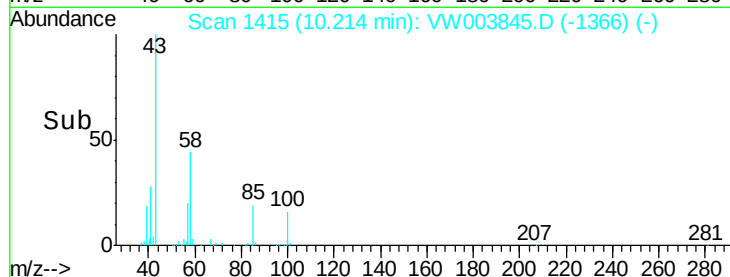
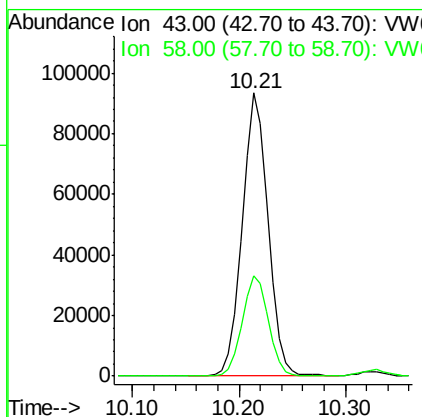
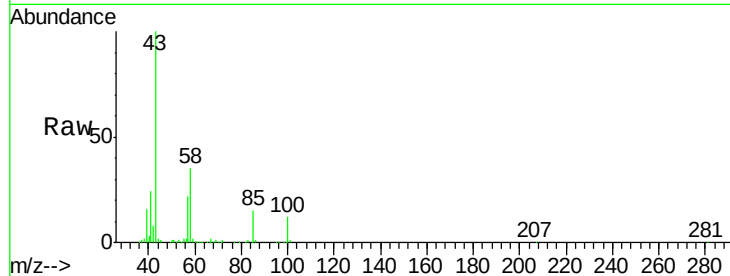
#51
4-Methyl-2-Pentanone
Concen: 106.65 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampled :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.9	29.3	43.9

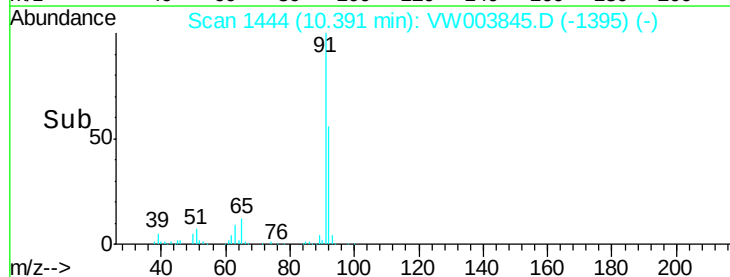
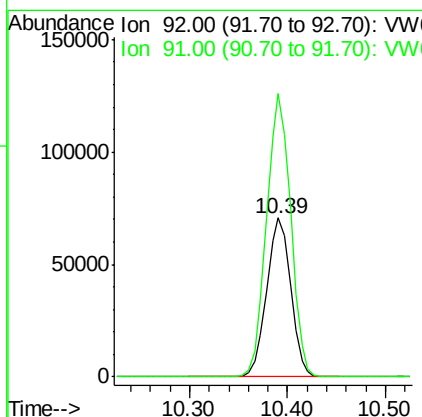
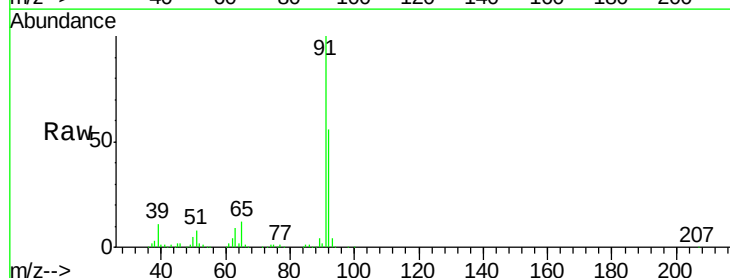
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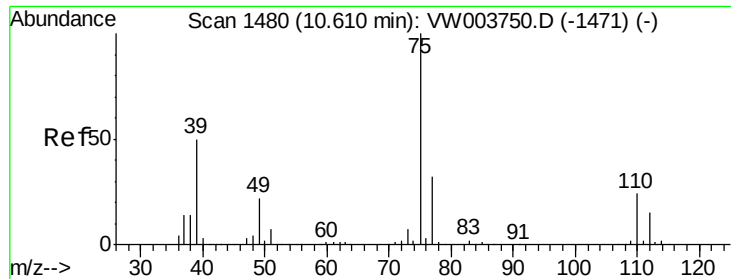
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#52
Toluene
Concen: 21.81 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	178.1	140.6	211.0





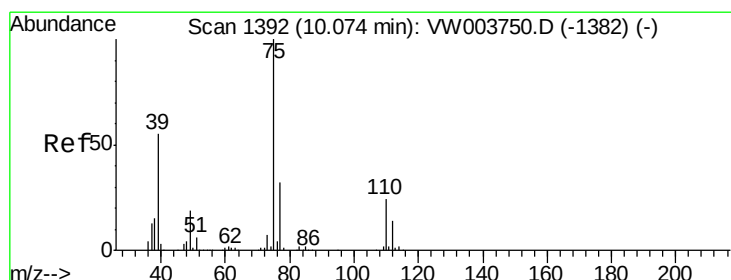
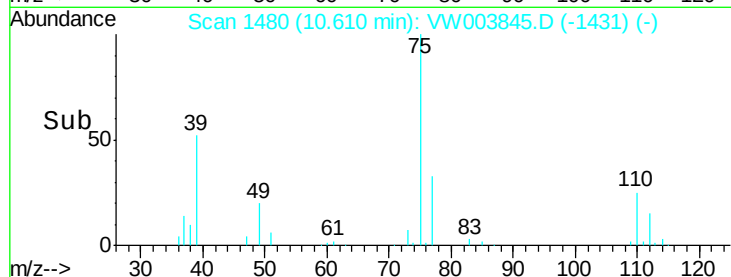
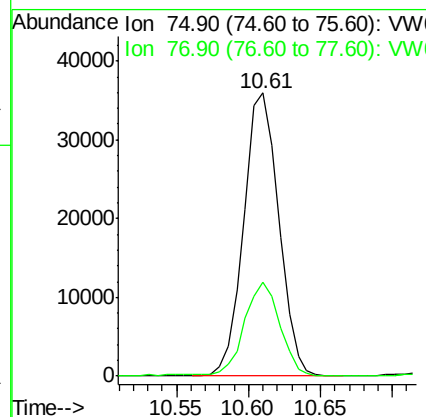
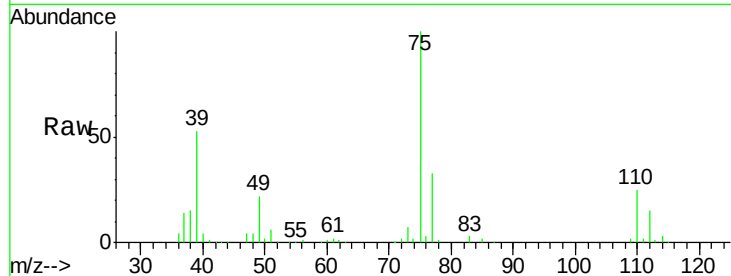
#53
 t-1,3-Dichloropropene
 Concen: 20.20 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampled :
 VW0710SBS02

Tot Ion: 75 Resp: 60850
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.5 38.3

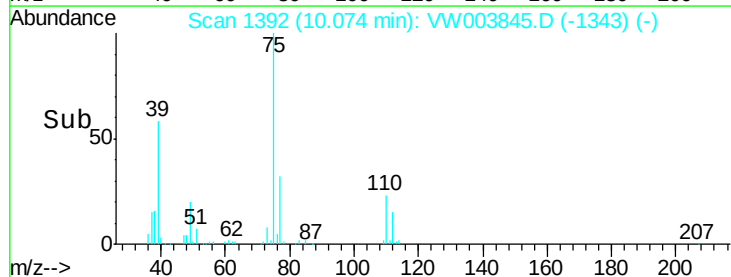
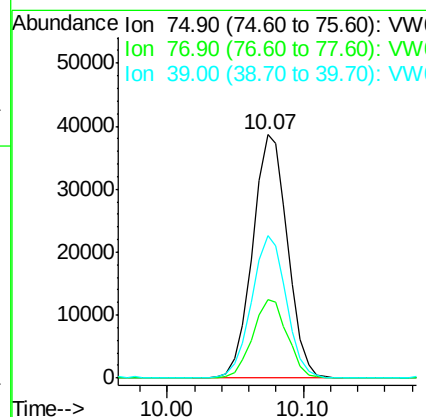
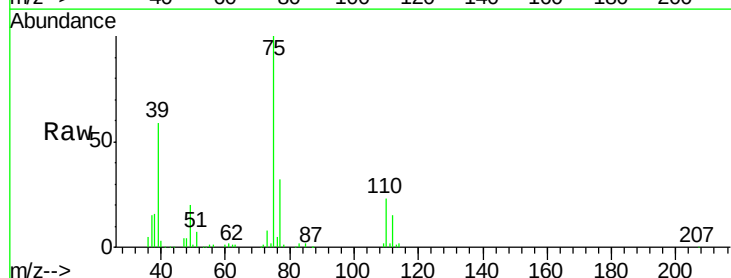
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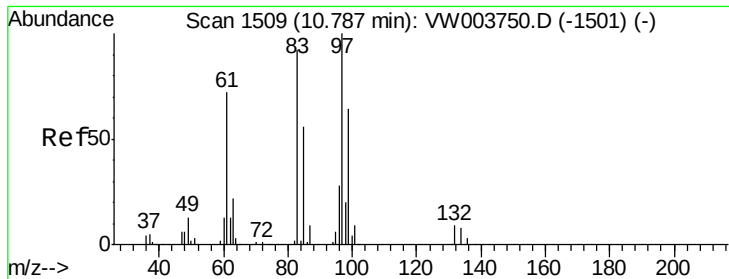
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#54
 cis-1,3-Dichloropropene
 Concen: 20.44 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion: 75 Resp: 69495
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4
 39 58.5 43.6 65.4





#55

1,1,2-Trichloroethane

Concen: 21.35 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

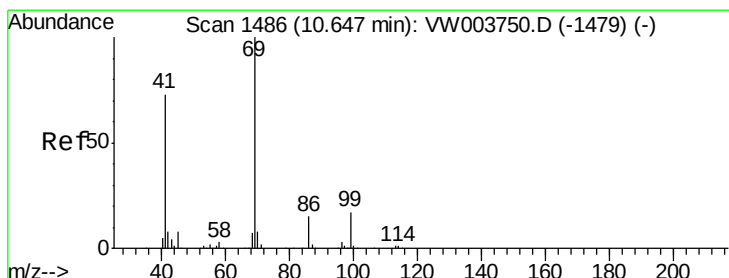
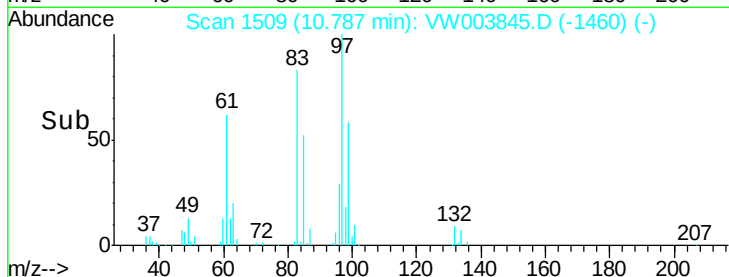
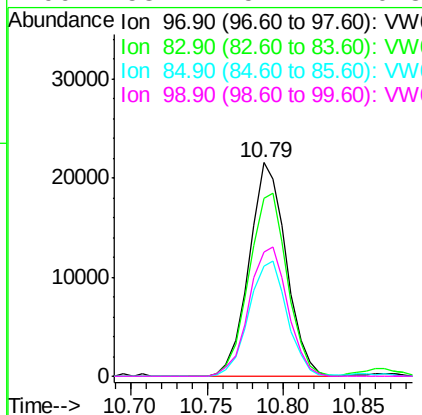
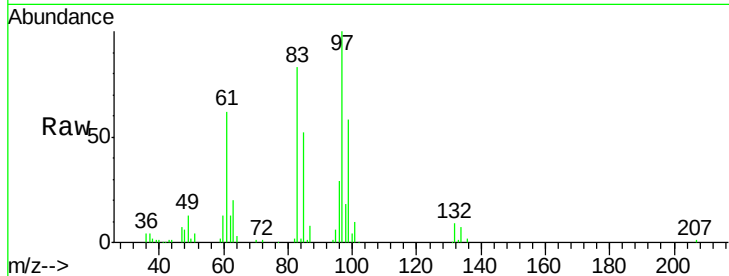
ClientSampleId :

VW0710SBS02

Tot Ion:	97	Resp:	36367
Ion	Ratio	Lower	Upper
97	100		
83	83.0	73.8	110.6
85	51.9	45.0	67.4
99	58.4	51.2	76.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.10 ug/l

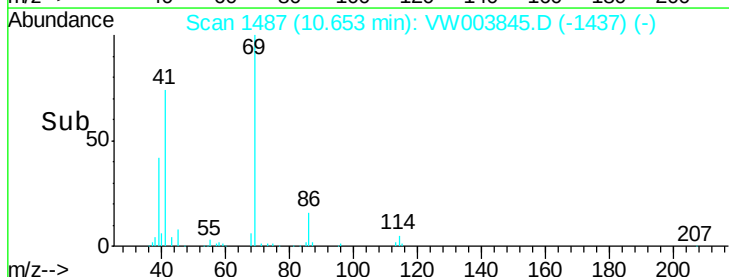
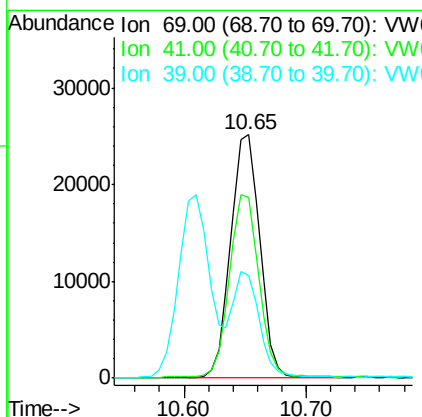
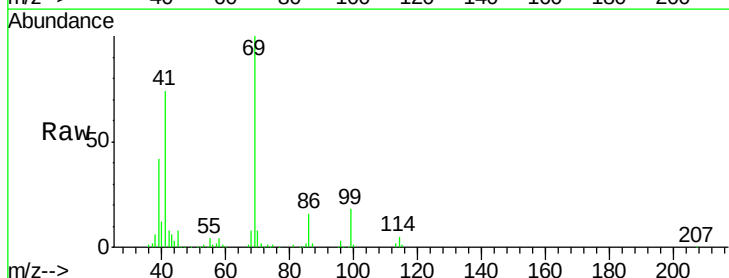
RT: 10.65 min Scan# 1487

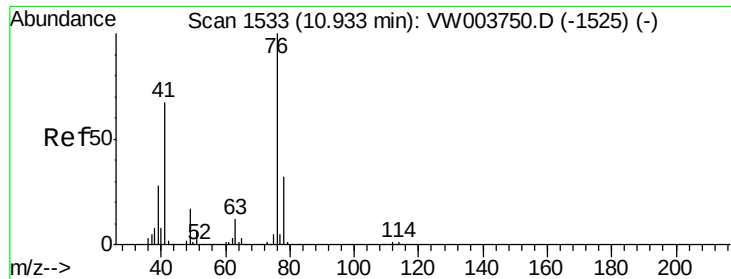
Delta R.T. 0.01 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion:	69	Resp:	41777
Ion	Ratio	Lower	Upper
69	100		
41	75.8	59.0	88.4
39	37.7	32.8	49.2





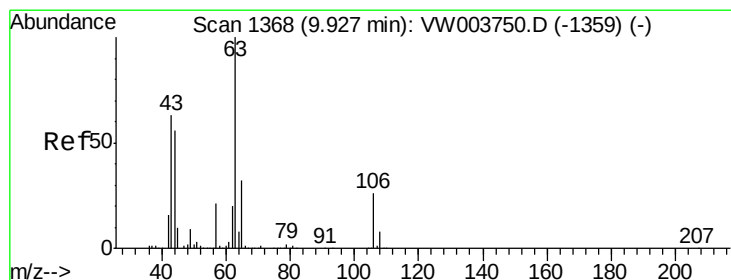
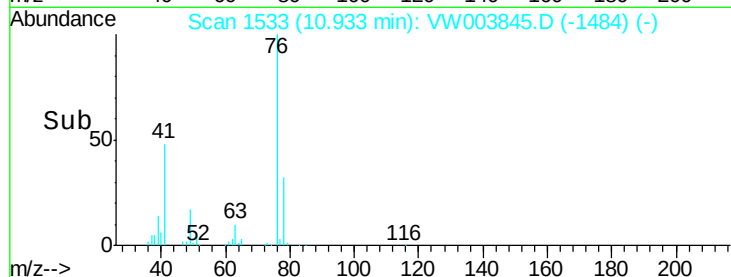
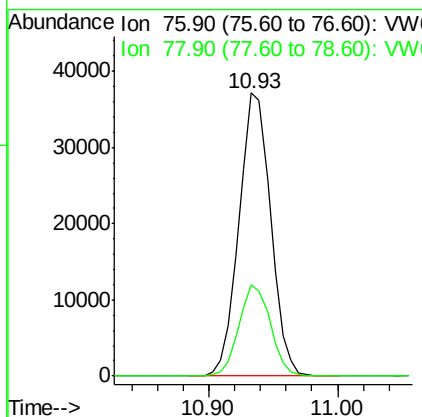
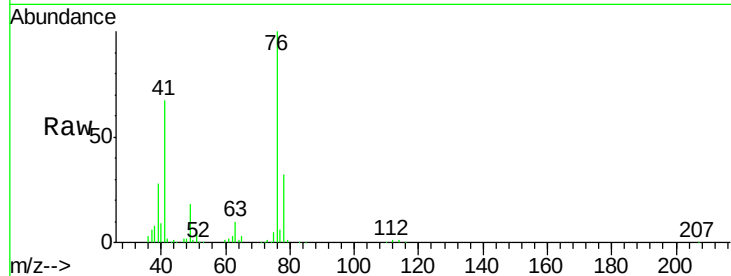
#57
 1,3-Dichloropropane
 Concen: 21.36 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion: 76 Resp: 63397
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4

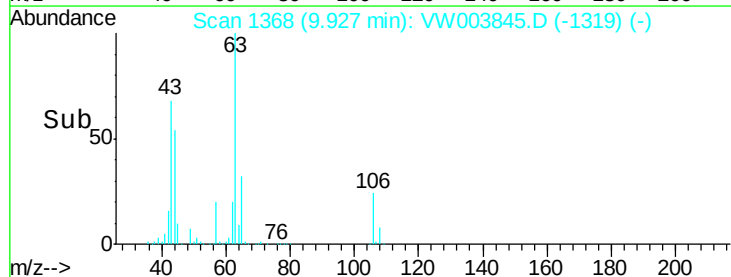
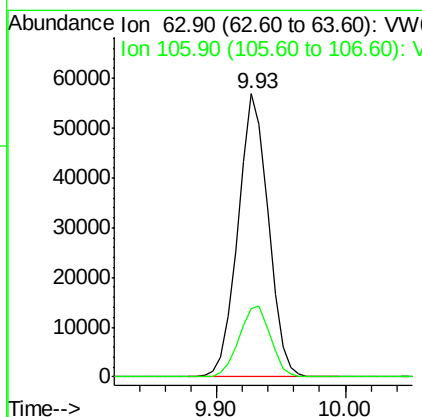
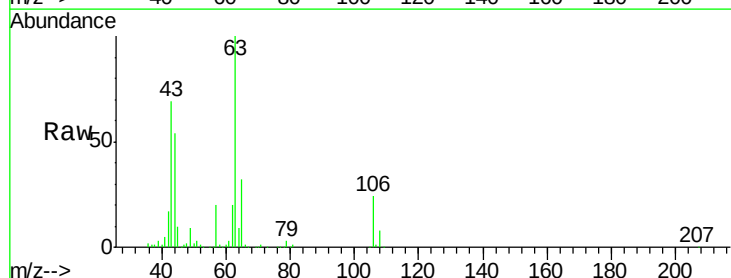
Manual Integrations
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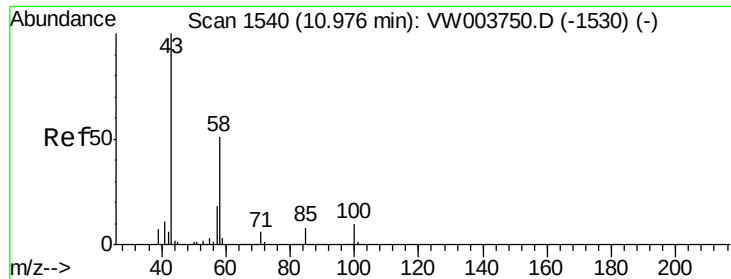
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.37 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion: 63 Resp: 92643
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.9 31.3





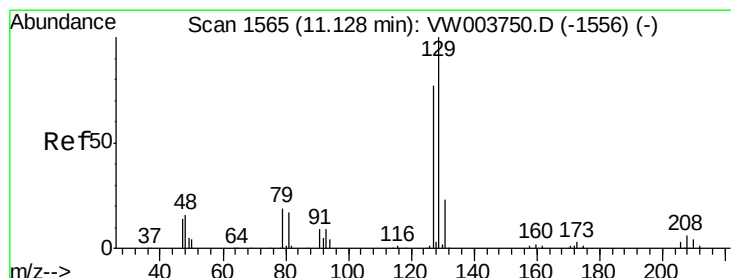
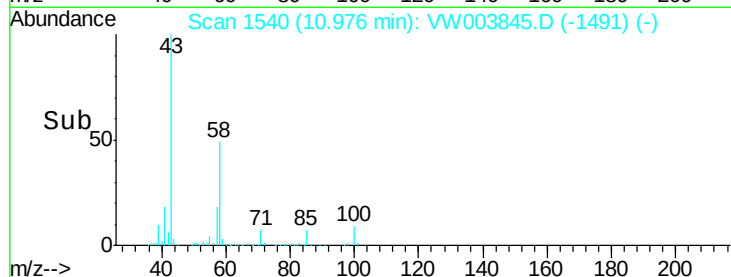
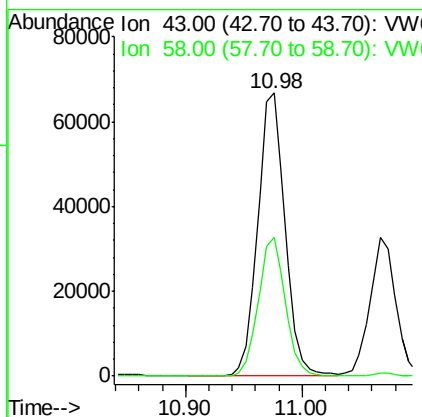
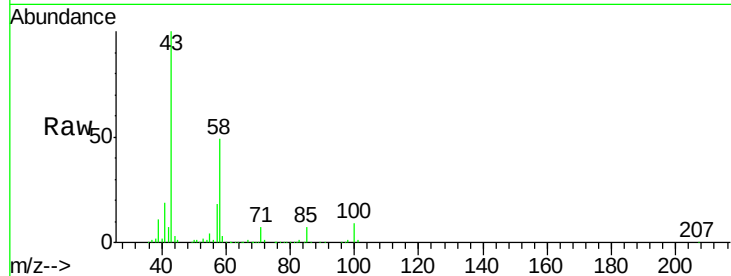
#59
2-Hexanone
Concen: 106.52 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion: 43 Resp: 109512
Ion Ratio Lower Upper
43 100
58 48.4 25.4 76.2

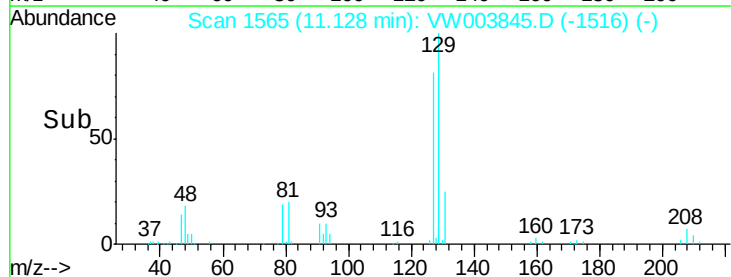
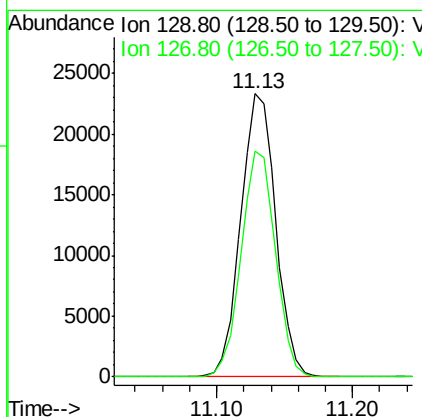
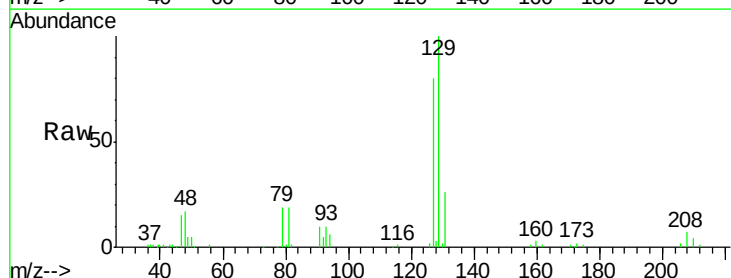
Manual Integrations
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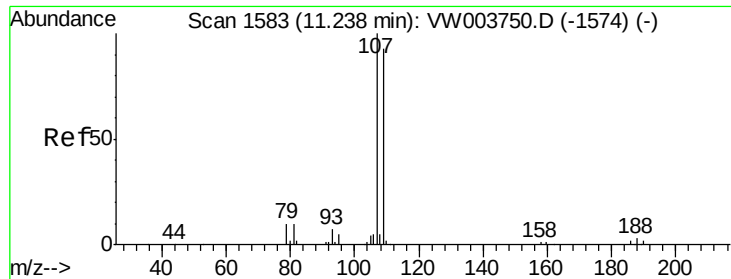
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7/11/2018 1:00:16 PM



#60
Dibromochloromethane
Concen: 21.05 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion: 129 Resp: 41859
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





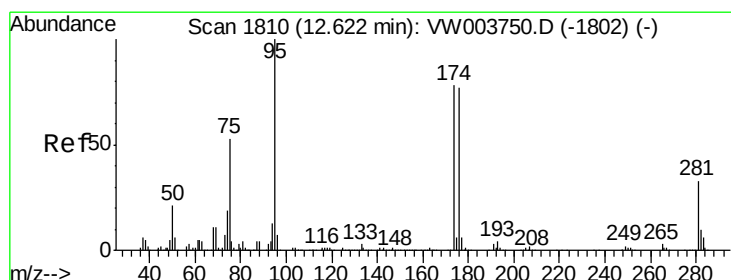
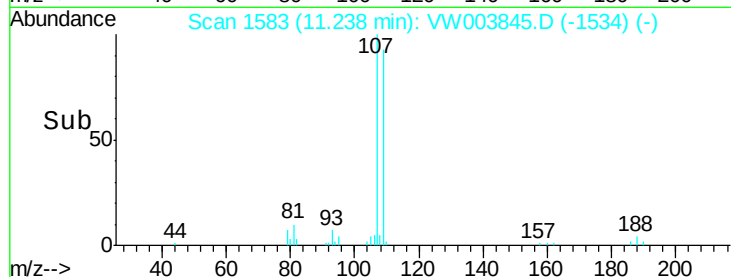
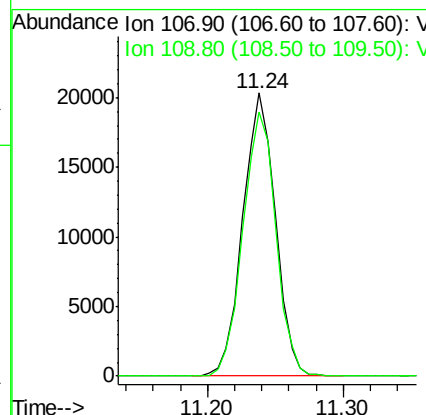
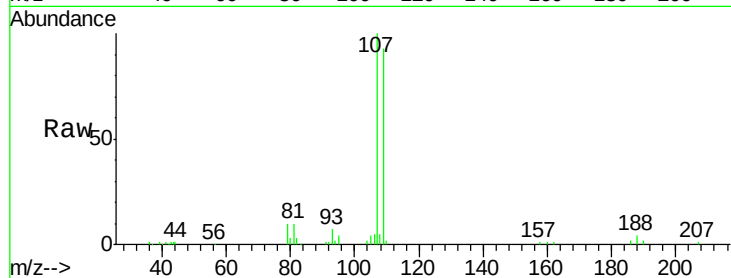
#61
 1,2-Dibromoethane
 Concen: 20.89 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion: 107 Resp: 34026
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.1 112.7

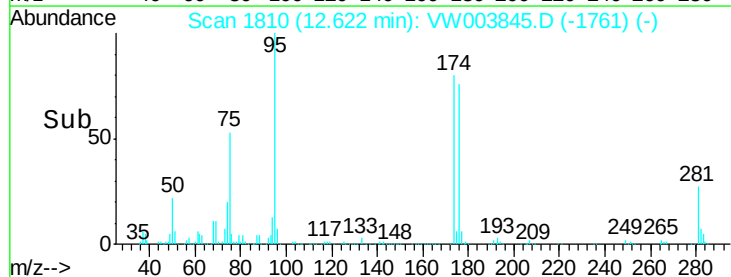
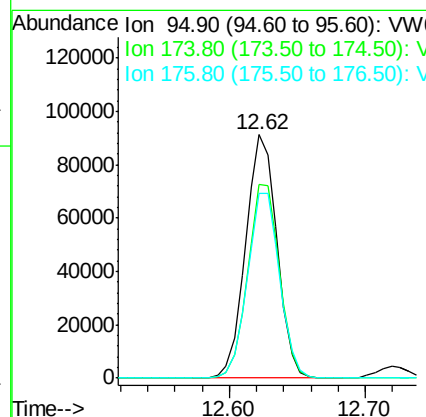
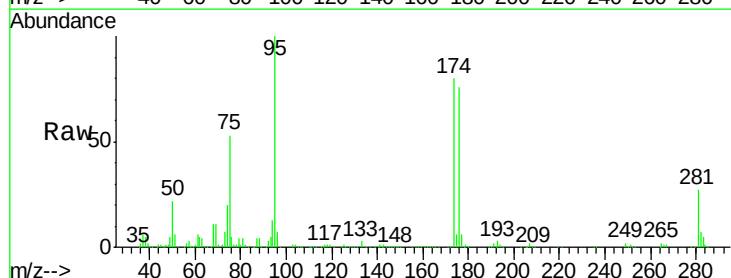
Manual Integrations
 APPROVED

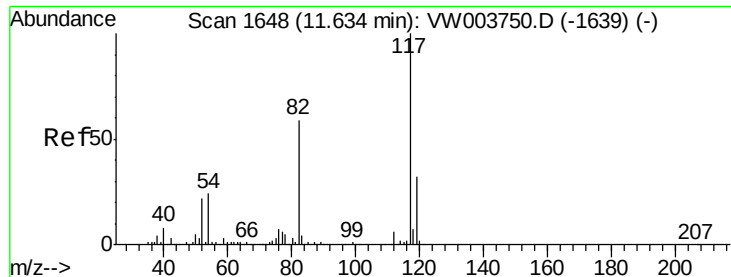
apatel
 7/11/2018 1:00:16 PM



#62
 4-Bromofluorobenzene
 Concen: 51.20 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion: 95 Resp: 146637
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 163.4
 176 78.0 0.0 156.8





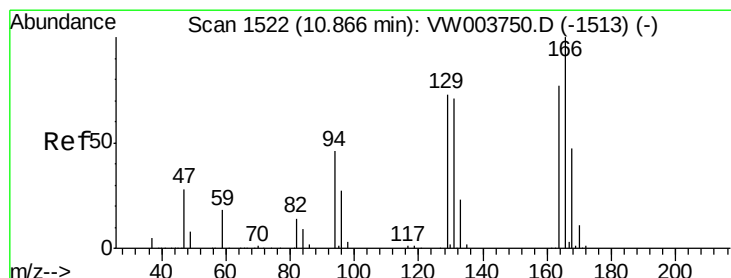
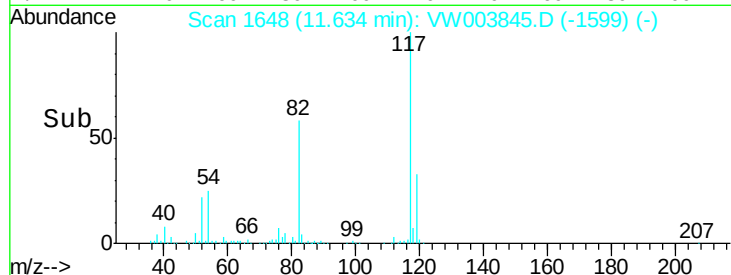
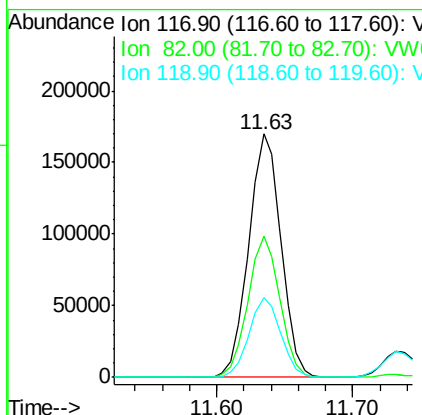
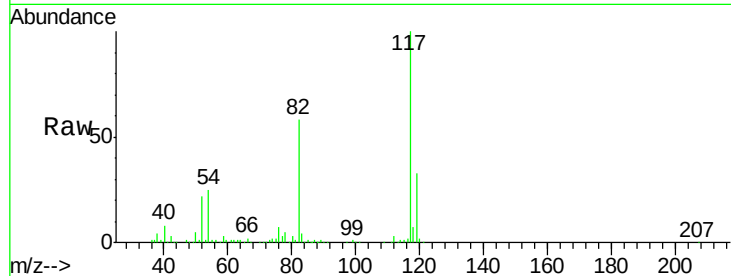
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	283438		
82	58.1	46.9	70.3	
119	32.8	25.5	38.3	

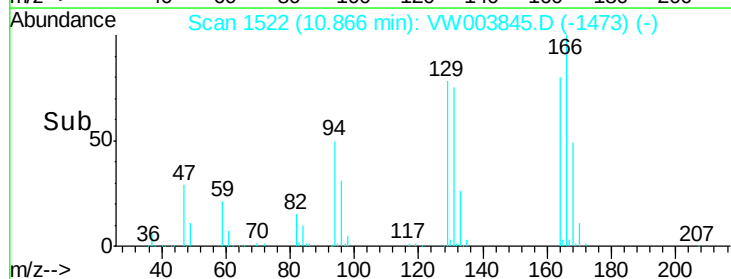
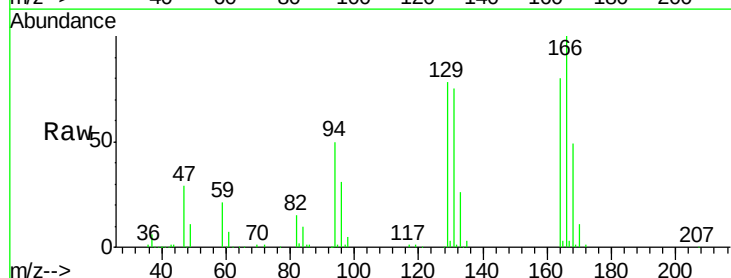
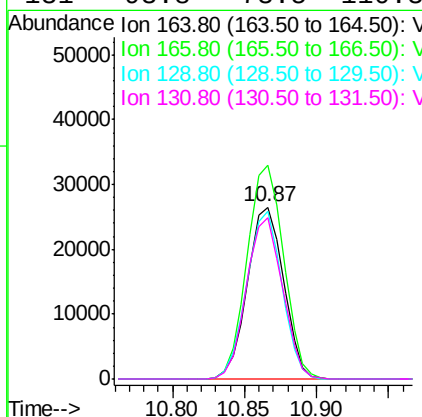
Manual Integrations
APPROVED

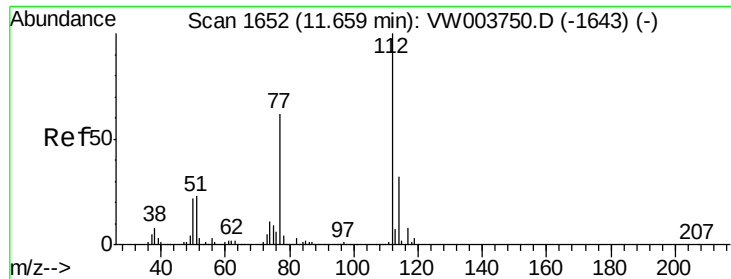
apatel
7/11/2018 1:00:16 PM



#64
Tetrachloroethene
Concen: 21.90 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45918		
166	124.3	104.2	156.4	
129	97.2	75.8	113.8	
131	93.8	73.5	110.3	





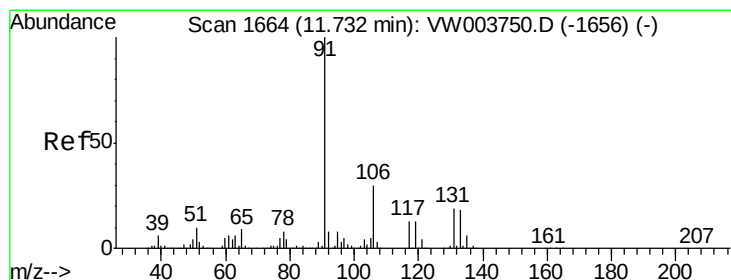
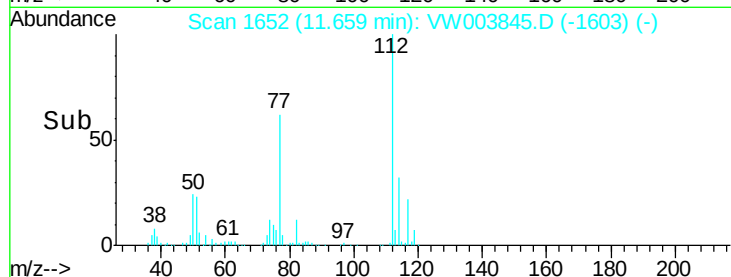
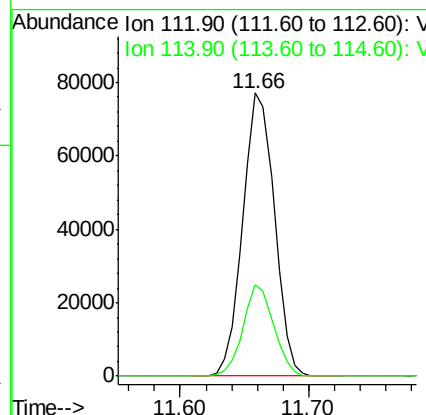
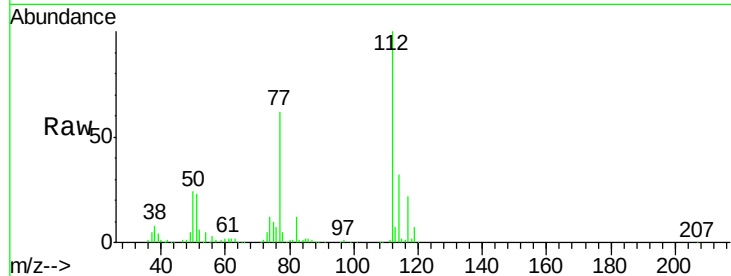
#65
Chlorobenzene
Concen: 21.01 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.0	39.0

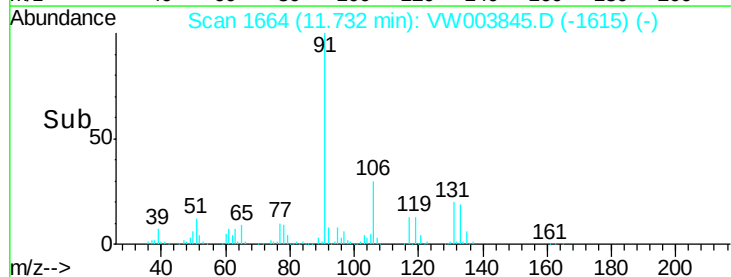
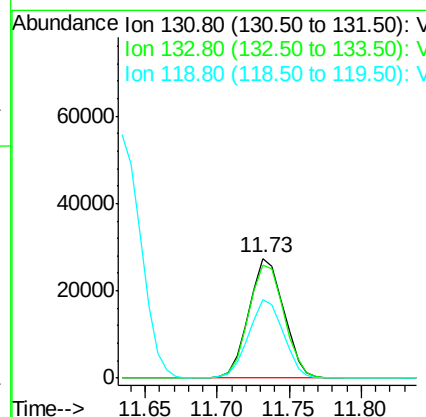
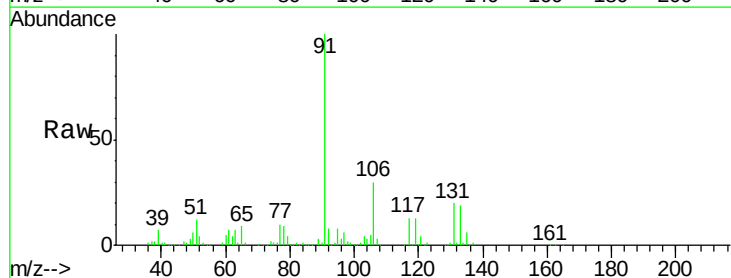
Manual Integrations
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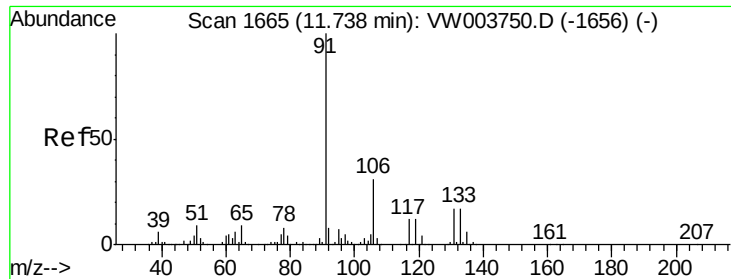
apatel
7/11/2018 1:00:16 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.11 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.0	144.2
119	65.6	33.2	99.6





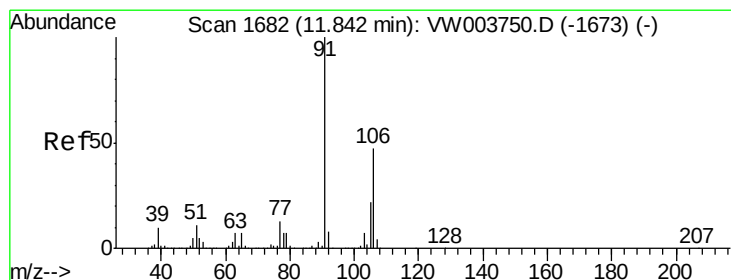
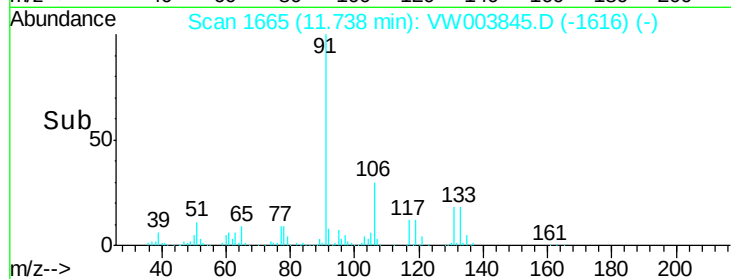
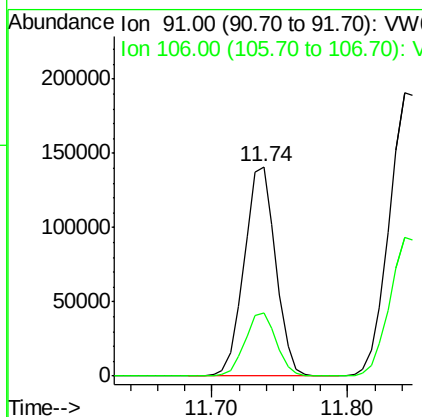
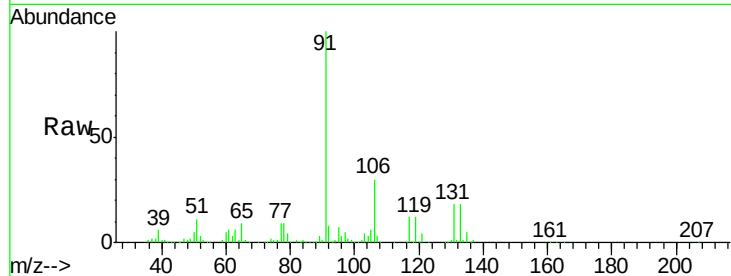
#67
Ethyl Benzene
Concen: 21.39 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion: 91 Resp: 228483
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

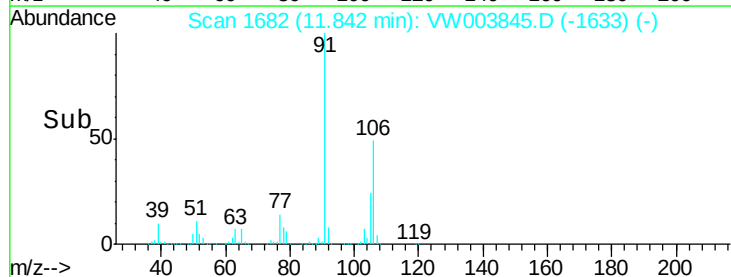
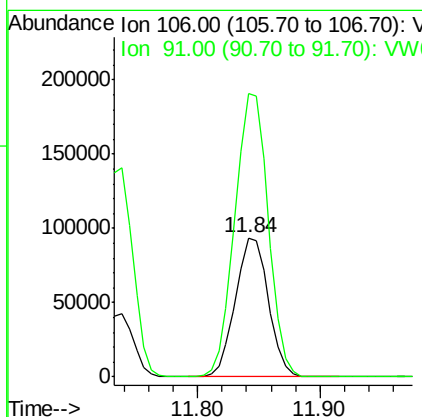
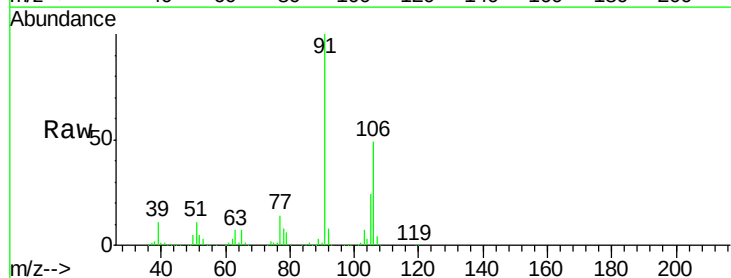
Manual Integrations
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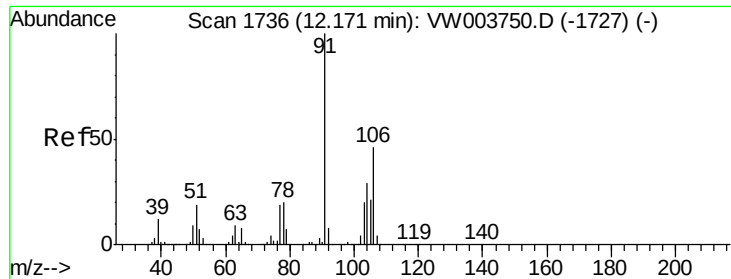
apatel
7/11/2018 1:00:16 PM



#68
m/p-Xylenes
Concen: 42.79 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion: 106 Resp: 175073
Ion Ratio Lower Upper
106 100
91 206.1 164.3 246.5





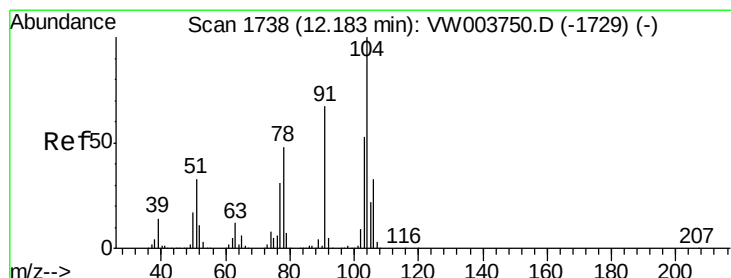
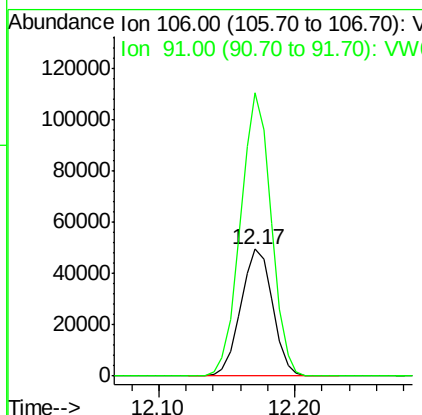
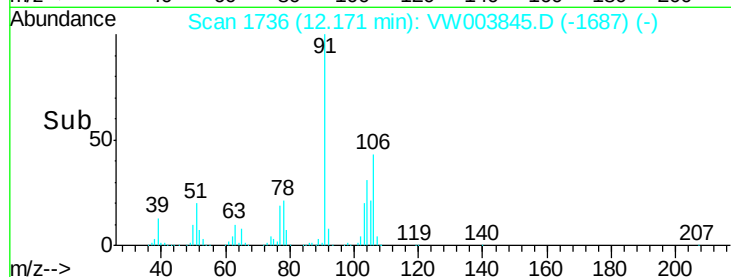
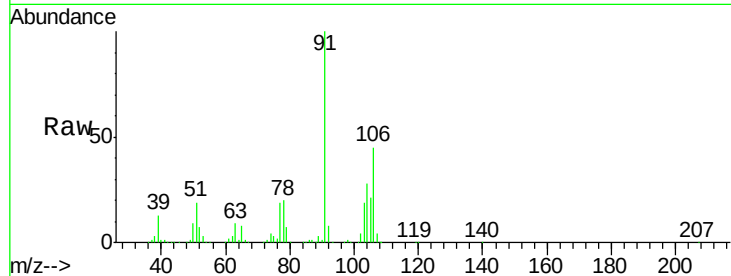
#69
o-Xylene
Concen: 21.46 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion:106 Resp: 81019
Ion Ratio Lower Upper
106 100
91 215.5 109.1 327.2

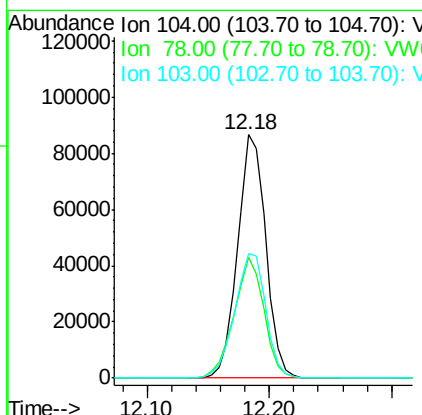
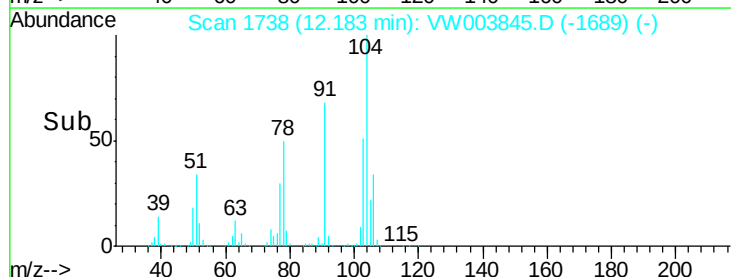
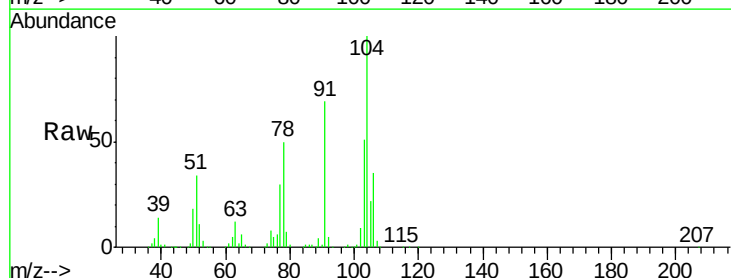
Manual Integrations
APPROVED

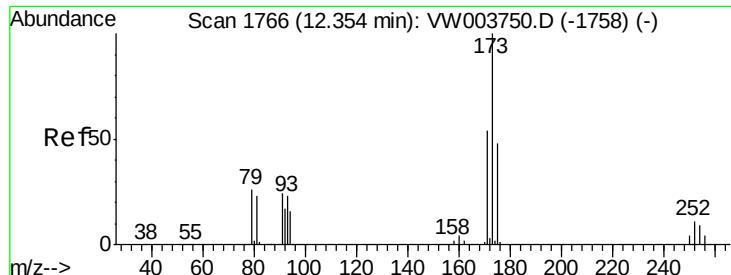
apatel
7/11/2018 1:00:16 PM



#70
Styrene
Concen: 21.51 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion:104 Resp: 138081
Ion Ratio Lower Upper
104 100
78 52.7 41.1 61.7
103 56.3 44.6 67.0





#71

Bromoform

Concen: 21.03 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBS02

Tot Ion:173 Resp: 25339

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

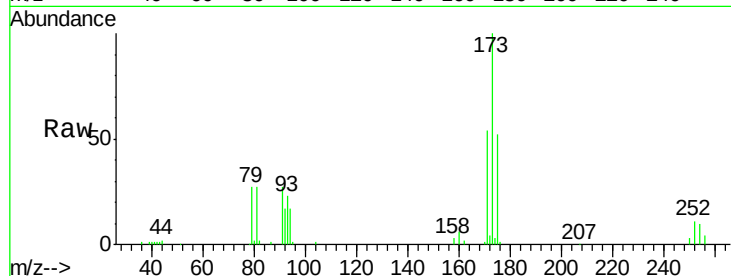
254 0.0 0.0 0.0

Manual Integrations

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apatel

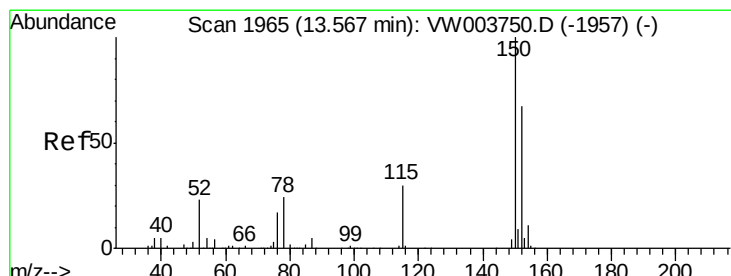
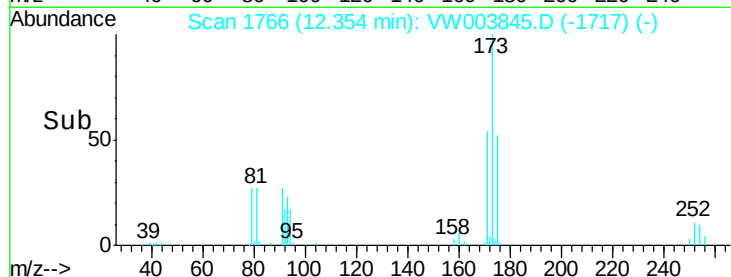
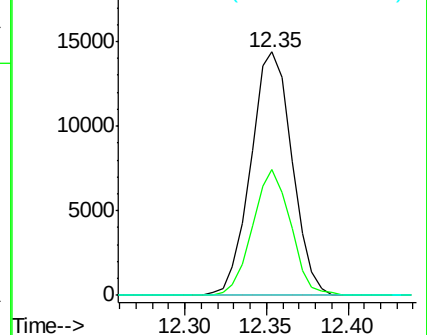
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

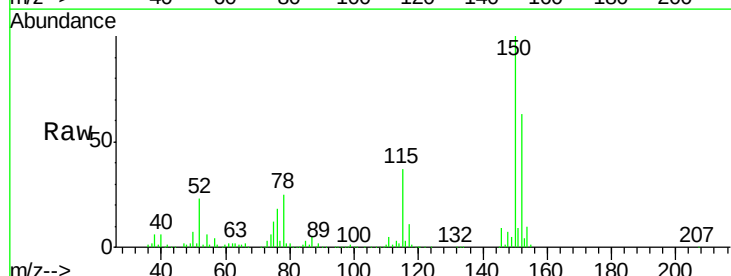
Tgt Ion:152 Resp: 156439

Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.8

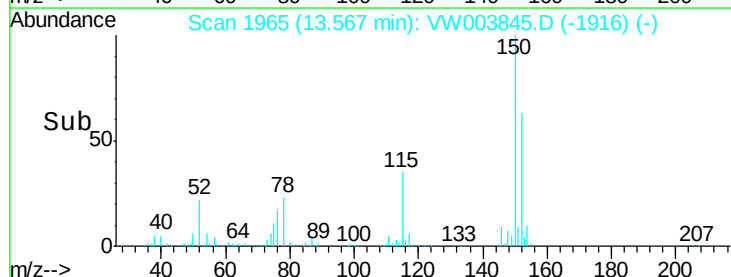
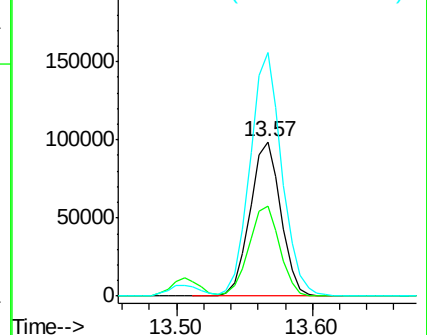
150 162.6 0.0 342.4

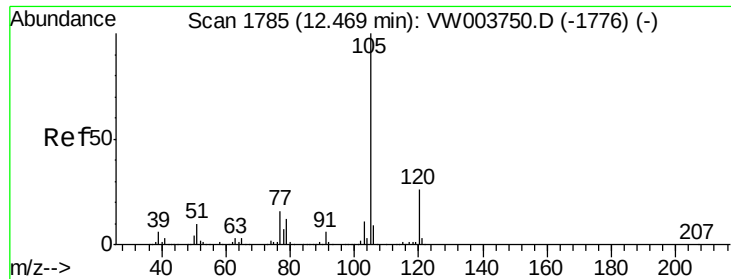


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





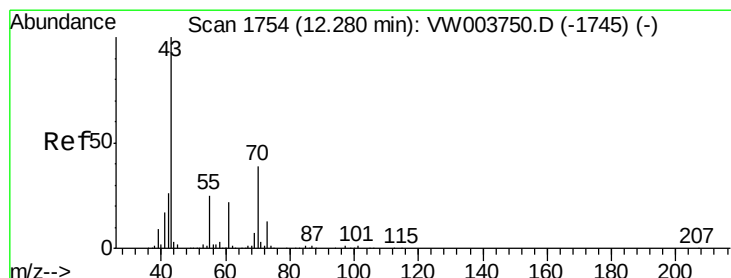
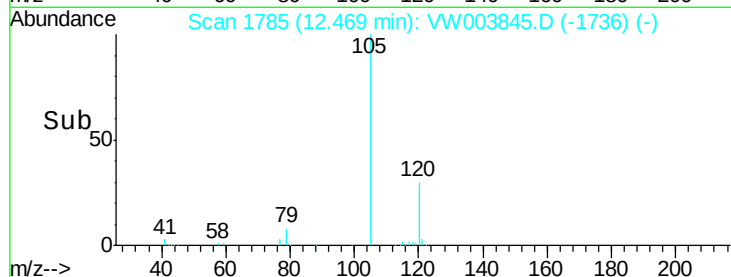
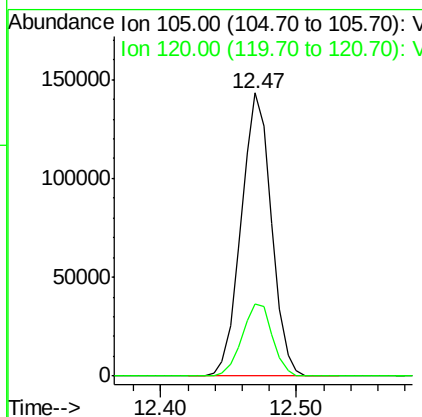
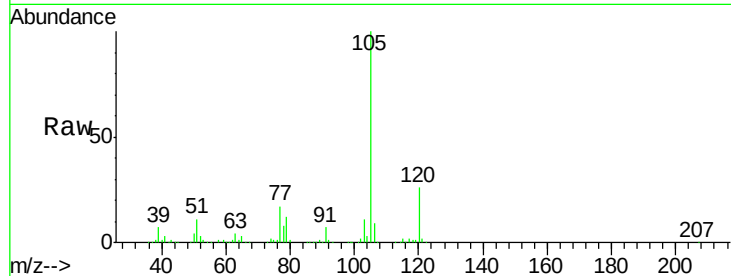
#73
Isopropylbenzene
Concen: 20.97 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

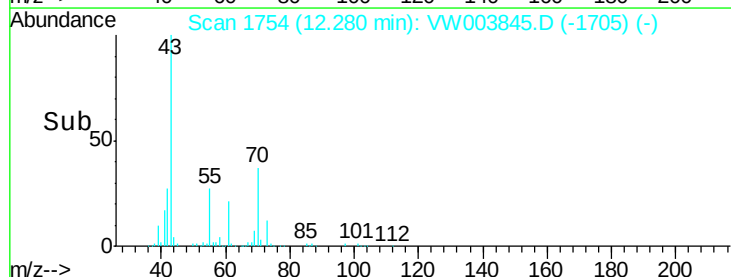
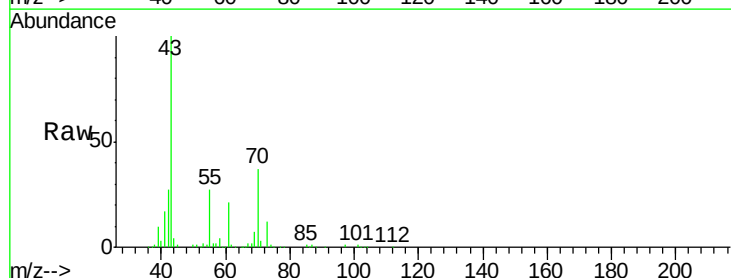
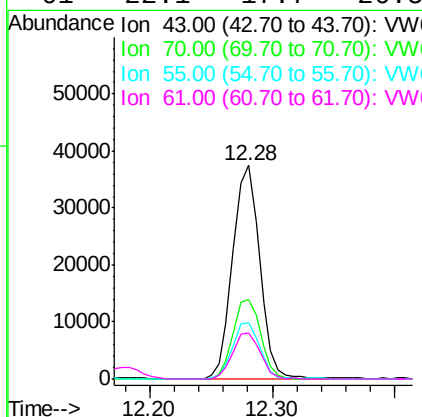
Manual Integrations
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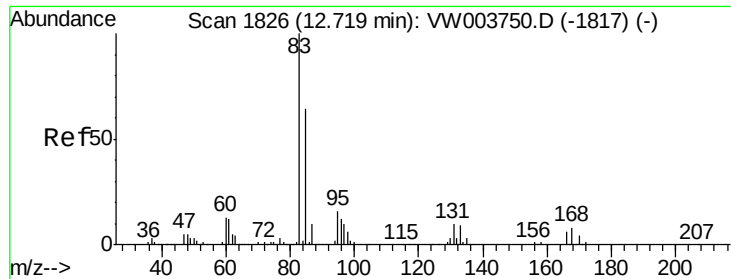
apatel
7/11/2018 1:00:16 PM



#74
N-ethyl acetate
Concen: 20.12 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.1	31.3	46.9
55	26.5	20.1	30.1
61	22.1	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.66 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

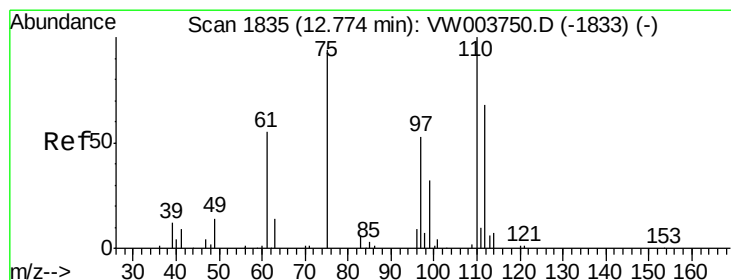
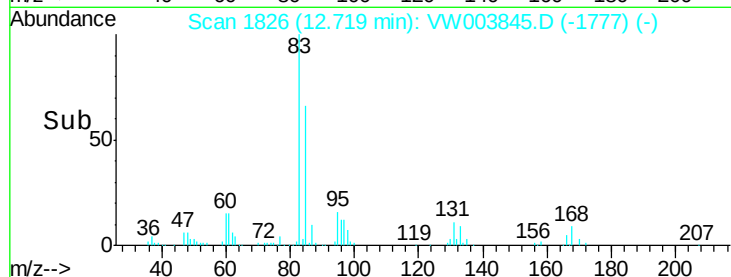
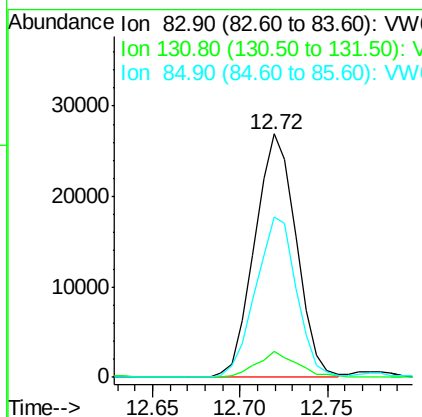
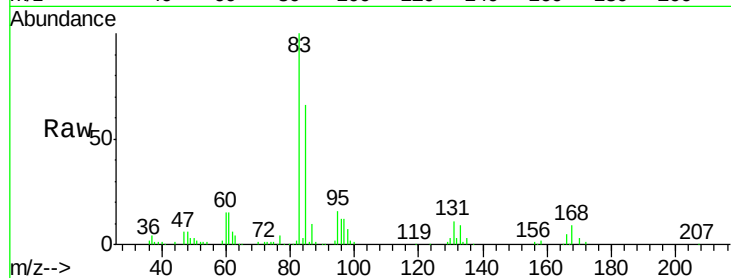
ClientSampleId :

VW0710SBS02

Tot Ion:	83	Resp:	44364
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	65.1	32.1	96.3

Manual Integrations
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apatel
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#76

1,2,3-Trichloropropane

Concen: 18.64 ug/l m

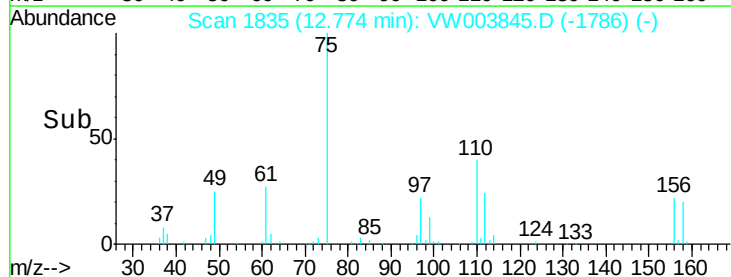
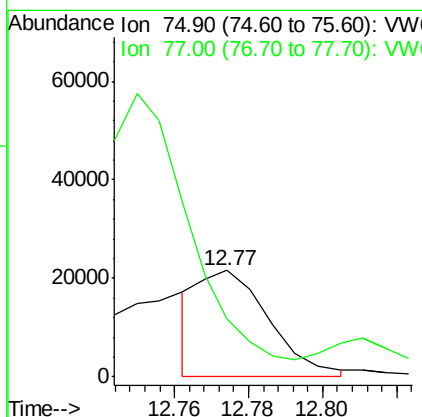
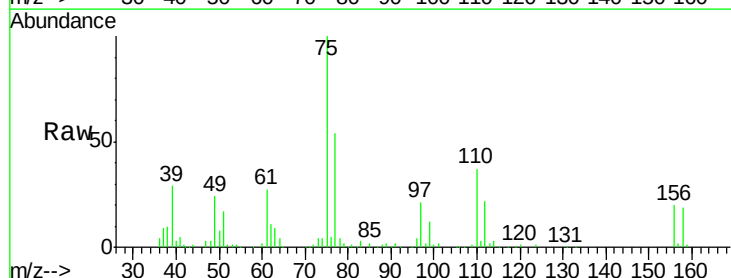
RT: 12.77 min Scan# 1835

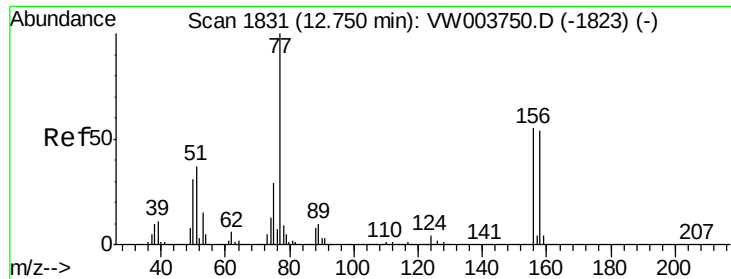
Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion:	75	Resp:	28642
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.89 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

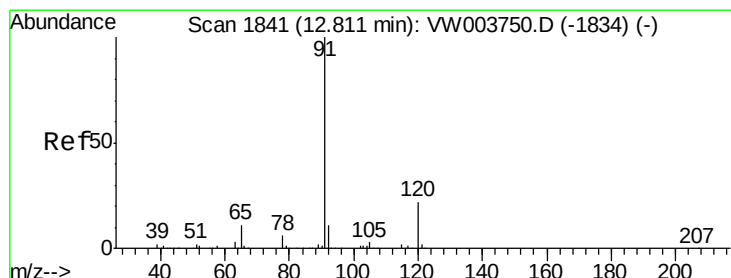
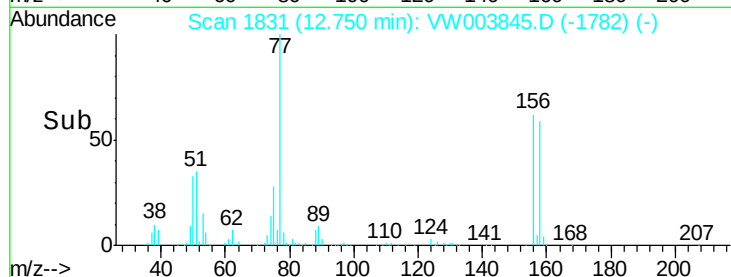
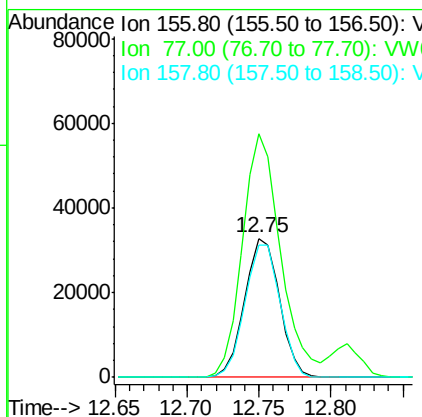
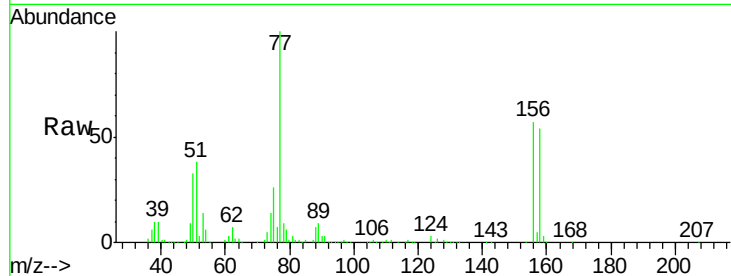
ClientSampleId :

VW0710SBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	192.0	98.7	296.0
158	96.5	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 21.22 ug/l

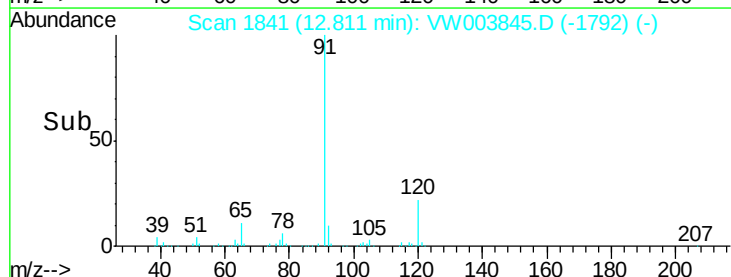
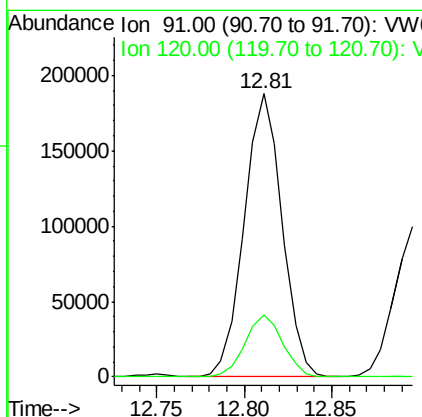
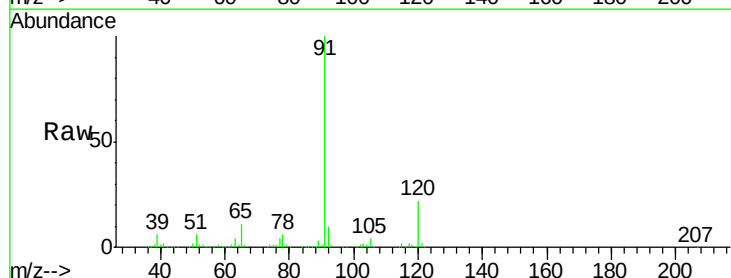
RT: 12.81 min Scan# 1841

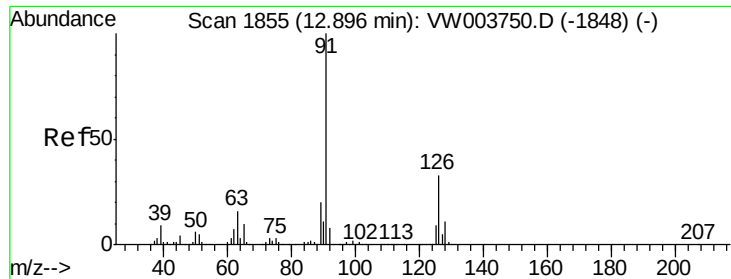
Delta R.T. -0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.2	33.6





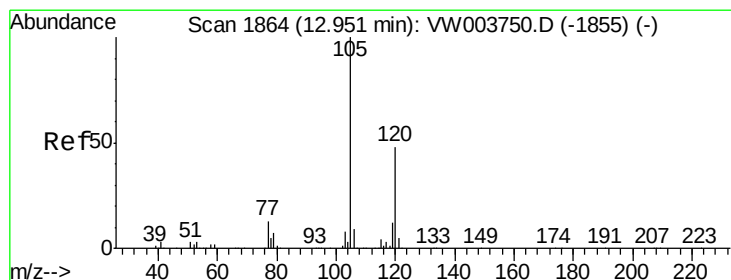
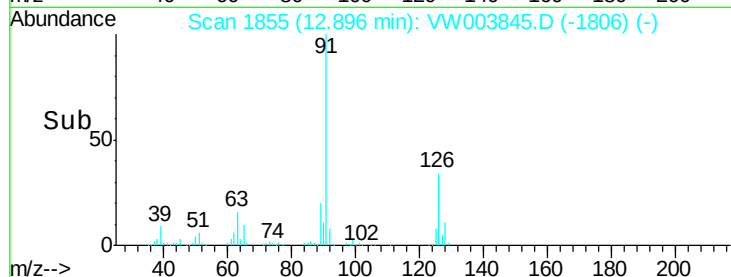
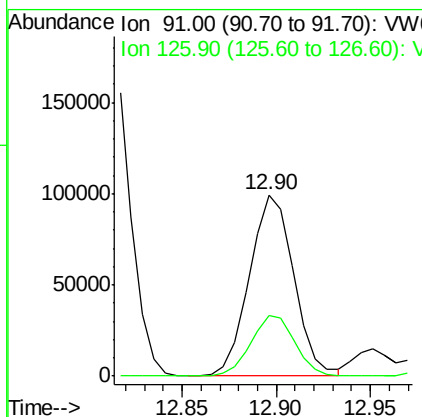
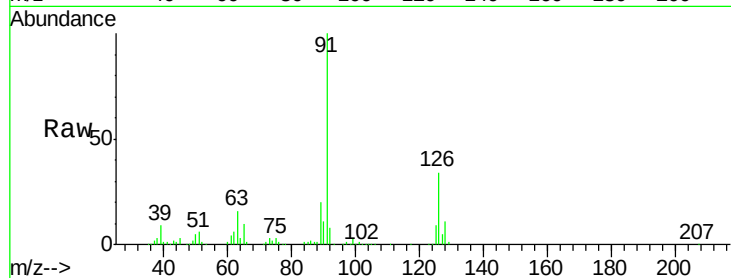
#79
 2-Chlorotoluene
 Concen: 21.26 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampled :
 VW0710SBS02

Tot Ion: 91 Resp: 162428
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0

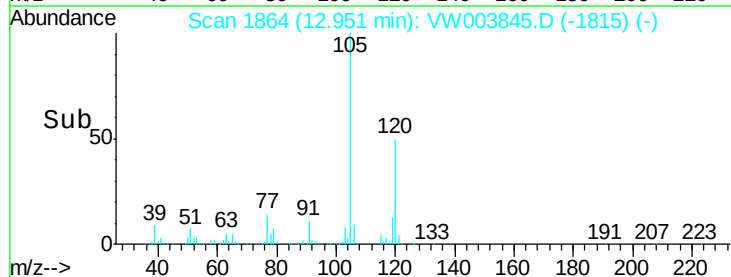
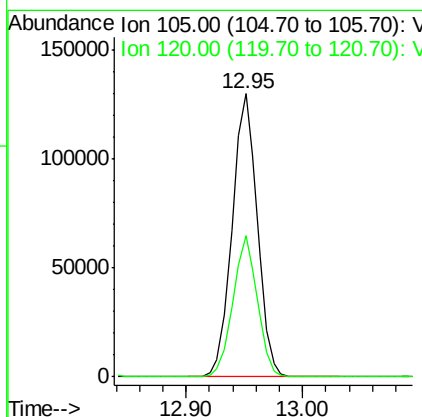
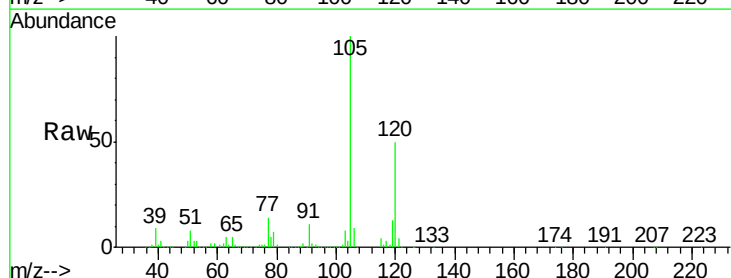
Manual Integrations
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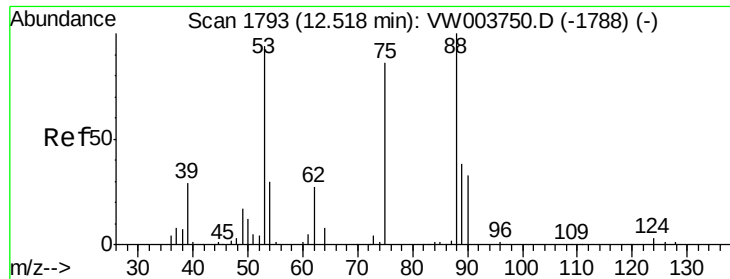
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.38 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion: 105 Resp: 195223
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.2 72.6





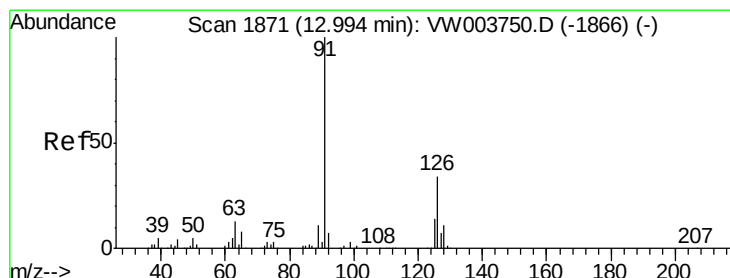
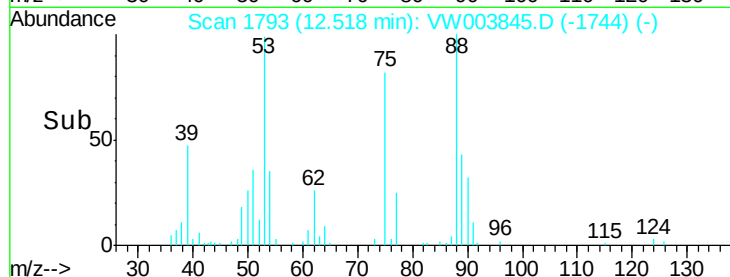
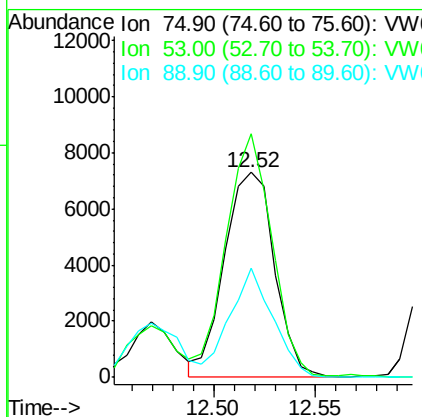
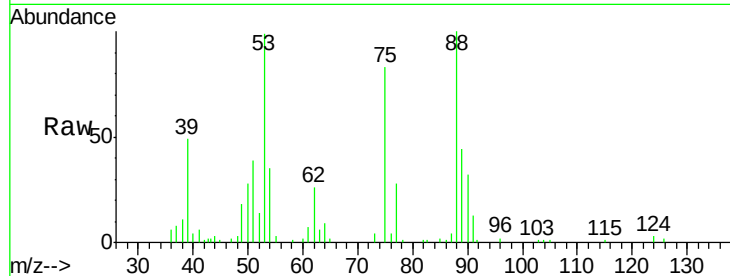
#81
trans-1,4-Dichloro-2-butene
Concen: 19.86 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampled :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.3	85.0	127.6
89	45.7	36.3	54.5

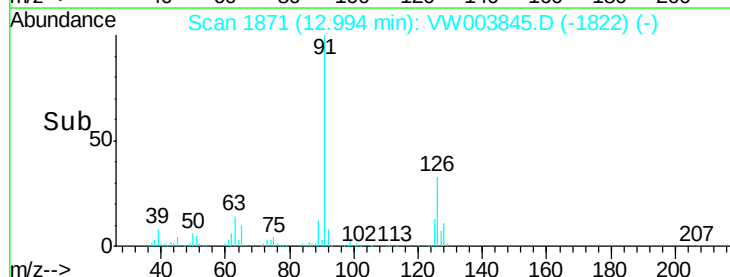
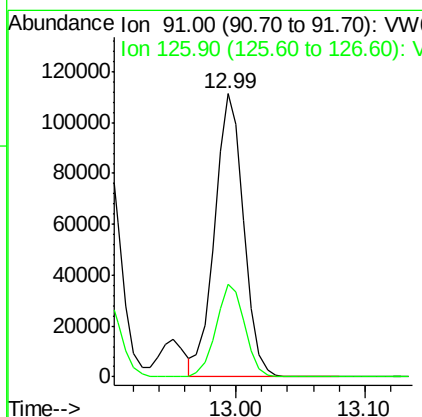
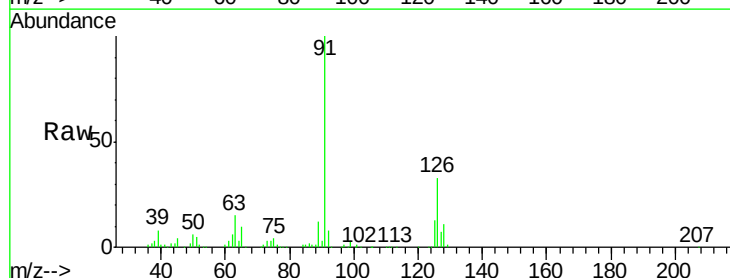
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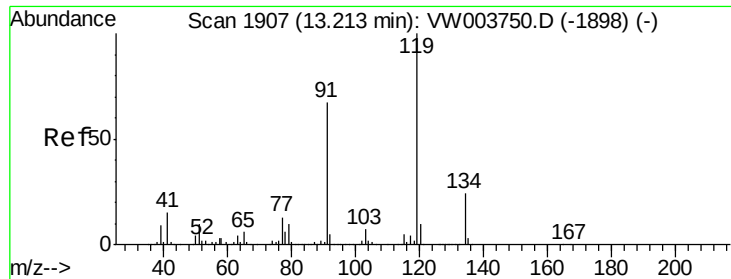
apatel
7/11/2018 1:00:16 PM



#82
4-Chlorotoluene
Concen: 21.37 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.5	49.5





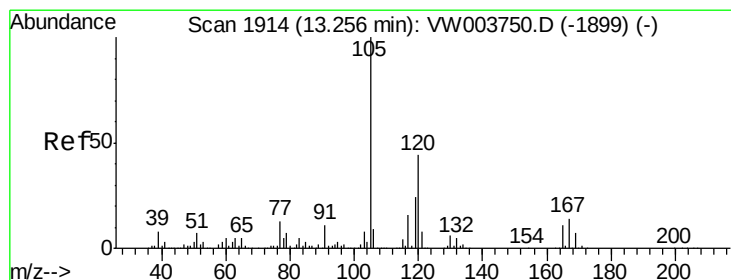
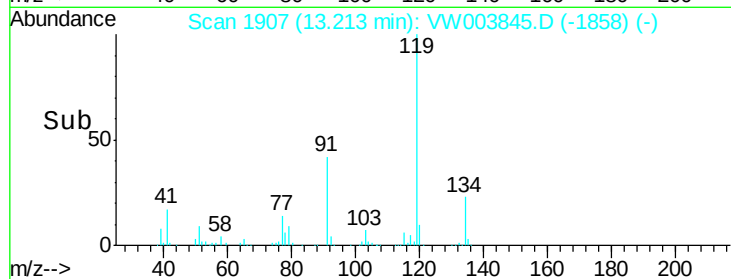
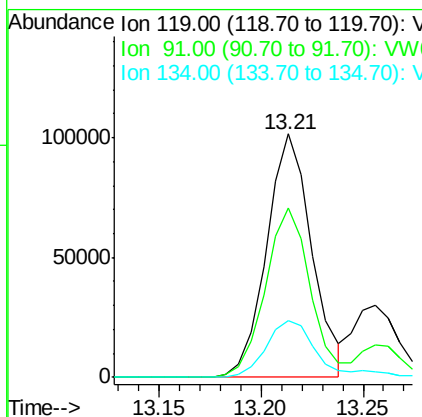
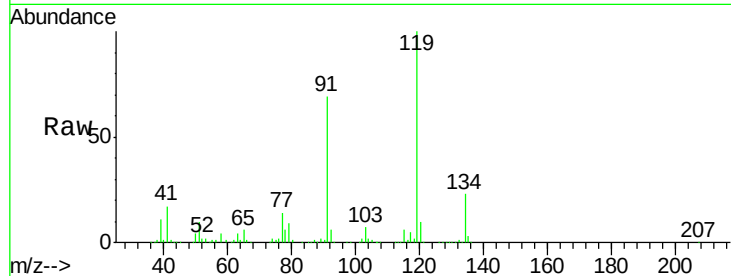
#83
 tert-Butylbenzene
 Concen: 20.83 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	33.0	98.9
134	26.5	12.8	38.4

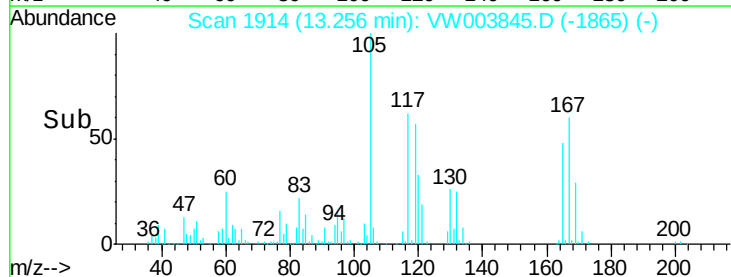
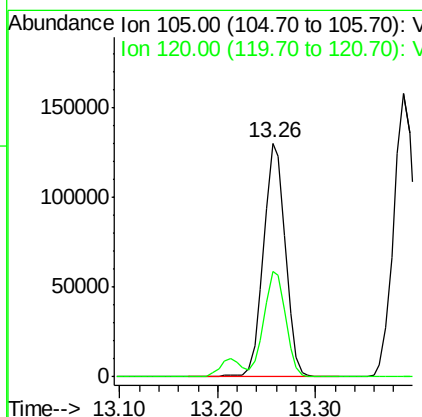
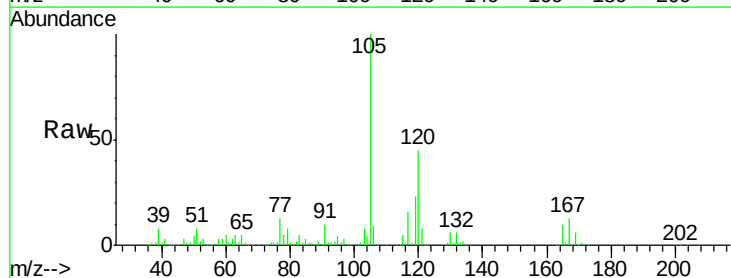
Manual Integrations
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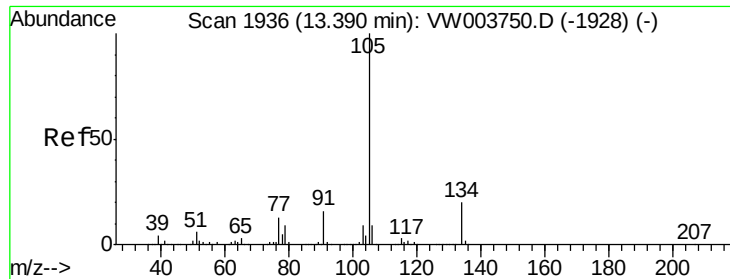
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.22 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.0	66.0





#85

sec-Butylbenzene

Concen: 21.13 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

Instrument :

MSVOA_W

ClientSampled :

VW0710SBS02

Tot Ion:105 Resp: 238046

Ion Ratio Lower Upper

105 100

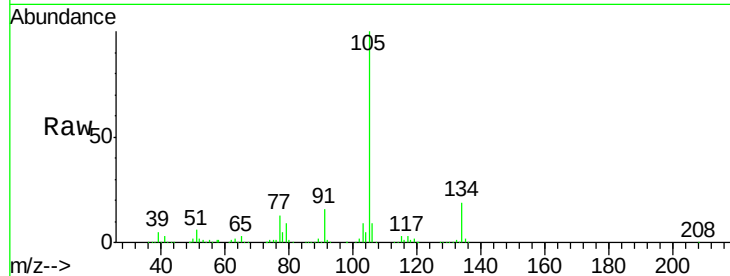
134 19.4 9.8 29.4

Manual Integrations

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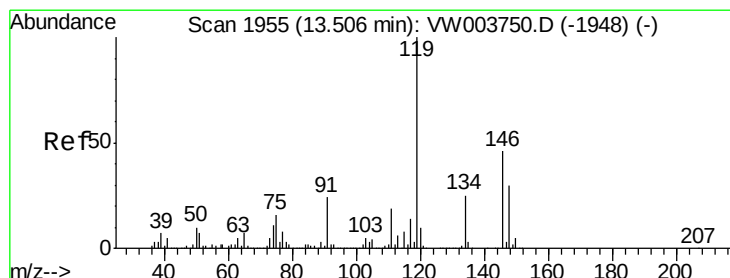
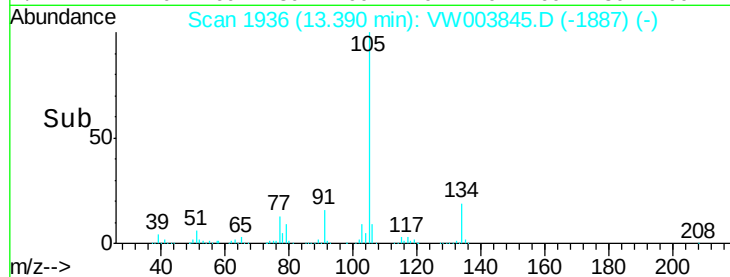
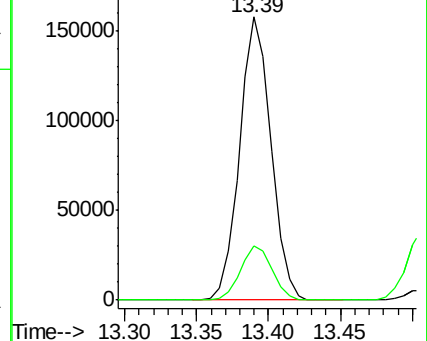
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.25 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003845.D

Acq: 11 Jul 2018 01:37

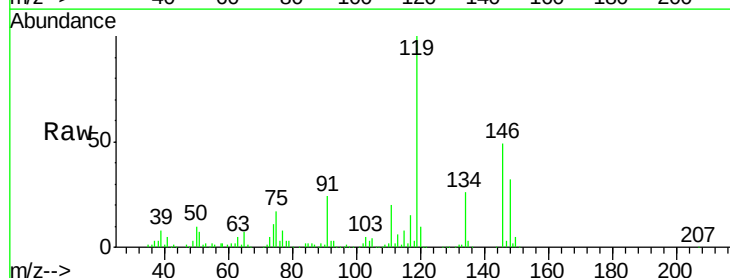
Tgt Ion:119 Resp: 209145

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

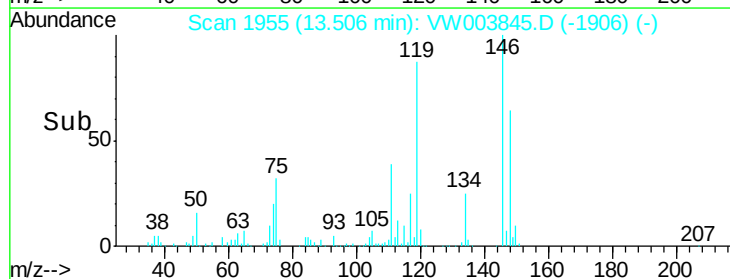
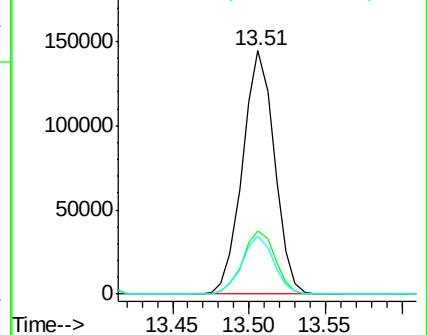
91 23.8 11.9 35.9

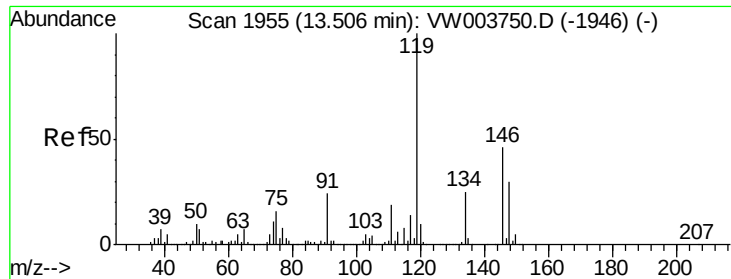


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





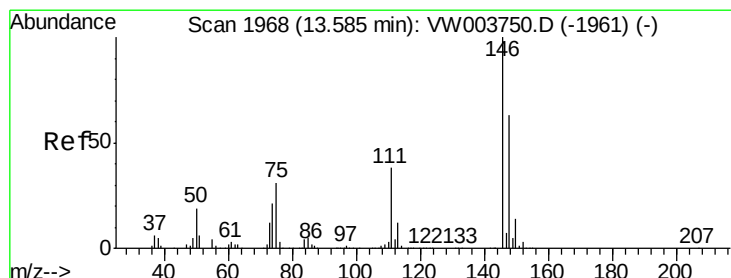
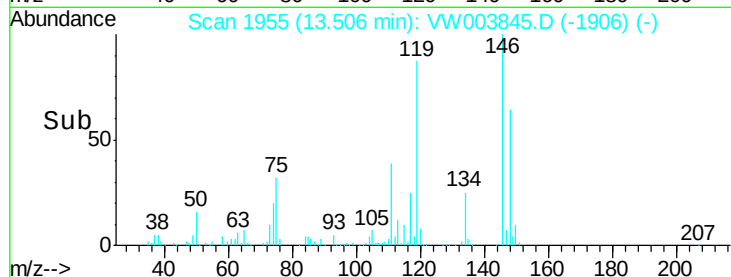
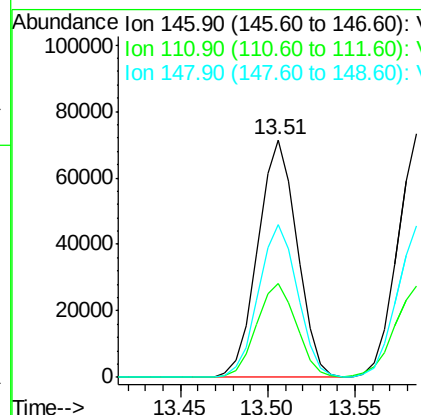
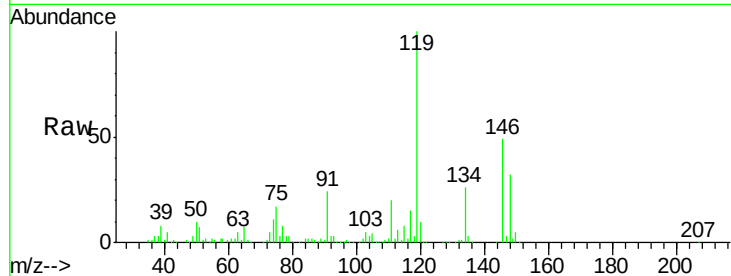
#87
 1,3-Dichlorobenzene
 Concen: 20.95 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.9	20.2	60.5	
148	64.2	31.9	95.7	

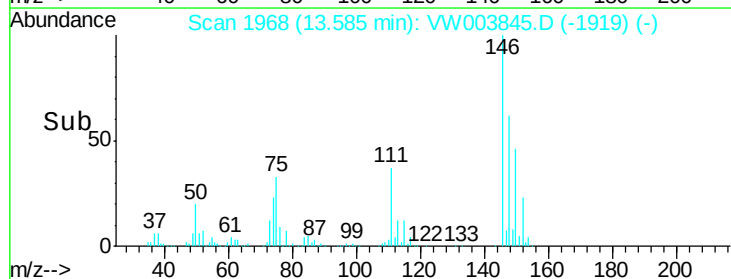
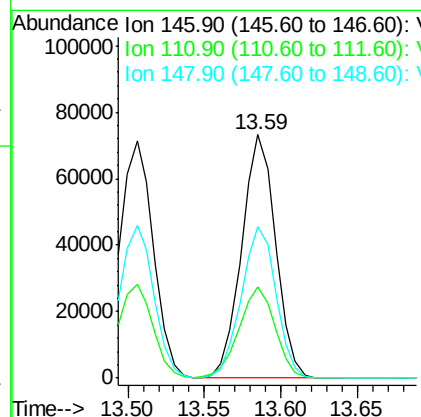
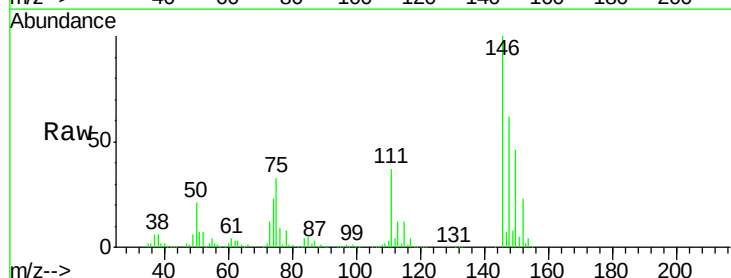
Manual Integrations
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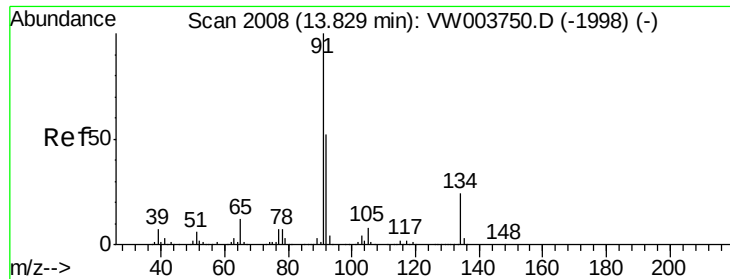
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#88
 1,4-Dichlorobenzene
 Concen: 21.07 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.7	19.4	58.4	
148	63.8	31.9	95.7	





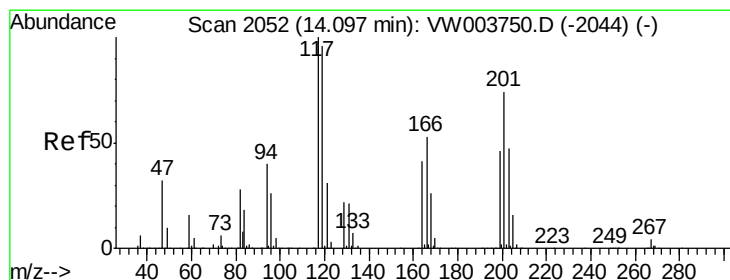
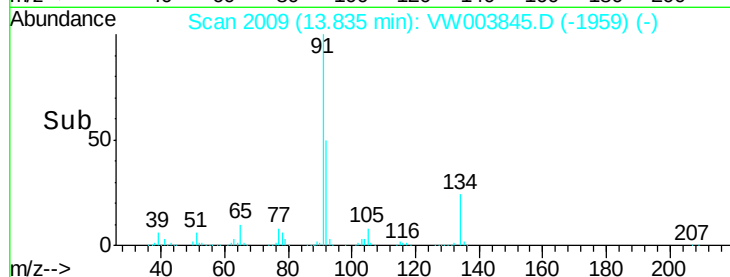
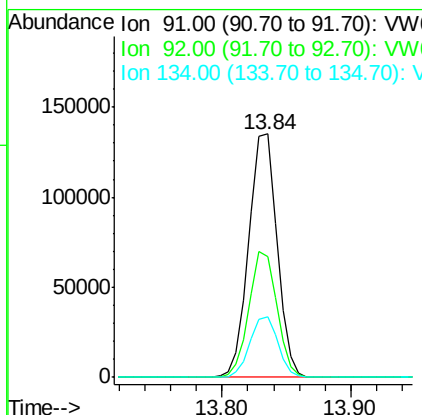
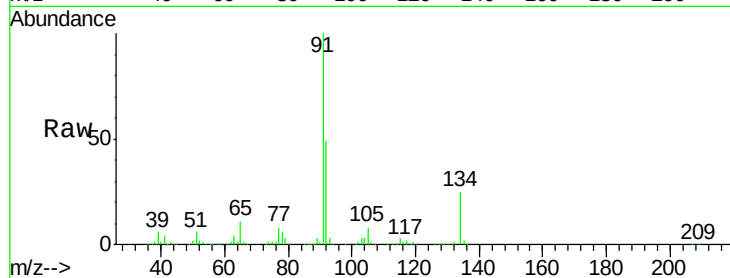
#89
n-Butylbenzene
Concen: 21.16 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.1	78.3
134	24.6	12.4	37.4

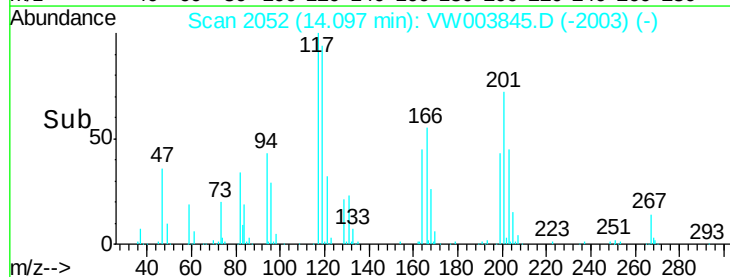
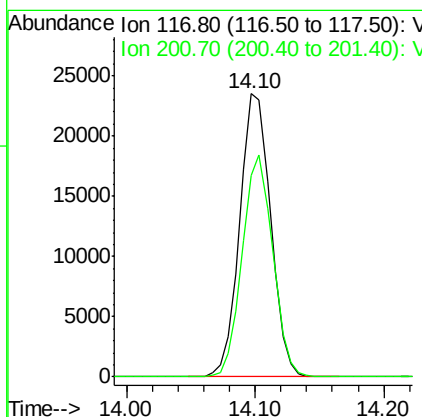
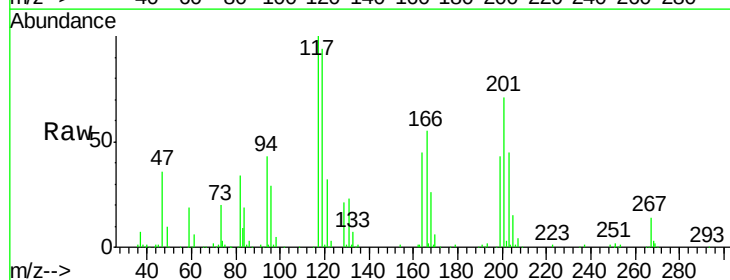
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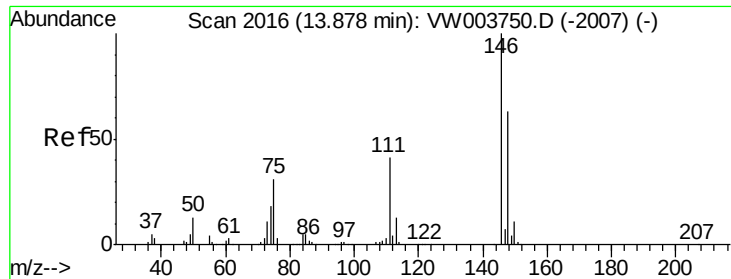
apatel
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#90
Hexachloroethane
Concen: 20.60 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	39.2	117.6





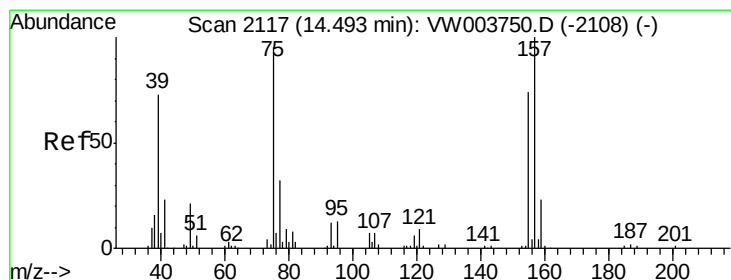
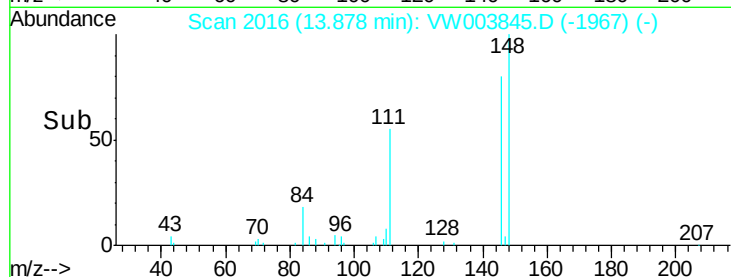
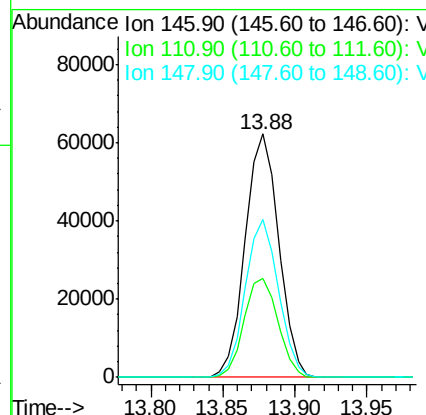
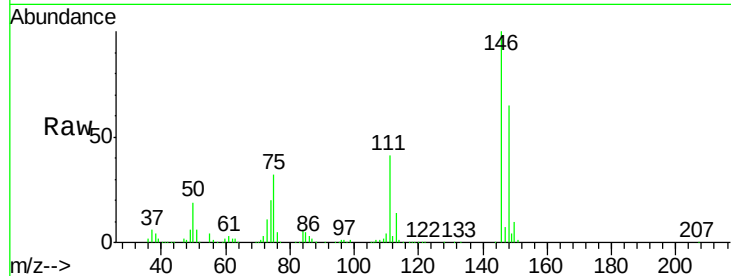
#91
 1,2-Dichlorobenzene
 Concen: 20.95 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	64.2	31.9	95.9

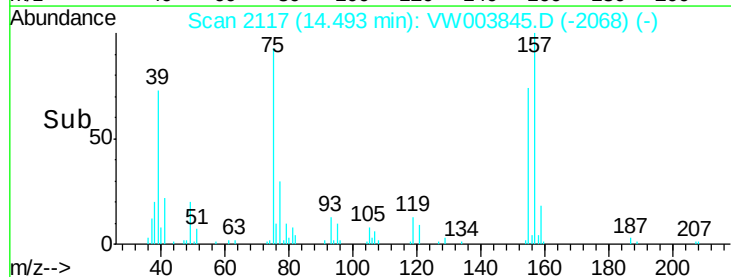
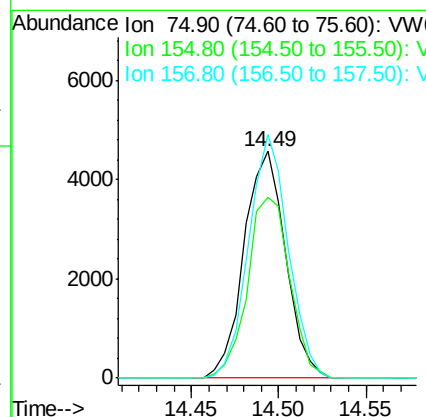
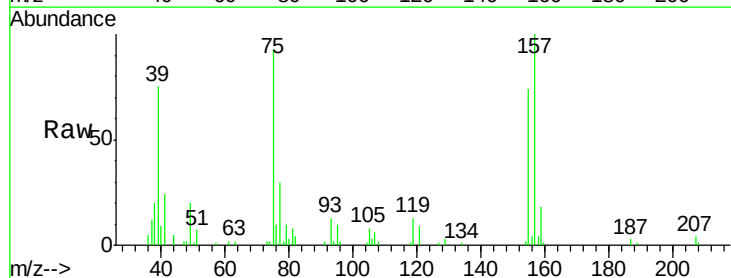
Manual Integrations
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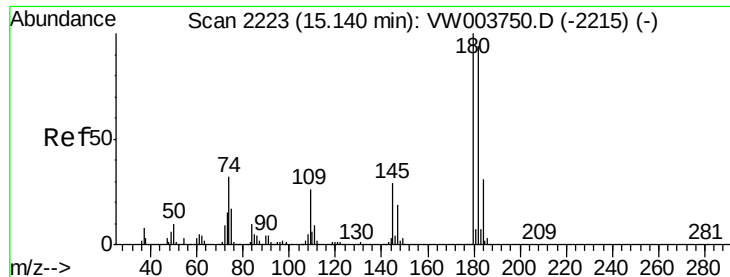
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.31 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	39.2	117.6
157	102.3	50.7	152.1





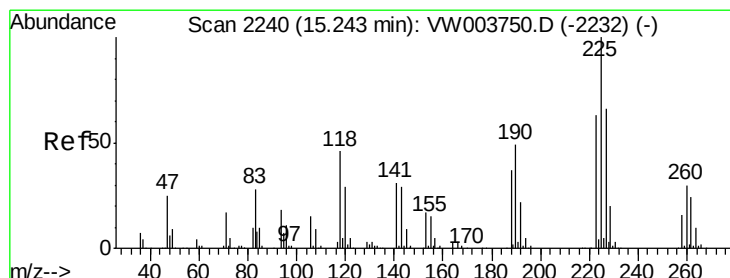
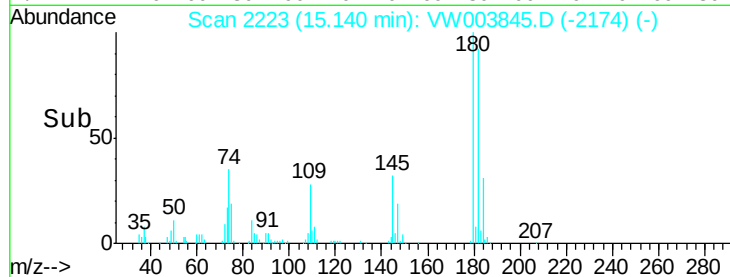
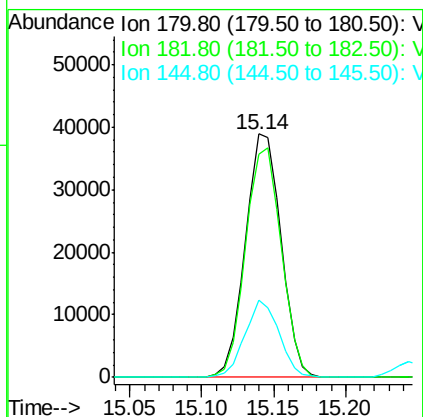
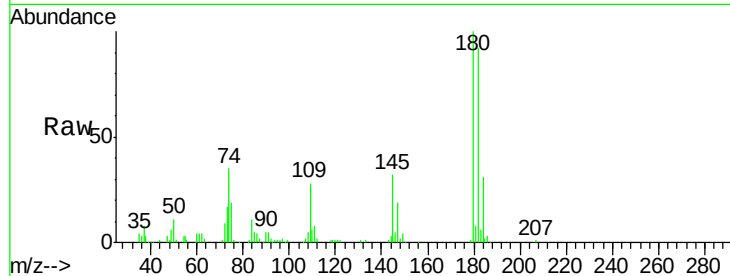
#93
 1,2,4-Trichlorobenzene
 Concen: 20.51 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Instrument :
 MSVOA_W
 ClientSampled :
 VW0710SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.4	142.2
145	30.3	15.0	45.0

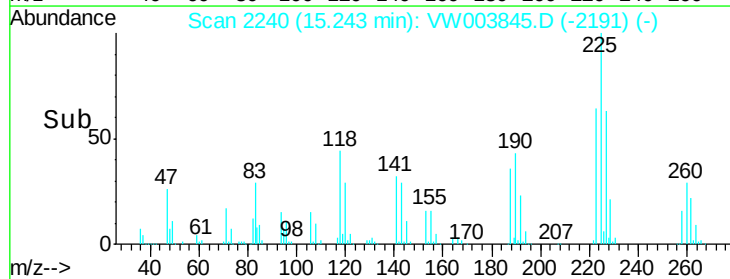
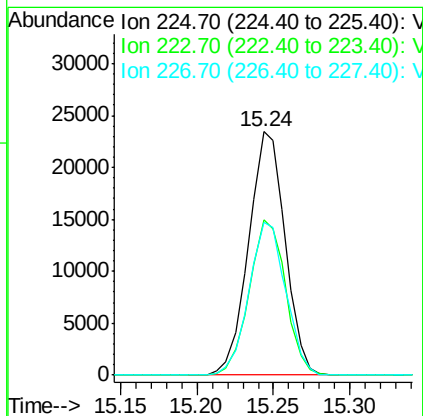
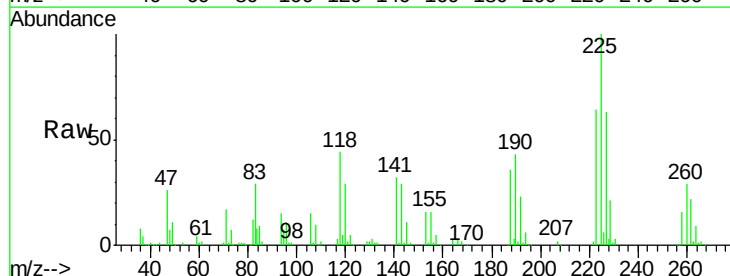
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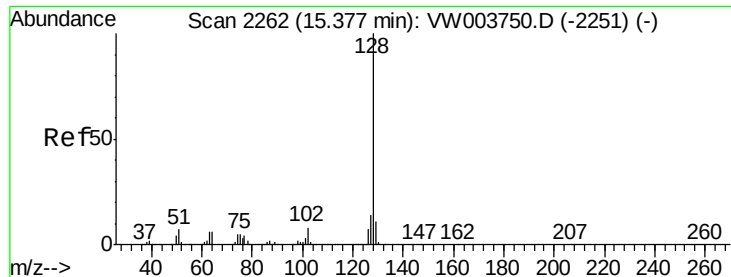
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 7/11/2018 1:00:16 PM



#94
 Hexachlorobutadiene
 Concen: 20.94 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW003845.D
 Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.6	97.7
227	63.5	32.5	97.5





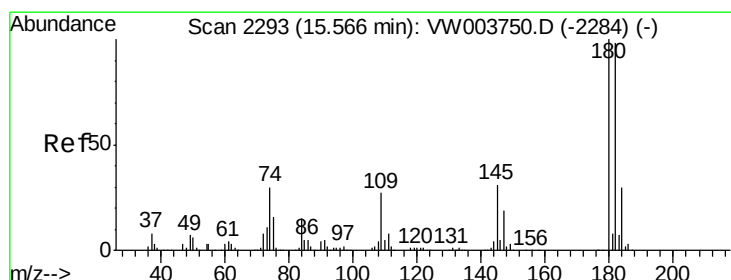
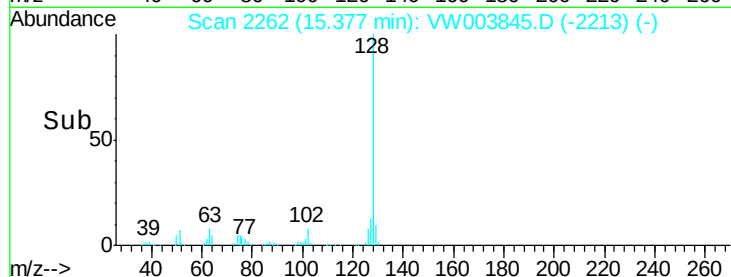
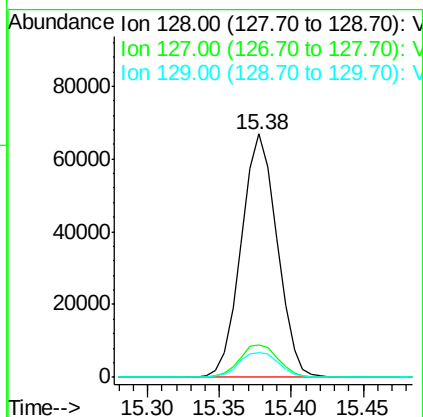
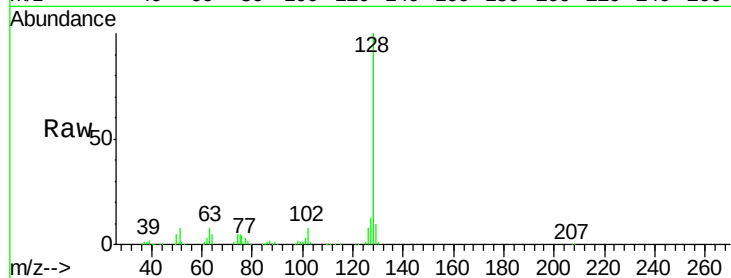
#95
Naphthalene
Concen: 19.94 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.8	16.2
129	11.4	8.6	13.0

Manual Integrations
APPROVED

apatel
7/11/2018 1:00:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.58 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW003845.D
Acq: 11 Jul 2018 01:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.3
145	32.2	15.8	47.4

