

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006198.D
 Acq On : 19 Oct 2018 03:03
 Operator : VA/AP
 Sample : VW1018SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Manual Integrations
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 10/19/2018 12:54:17 PM

Quant Time: Oct 19 08:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107779	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	108342	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.33	98	405453	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.62	95	153967	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19043m	15.72	ug/l	
3) Chloromethane	2.21	50	27405	17.57	ug/l	100
4) Vinyl Chloride	2.37	62	41654	18.70	ug/l	98
5) Bromomethane	2.78	94	41367	20.42	ug/l	98
6) Chloroethane	2.93	64	30946	19.39	ug/l	98
7) Trichlorofluoromethane	3.26	101	34158	16.46	ug/l	98
8) Diethyl Ether	3.68	74	22459	20.37	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44285	20.37	ug/l	98
10) Methyl Iodide	4.26	142	74990	20.72	ug/l	100
11) Tert butyl alcohol	5.21	59	14141	103.59	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	41406	20.24	ug/l	95
13) Acrolein	3.90	56	13380	101.29	ug/l	94
14) Allyl chloride	4.67	41	57241	19.57	ug/l	99
15) Acrylonitrile	5.37	53	45267	114.45	ug/l	99
16) Acetone	4.14	43	40317	96.80	ug/l	96
17) Carbon Disulfide	4.38	76	106528	17.25	ug/l	95
18) Methyl Acetate	4.68	43	24254	23.74	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	67777	21.75	ug/l	95
20) Methylene Chloride	4.92	84	52633	23.65	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	48984	21.45	ug/l	97
22) Diisopropyl ether	6.32	45	125886	21.78	ug/l	99
23) Vinyl Acetate	6.26	43	354582	103.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81221	21.78	ug/l	99
25) 2-Butanone	7.18	43	60240	109.86	ug/l	99
26) 2,2-Dichloropropane	7.17	77	47231	17.95	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56294	22.34	ug/l	98
28) Bromochloromethane	7.51	49	27782	19.29	ug/l	99
29) Tetrahydrofuran	7.54	42	37153	110.23	ug/l	99
30) Chloroform	7.68	83	90558	22.29	ug/l	98
31) Cyclohexane	7.95	56	71815	19.34	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74332	20.28	ug/l	98
36) 1,1-Dichloropropene	8.09	75	67883	20.45	ug/l	100
37) Ethyl Acetate	7.26	43	26623	21.59	ug/l	99
38) Carbon Tetrachloride	8.07	117	69694	19.16	ug/l	99

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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)
39) Methylcyclohexane	9.34	83	86136	19.53	ug/l	98
40) Benzene	8.32	78	194538	21.37	ug/l	100
41) Methacrylonitrile	7.49	41	15264	20.54	ug/l	94
42) 1,2-Dichloroethane	8.40	62	59139	22.11	ug/l	100
43) Isopropyl Acetate	8.43	43	52017	20.63	ug/l	99
44) Trichloroethene	9.09	130	60122	21.53	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47152	21.65	ug/l	97
46) Dibromomethane	9.46	93	27478	22.13	ug/l	98
47) Bromodichloromethane	9.65	83	60293	20.03	ug/l	100
48) Methyl methacrylate	9.44	41	24994	20.91	ug/l	92
49) 1,4-Dioxane	9.47	88	8931	467.26	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	137447	108.81	ug/l	99
52) Toluene	10.39	92	130030	21.31	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56761	18.93	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	67847	19.71	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38221	22.00	ug/l	97
56) Ethyl methacrylate	10.65	69	45213	21.23	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63837	22.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	90814	111.58	ug/l	99
59) 2-Hexanone	10.98	43	93144	103.30	ug/l	98
60) Dibromochloromethane	11.13	129	42654	19.71	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38157	21.98	ug/l	100
64) Tetrachloroethene	10.87	164	56222	21.71	ug/l	98
65) Chlorobenzene	11.66	112	153880	21.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52043	20.51	ug/l	99
67) Ethyl Benzene	11.74	91	264013	21.33	ug/l	99
68) m/p-Xylenes	11.84	106	204628	41.83	ug/l	99
69) o-Xylene	12.17	106	99265	21.29	ug/l	98
70) Styrene	12.18	104	161952	21.36	ug/l	100
71) Bromoform	12.35	173	25558	18.05	ug/l #	99
73) Isopropylbenzene	12.47	105	275408	20.92	ug/l	100
74) N-amyl acetate	12.28	43	52133	20.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43466	21.71	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28664m	20.14	ug/l	
77) Bromobenzene	12.75	156	68426	21.22	ug/l	99
78) n-propylbenzene	12.81	91	320053	20.90	ug/l	100
79) 2-Chlorotoluene	12.90	91	184046	21.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	233801	21.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9347	15.70	ug/l	86
82) 4-Chlorotoluene	12.99	91	193772	21.49	ug/l	99
83) tert-Butylbenzene	13.21	119	206927	20.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	238204	21.21	ug/l	99
85) sec-Butylbenzene	13.39	105	290709	20.72	ug/l	100
86) p-Isopropyltoluene	13.51	119	264398	20.84	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137482	21.42	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138139	21.62	ug/l	100
89) n-Butylbenzene	13.83	91	239829	20.67	ug/l	100
90) Hexachloroethane	14.10	117	38527	17.93	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	124834	21.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6667	18.60	ug/l	94

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ClientSampleId :
VW1018SBS02

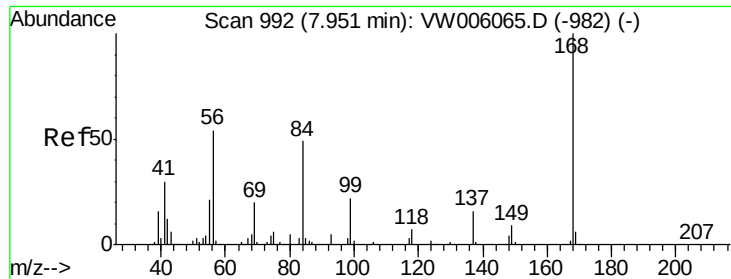
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94082	21.36	ug/l	100
94) Hexachlorobutadiene	15.24	225	57281	20.70	ug/l	99
95) Naphthalene	15.38	128	160589	21.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	83772	21.99	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 168 Resp: 244832

Ion Ratio Lower Upper

168 100

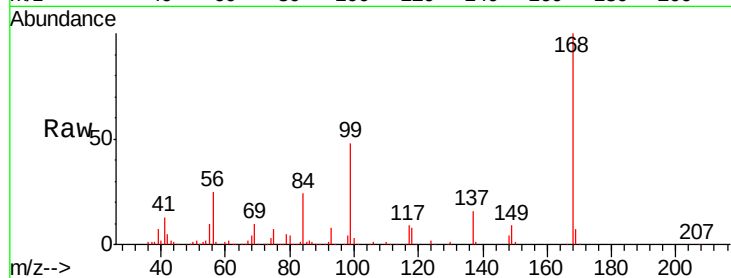
99 47.7 39.9 59.9

Manual Integrations

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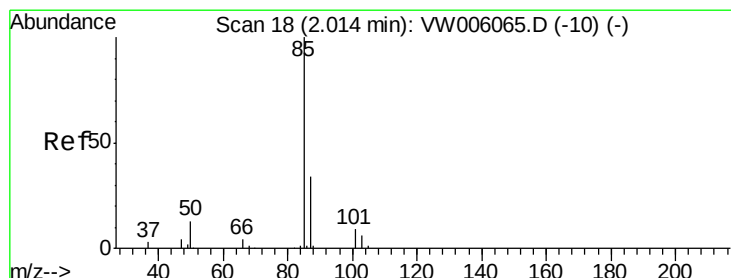
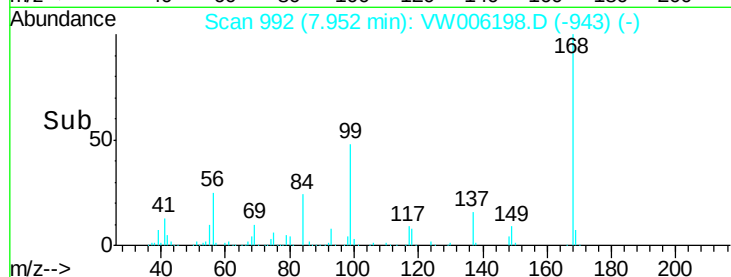
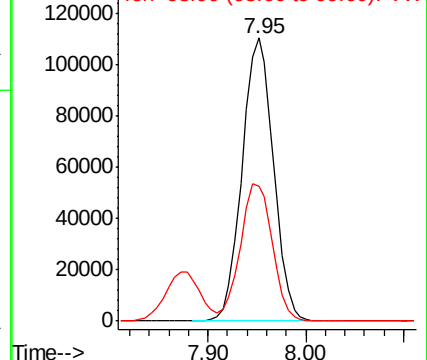
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 15.72 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006198.D

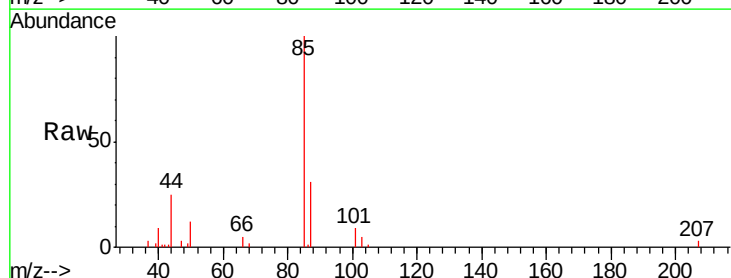
Acq: 19 Oct 2018 03:03

Tgt Ion: 85 Resp: 19043

Ion Ratio Lower Upper

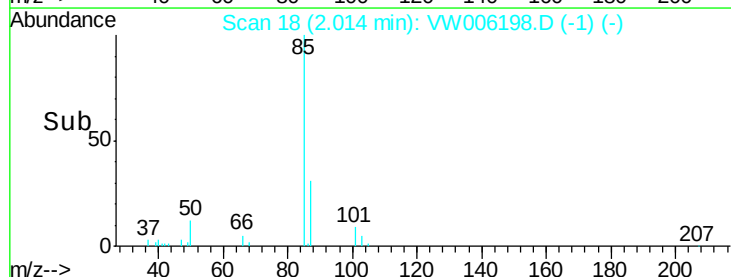
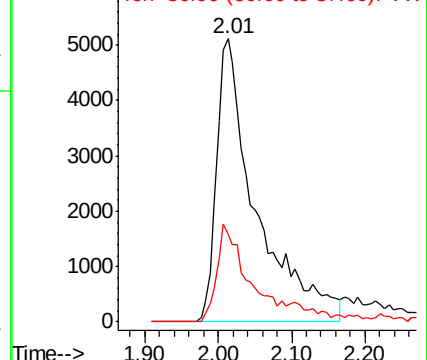
85 100

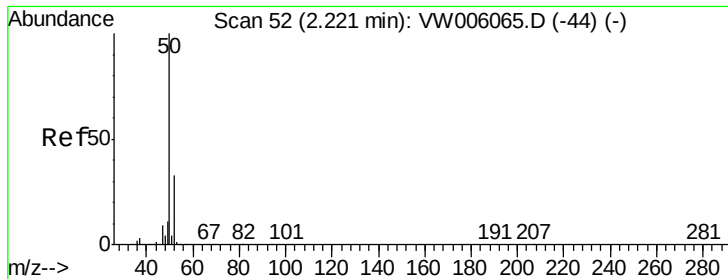
87 30.8 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 17.57 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

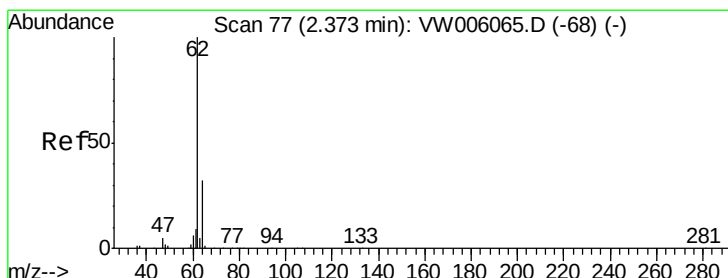
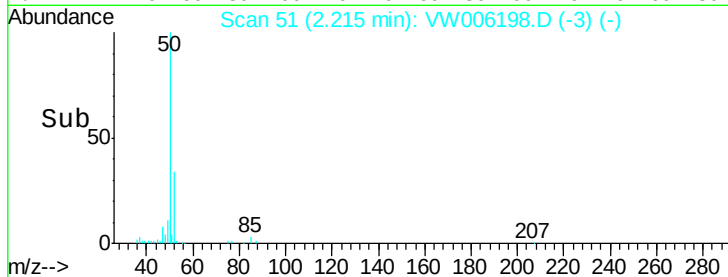
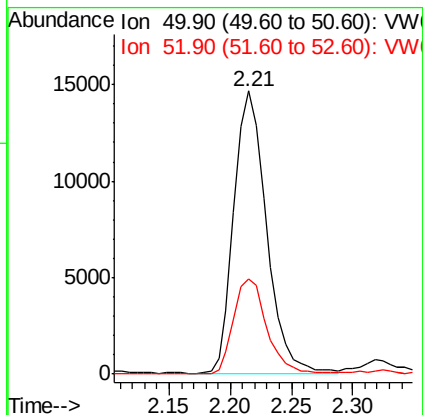
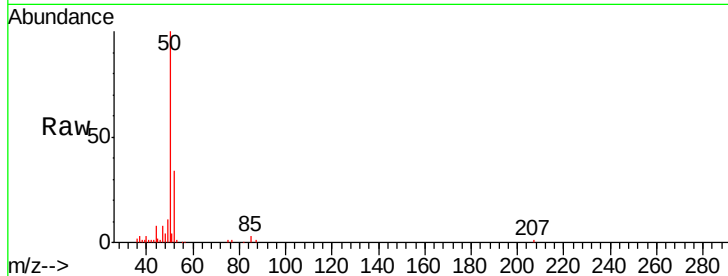
ClientSampleId :

VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.8	40.2

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#4

Vinyl Chloride

Concen: 18.70 ug/l

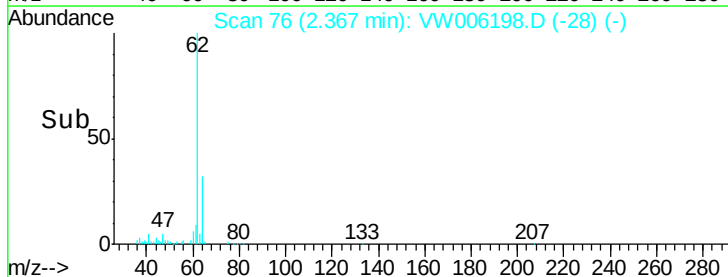
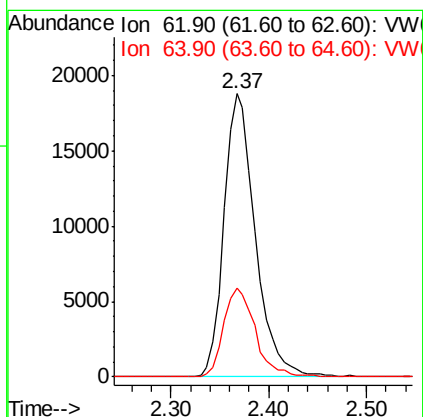
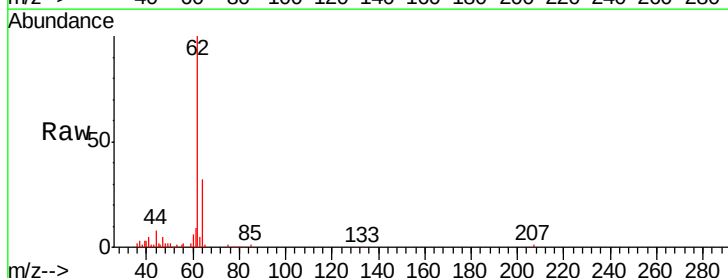
RT: 2.37 min Scan# 76

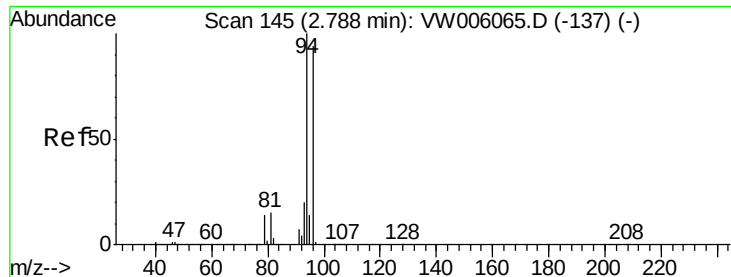
Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.9	38.9





#5

Bromomethane

Concen: 20.42 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 94 Resp: 41367

Ion Ratio Lower Upper

94 100

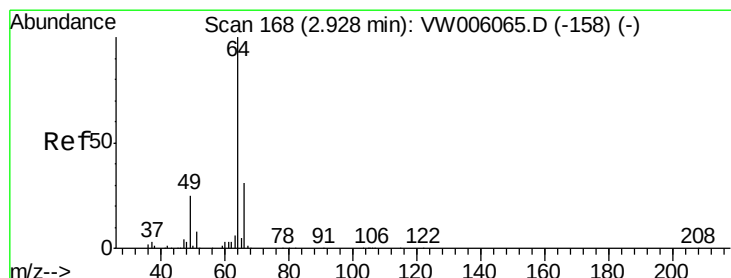
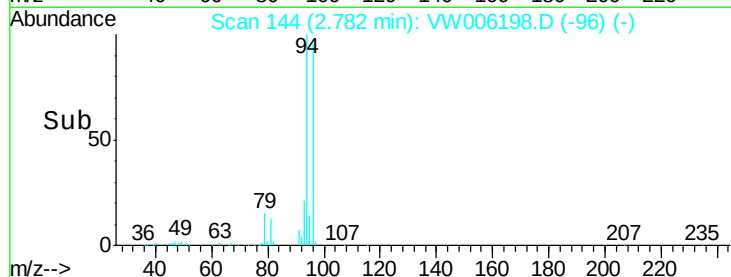
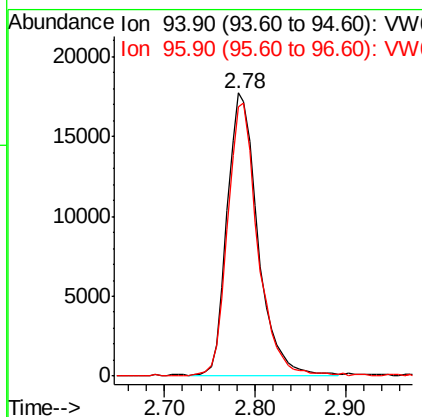
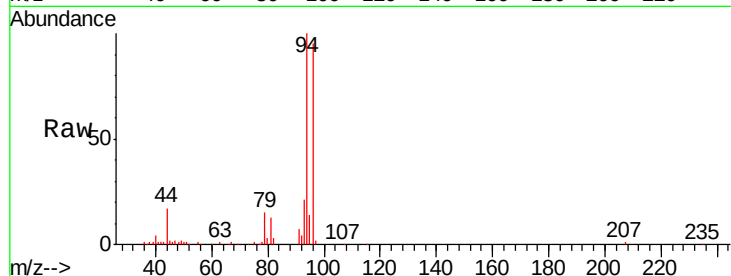
96 95.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 19.39 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006198.D

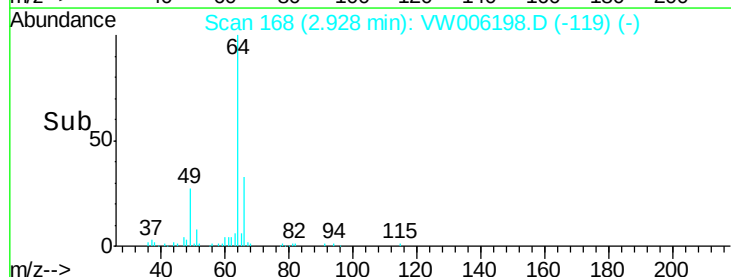
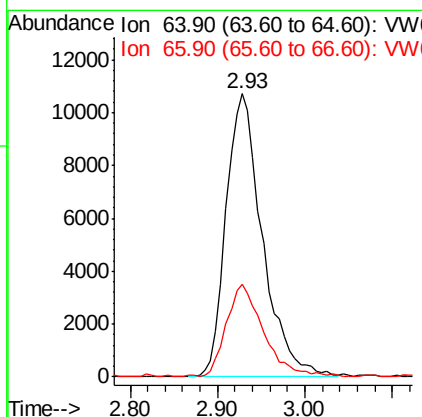
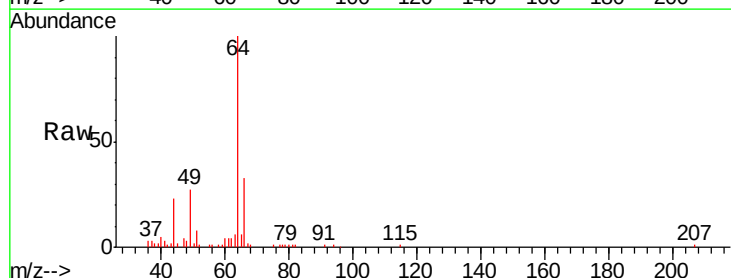
Acq: 19 Oct 2018 03:03

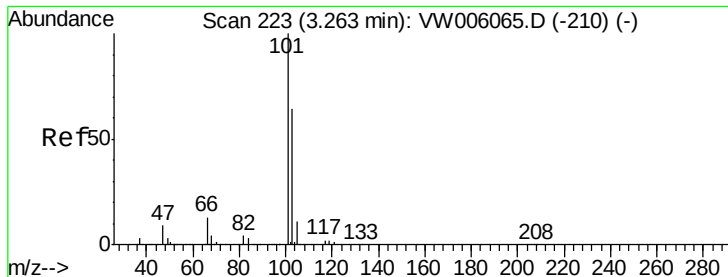
Tgt Ion: 64 Resp: 30946

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3





#7

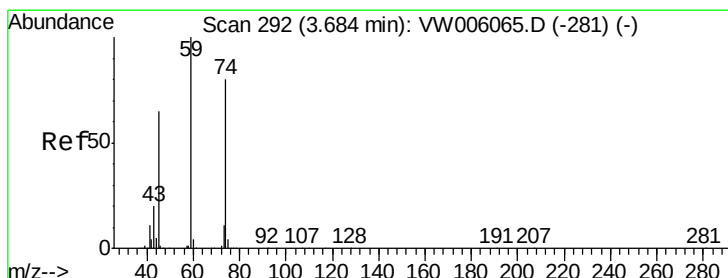
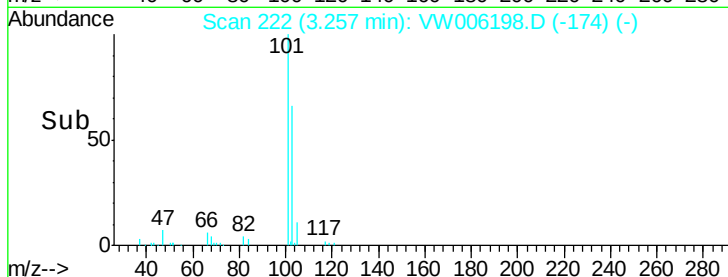
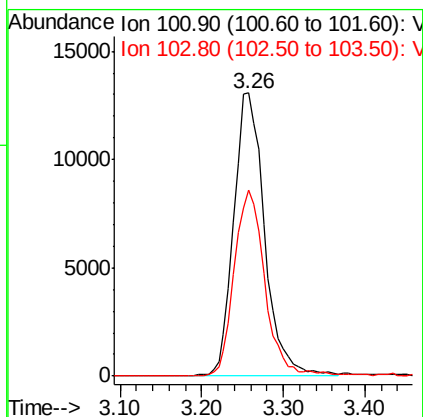
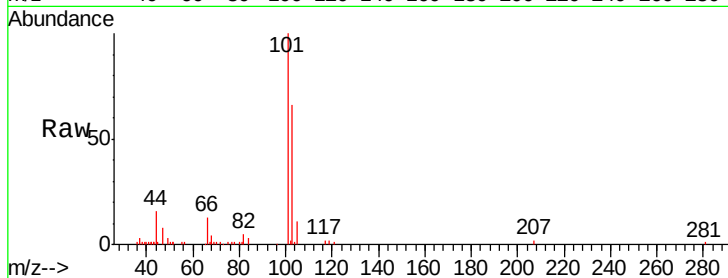
Trichlorofluoromethane
Concen: 16.46 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

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ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.2	76.8

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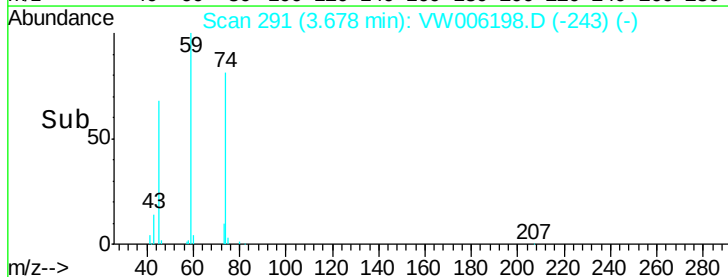
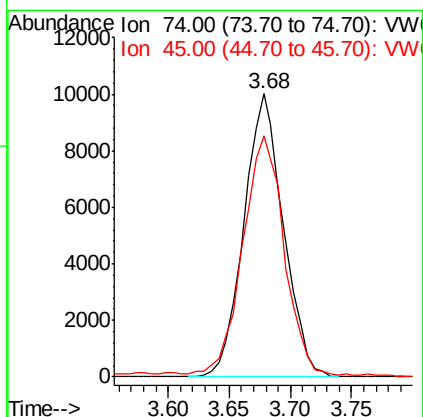
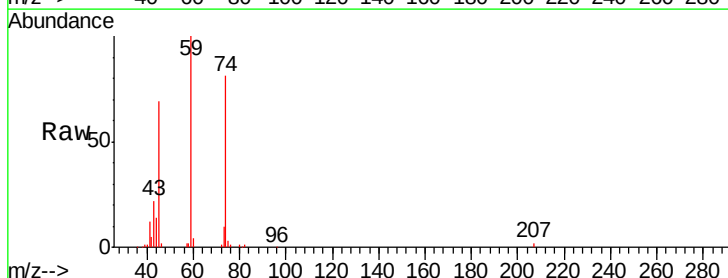
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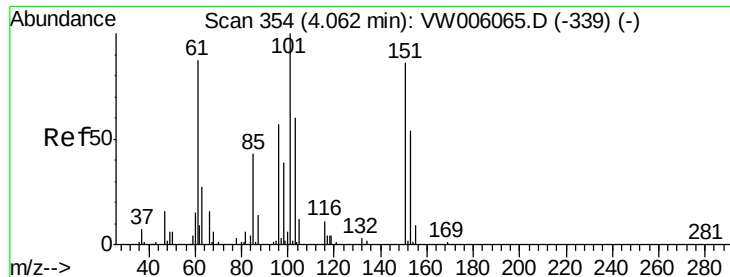


#8

Diethyl Ether
Concen: 20.37 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.5	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.37 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

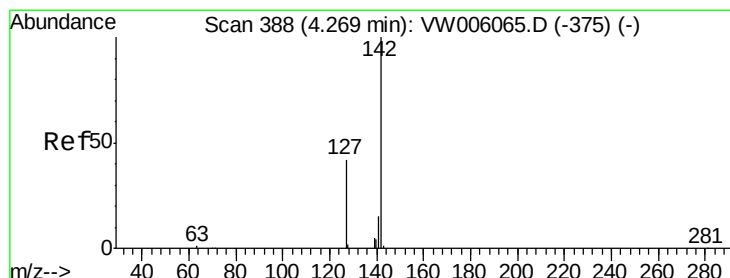
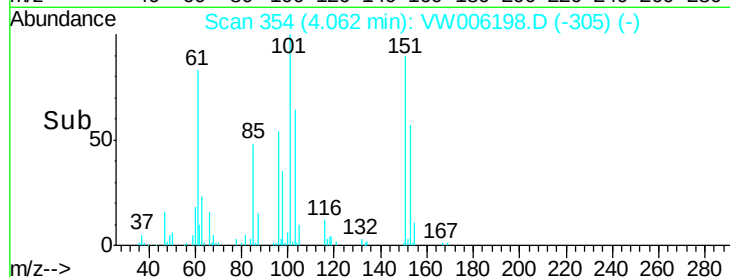
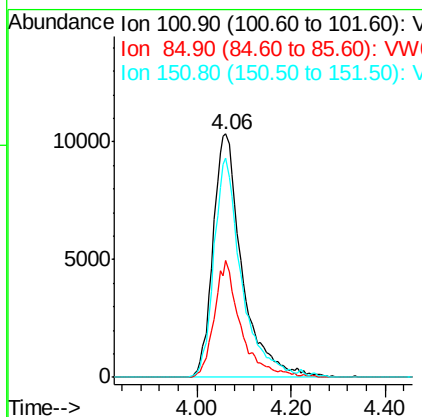
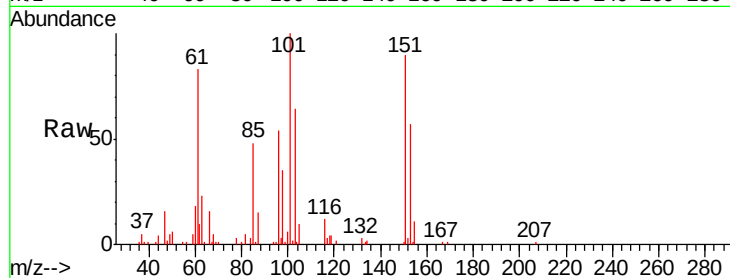
ClientSampleId :

VW1018SBS02

Tgt Ion:	101	Resp:	44285
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	84.9	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.72 ug/l

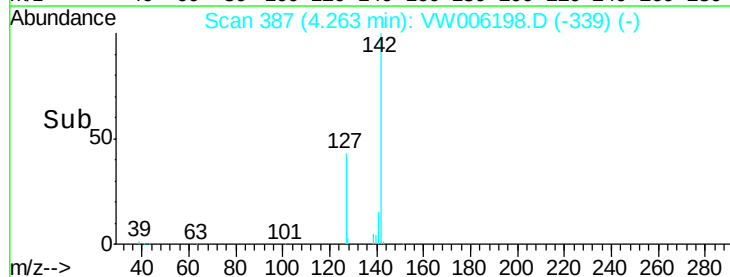
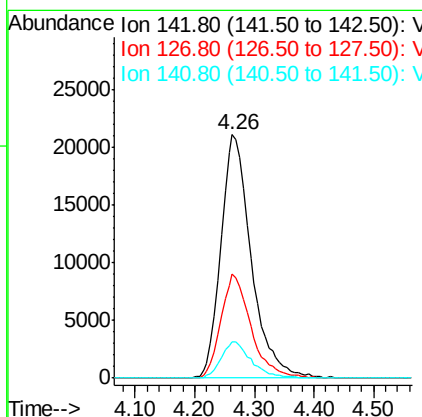
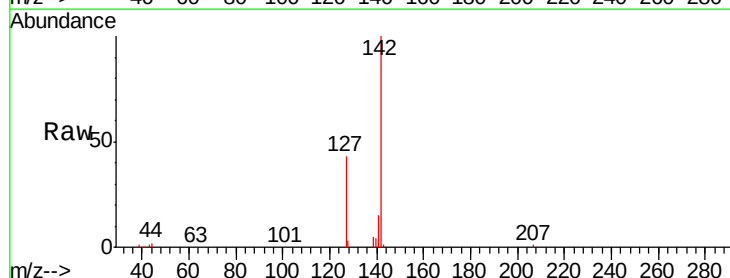
RT: 4.26 min Scan# 387

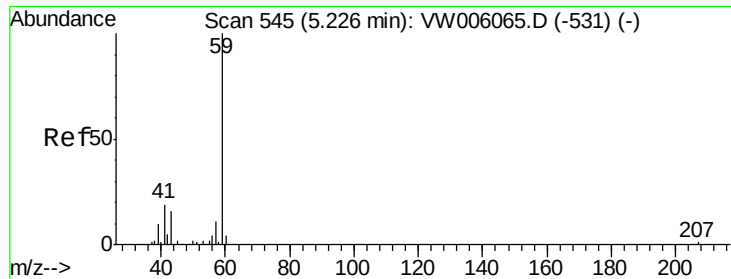
Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	142	Resp:	74990
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.6	50.4
141	14.8	11.6	17.4





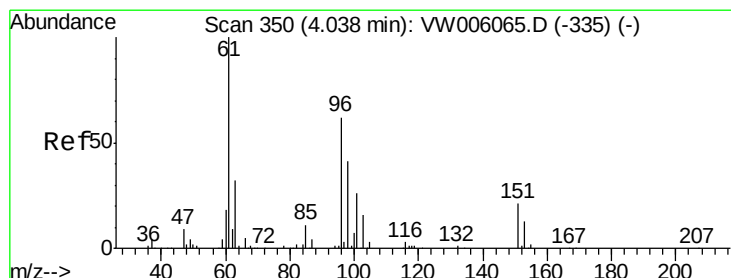
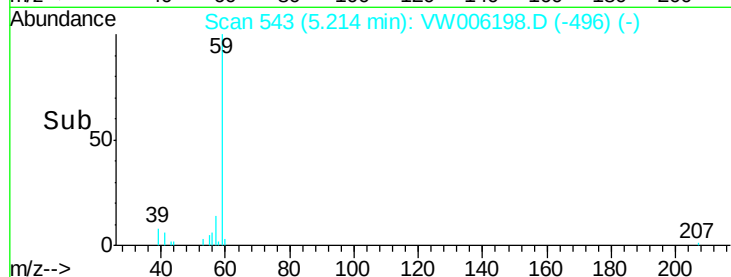
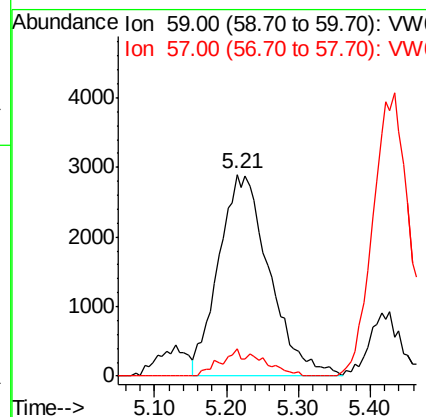
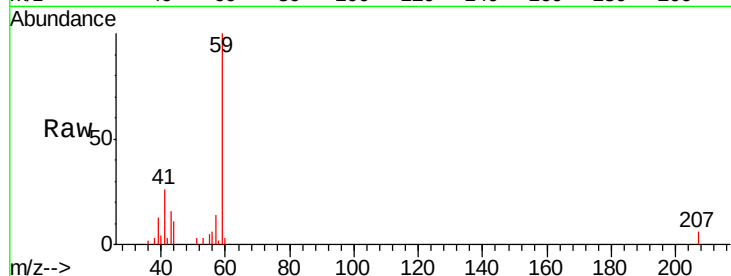
#11
Tert butyl alcohol
Concen: 103.59 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 59 Resp: 14141
Ion Ratio Lower Upper
59 100
57 6.1 8.7 13.1#

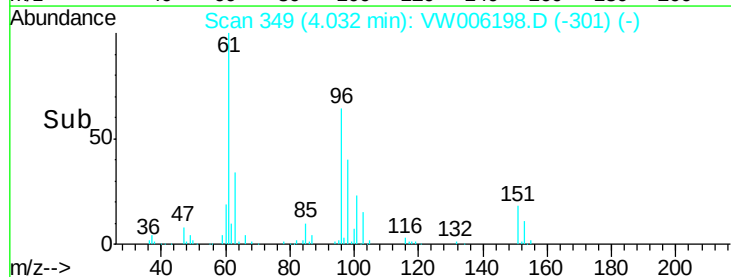
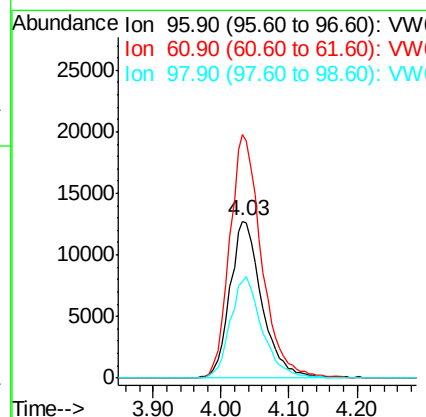
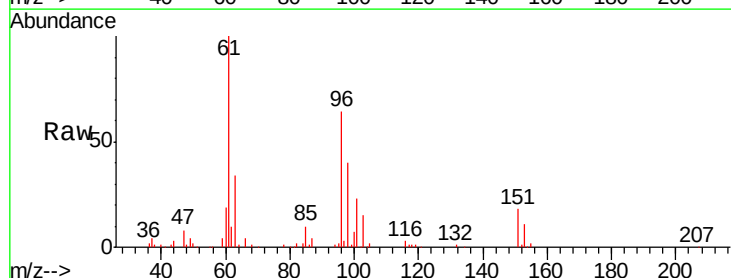
Manual Integrations
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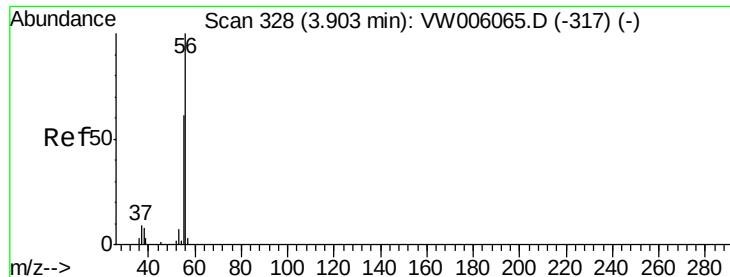
apatel
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#12
1,1-Dichloroethene
Concen: 20.24 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion: 96 Resp: 41406
Ion Ratio Lower Upper
96 100
61 155.3 129.3 193.9
98 61.4 53.1 79.7





#13

Acrolein

Concen: 101.29 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 56 Resp: 13380

Ion Ratio Lower Upper

56 100

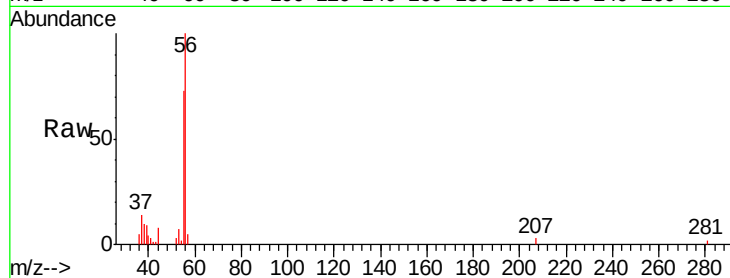
55 73.0 54.5 81.7

Manual Integrations

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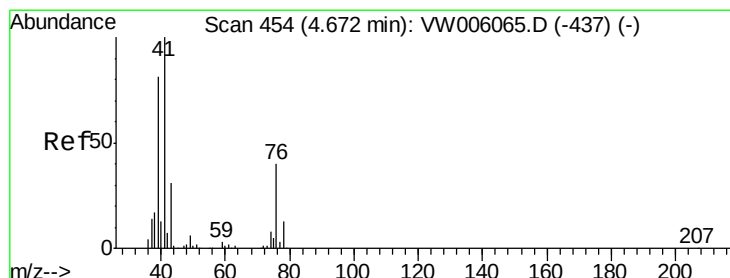
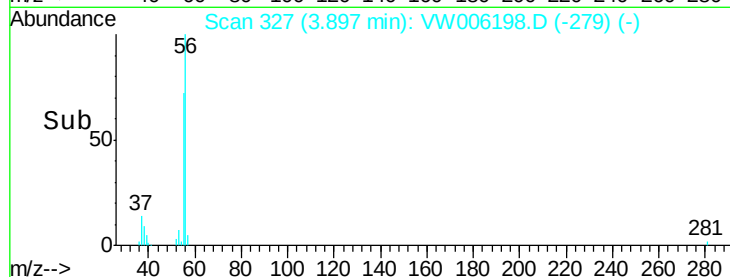
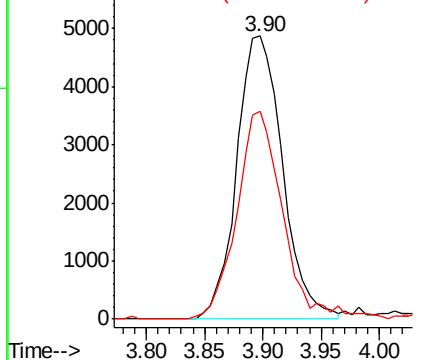
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.57 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

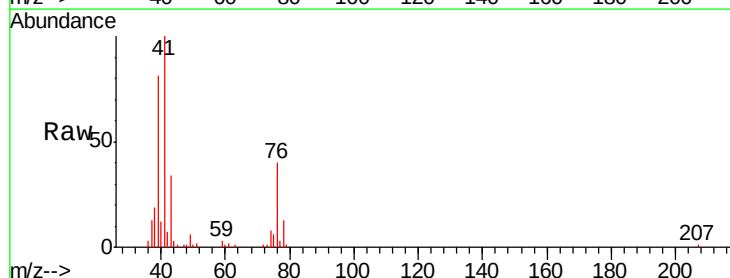
Tgt Ion: 41 Resp: 57241

Ion Ratio Lower Upper

41 100

39 81.2 64.1 96.1

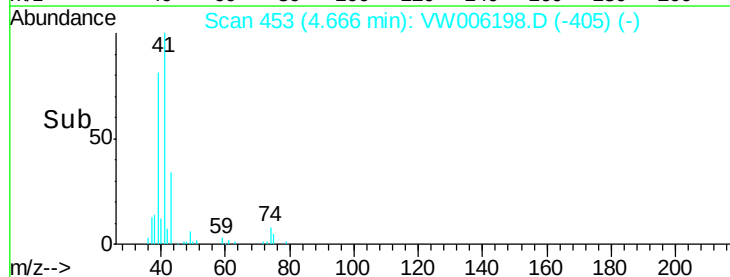
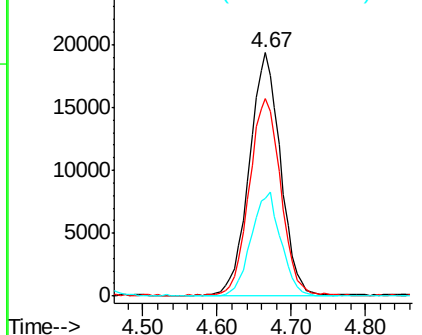
76 40.4 32.2 48.4

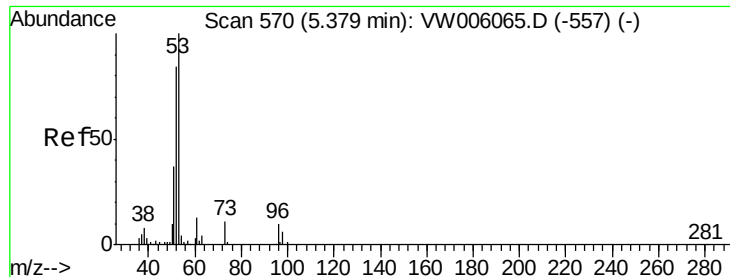


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 114.45 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

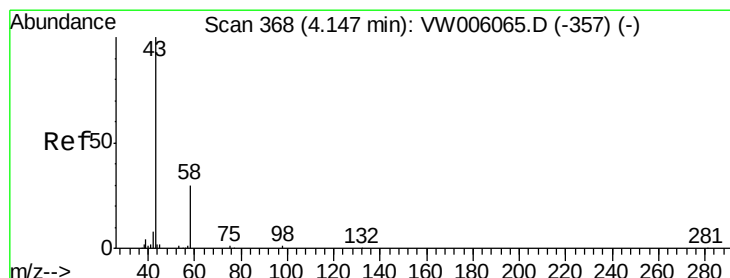
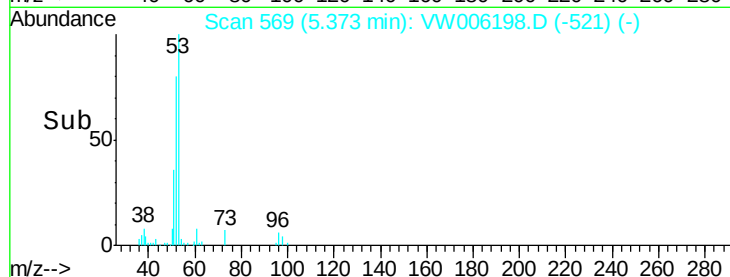
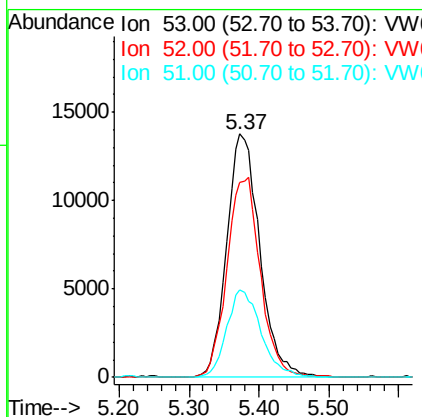
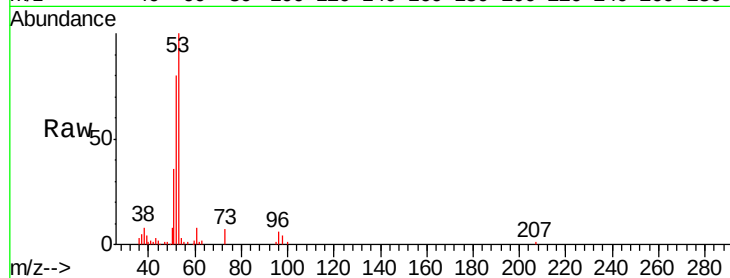
ClientSampleId :

VW1018SBS02

Tgt Ion:	53	Resp:	45267
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.9	100.3
51	37.3	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 96.80 ug/l

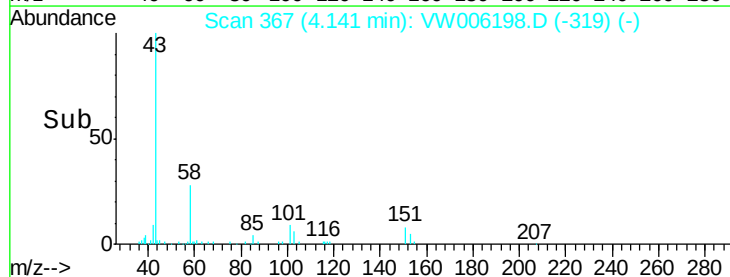
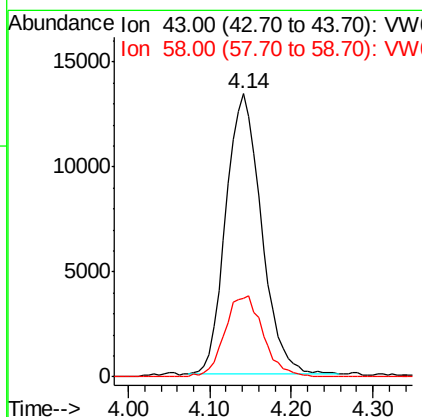
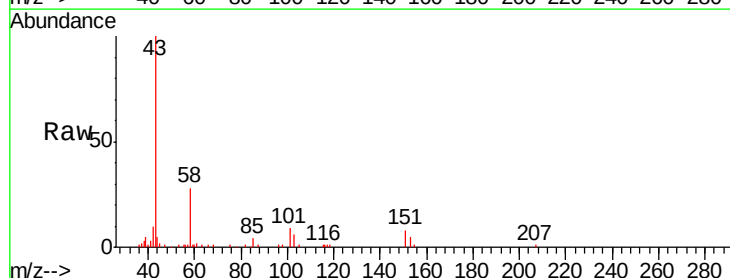
RT: 4.14 min Scan# 367

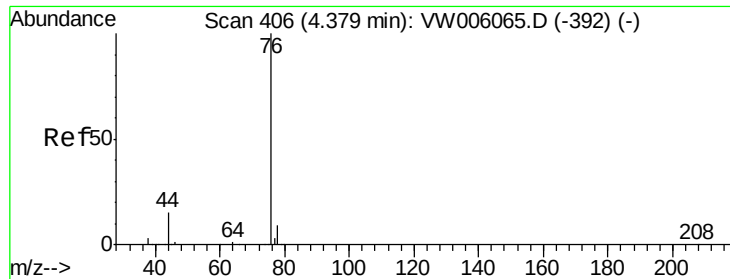
Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	43	Resp:	40317
Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.0	36.0





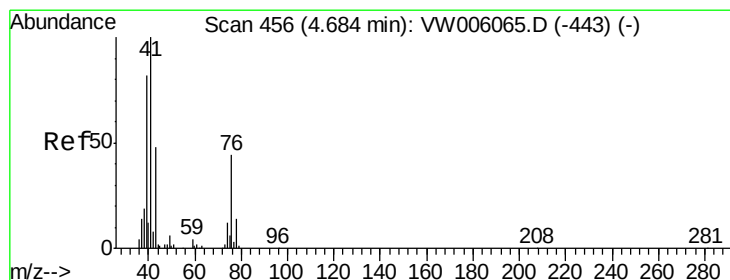
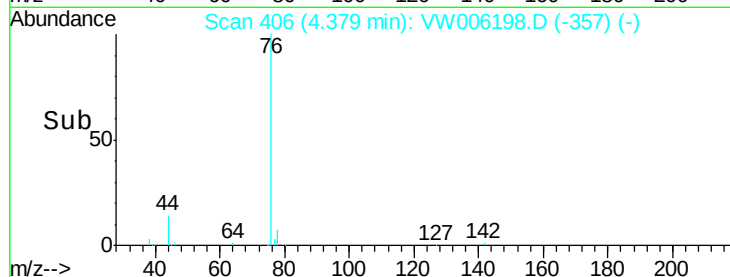
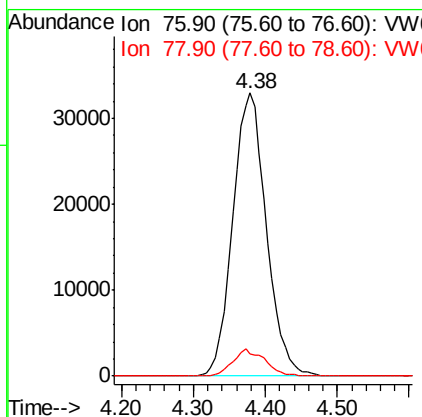
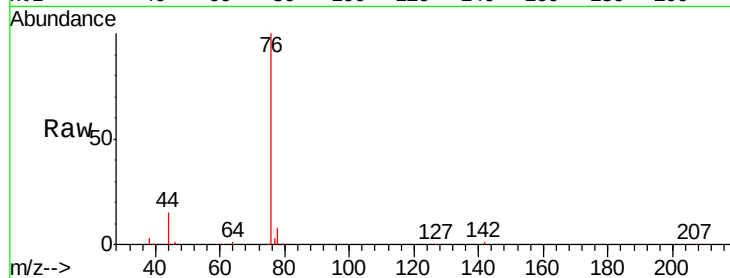
#17
Carbon Disulfide
Concen: 17.25 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	7.7	7.5	11.3

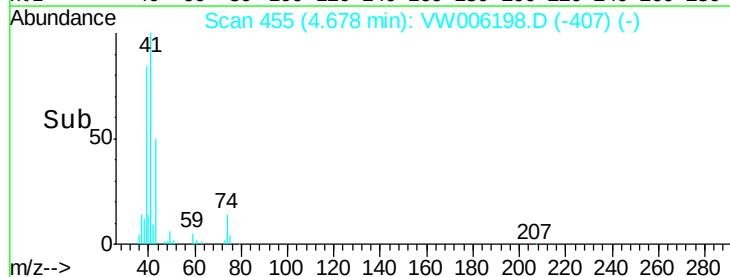
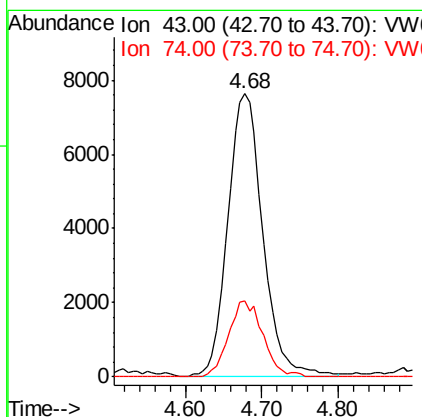
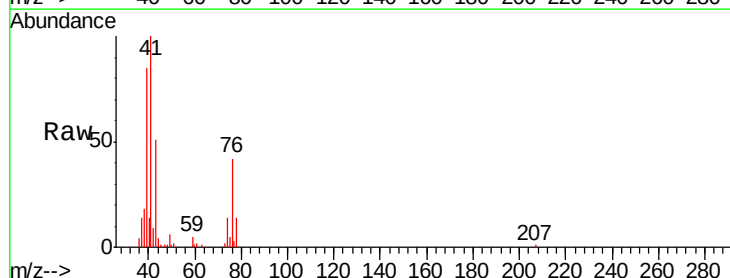
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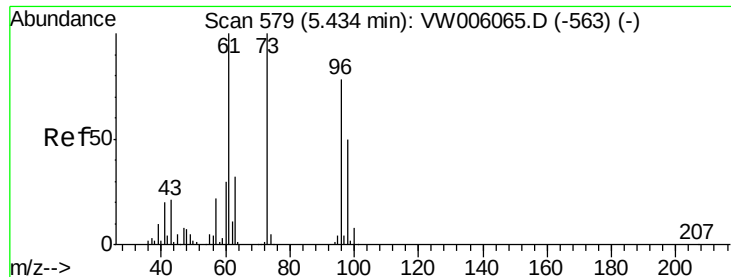
apatel
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#18
Methyl Acetate
Concen: 23.74 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	20.5	30.7





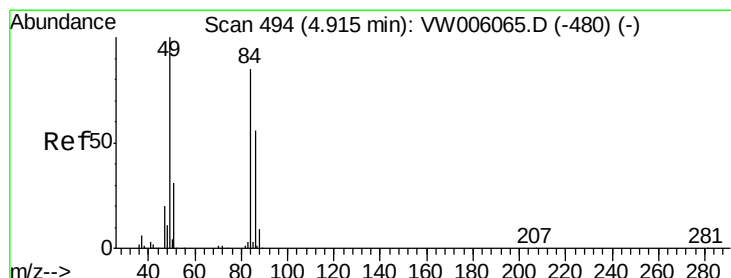
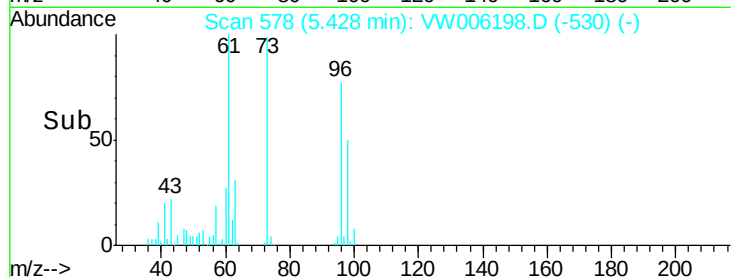
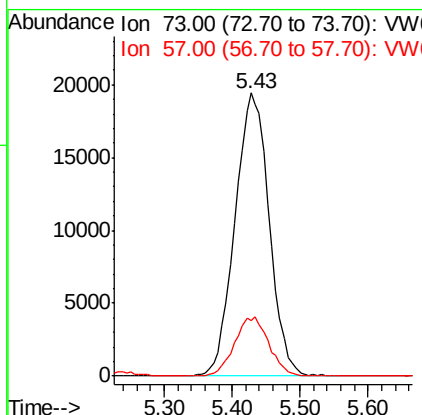
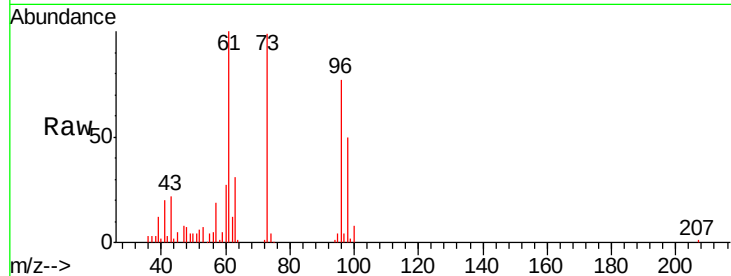
#19
Methyl tert-butyl Ether
Concen: 21.75 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 73 Resp: 67777
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.2

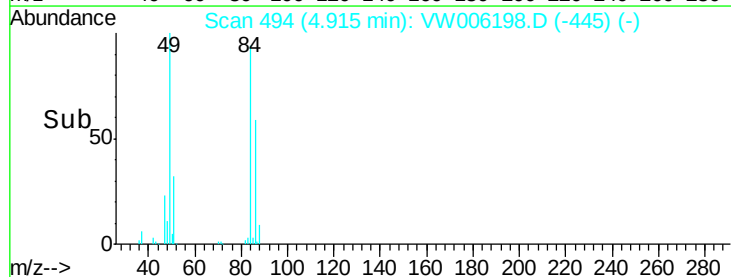
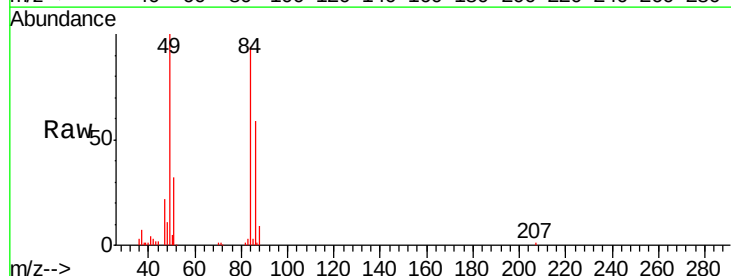
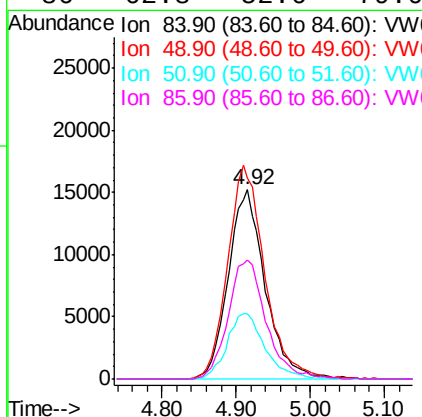
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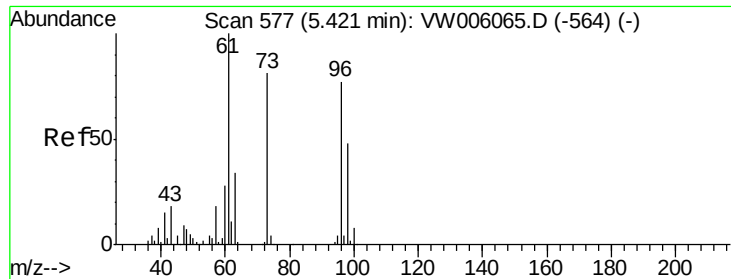
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#20
Methylene Chloride
Concen: 23.65 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion: 84 Resp: 52633
Ion Ratio Lower Upper
84 100
49 106.6 93.6 140.4
51 34.4 29.0 43.4
86 62.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 21.45 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

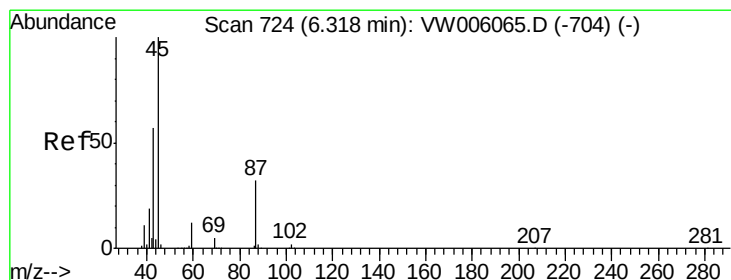
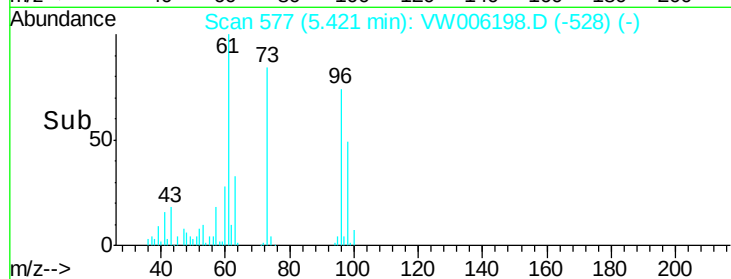
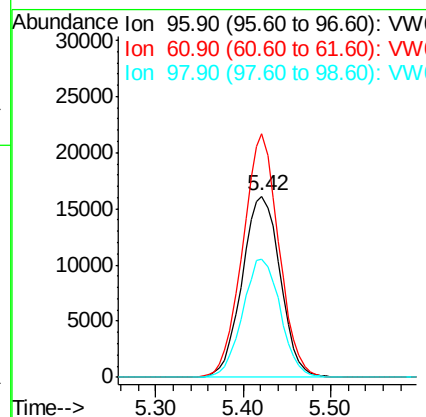
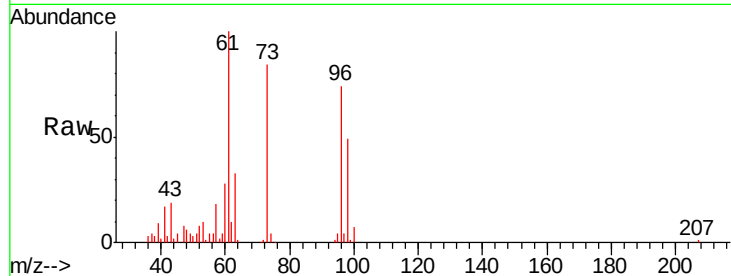
ClientSampleId :

VW1018SBS02

Tgt Ion:	96	Resp:	48984
Ion	Ratio	Lower	Upper
96	100		
61	134.6	104.5	156.7
98	65.4	50.6	75.8

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#22

Diisopropyl ether

Concen: 21.78 ug/l

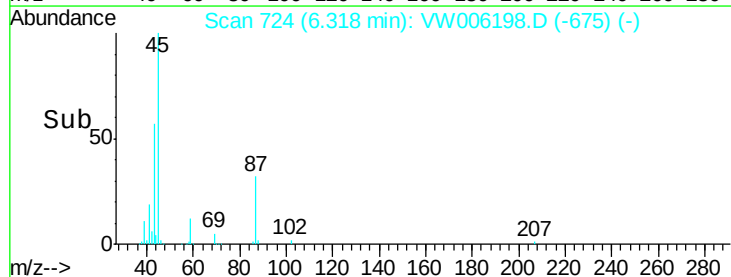
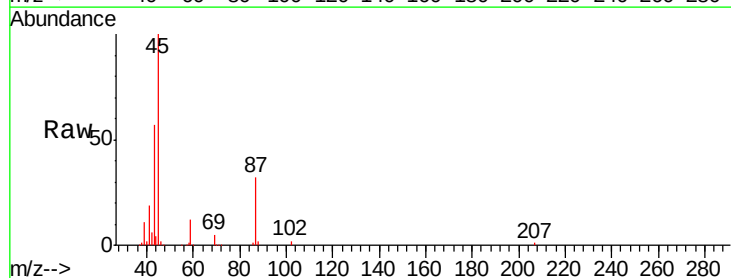
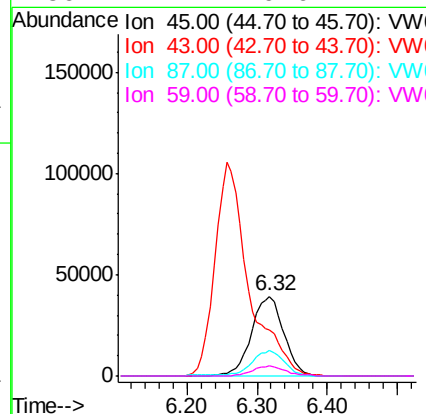
RT: 6.32 min Scan# 724

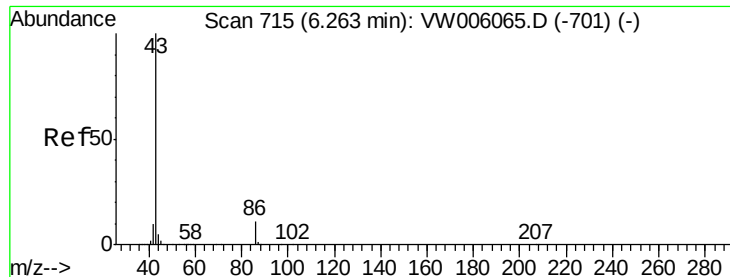
Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	45	Resp:	125886
Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.7	68.5
87	31.7	25.9	38.9
59	12.4	9.6	14.4





#23

Vinyl Acetate

Concen: 103.95 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 43 Resp: 354582

Ion Ratio Lower Upper

43 100

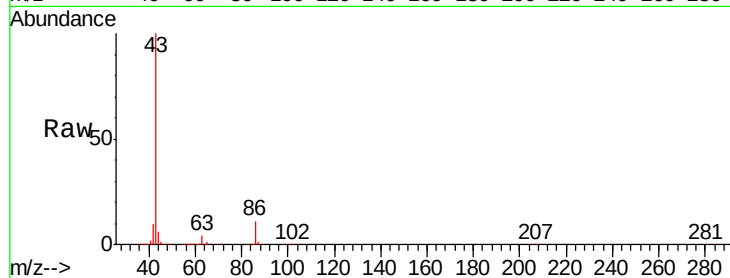
86 11.2 9.0 13.6

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

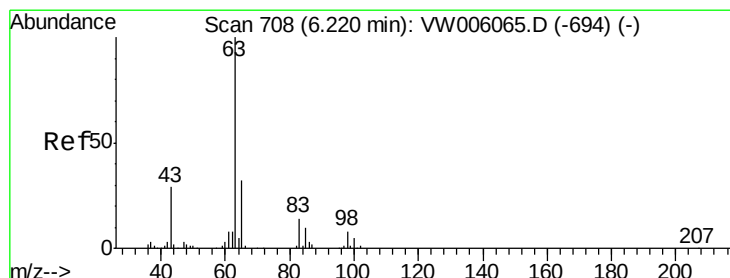
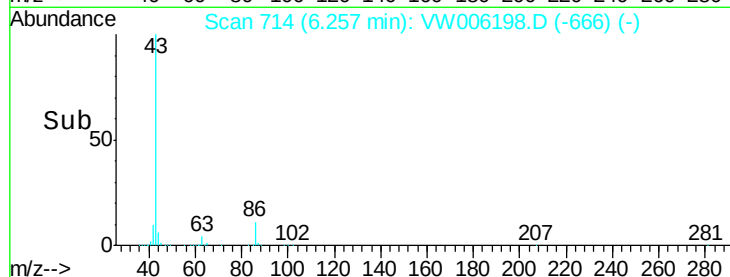
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.78 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

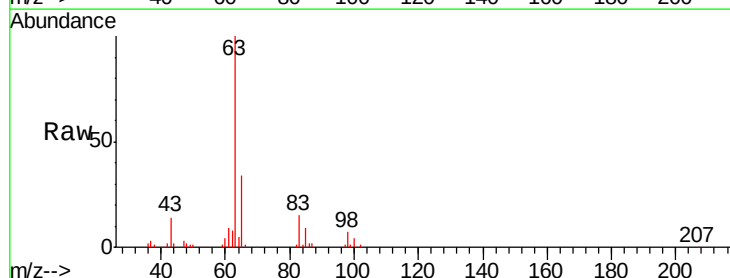
Tgt Ion: 63 Resp: 81221

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.5 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

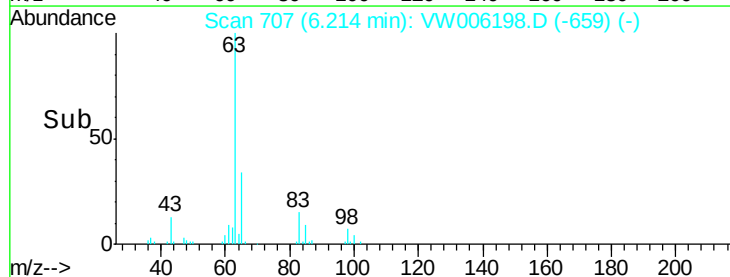
30000

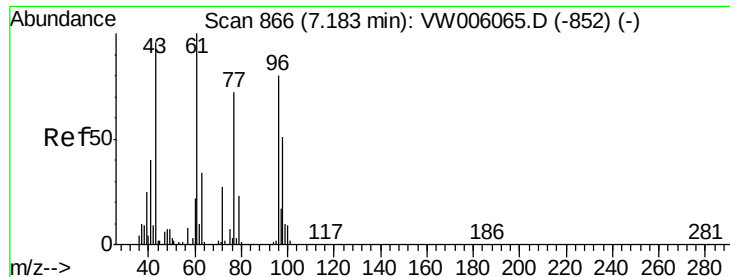
20000

10000

0

Time-->





#25

2-Butanone

Concen: 109.86 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampled :

VW1018SBS02

Tgt Ion: 43 Resp: 60240

Ion Ratio Lower Upper

43 100

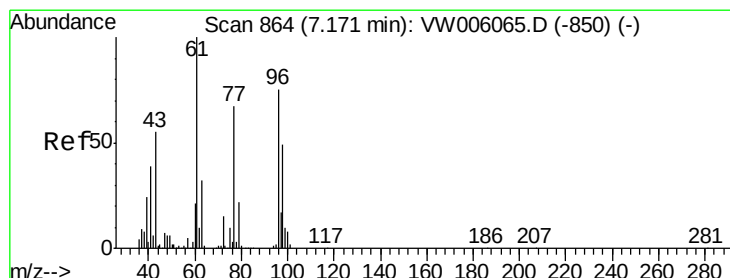
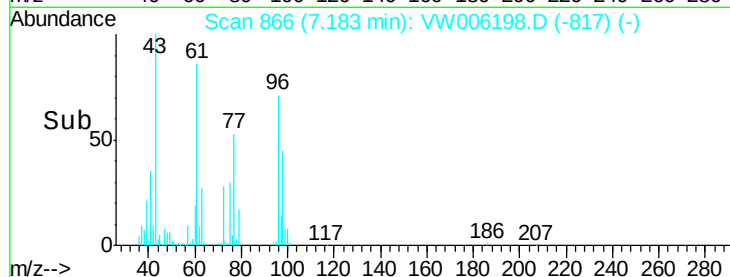
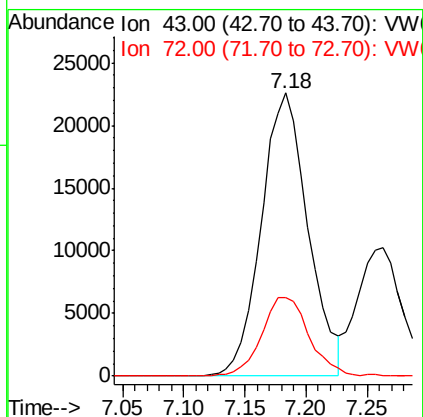
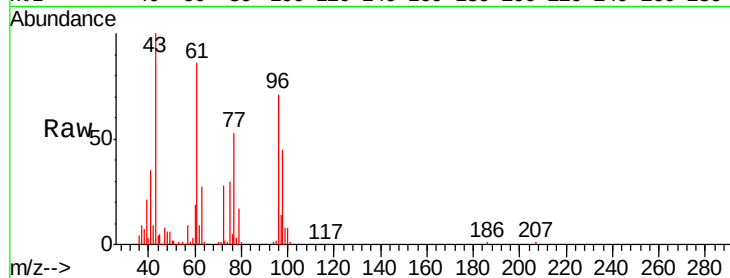
72 27.9 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 17.95 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006198.D

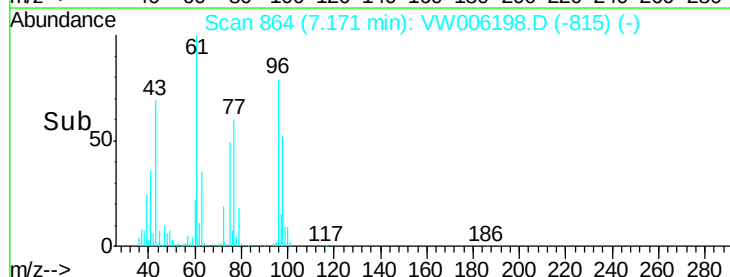
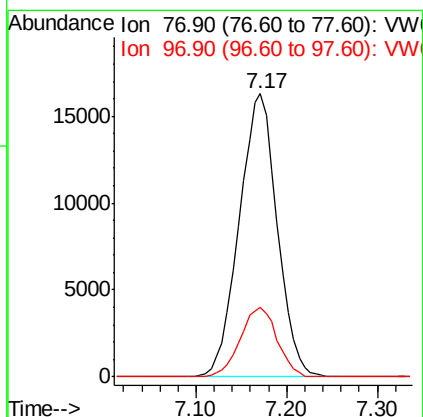
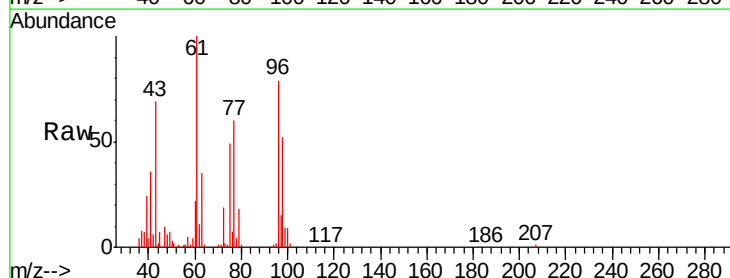
Acq: 19 Oct 2018 03:03

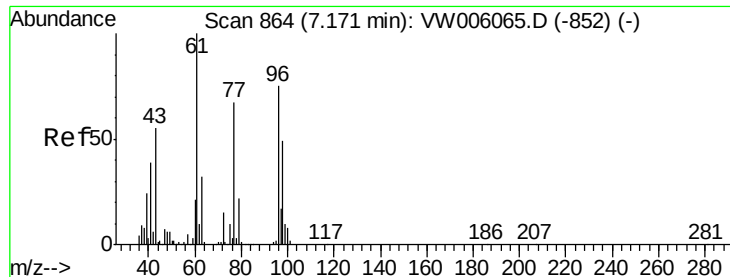
Tgt Ion: 77 Resp: 47231

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.4





#27

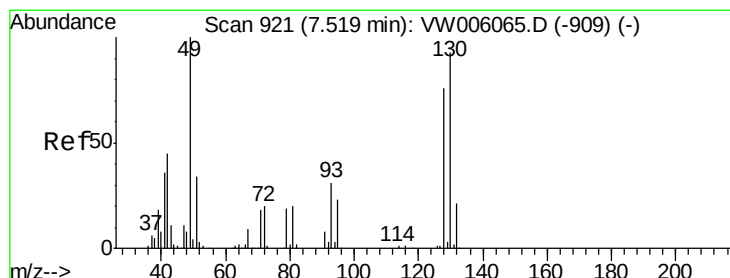
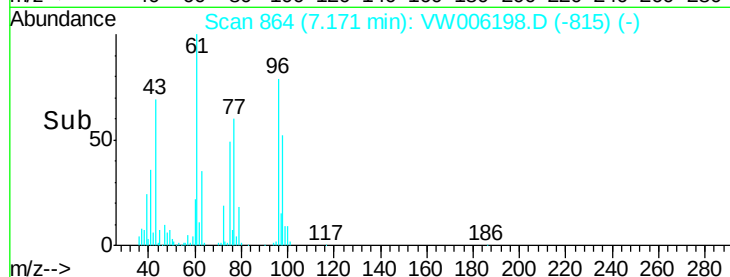
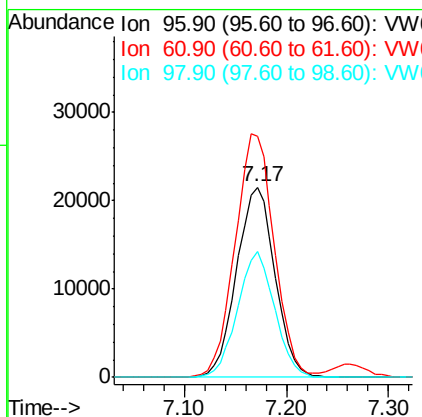
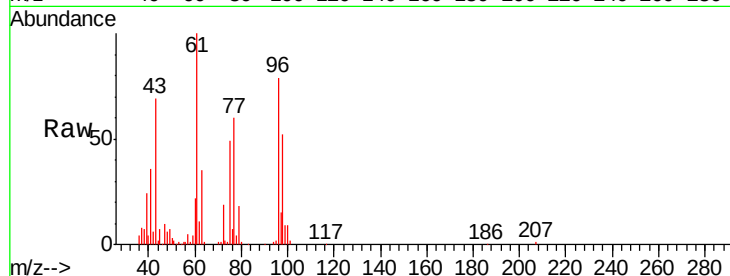
cis-1,2-Dichloroethene
Concen: 22.34 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	267.2
98	63.9	0.0	128.6

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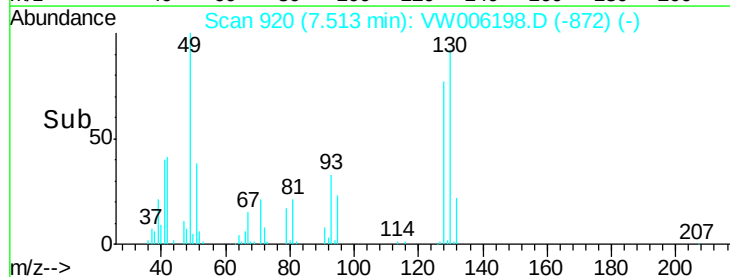
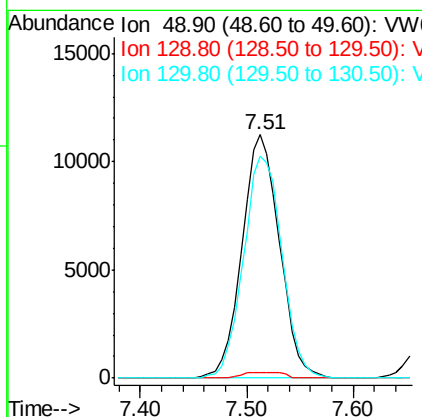
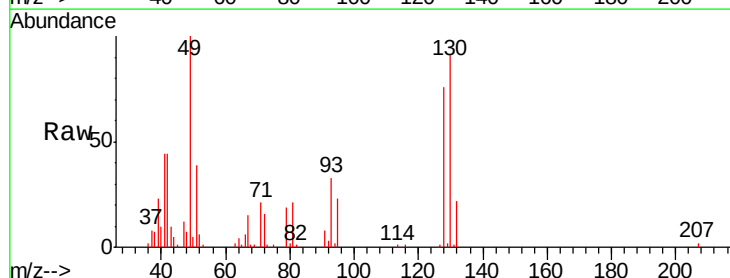
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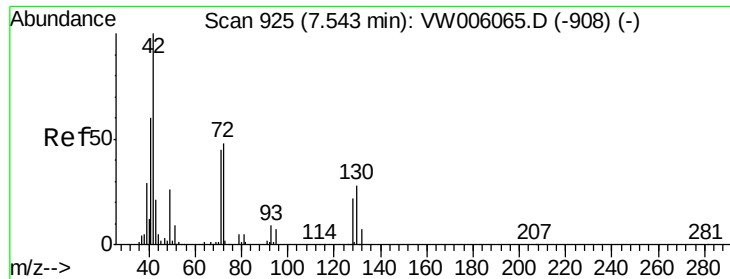


#28

Bromochloromethane
Concen: 19.29 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	93.7	73.8	110.8





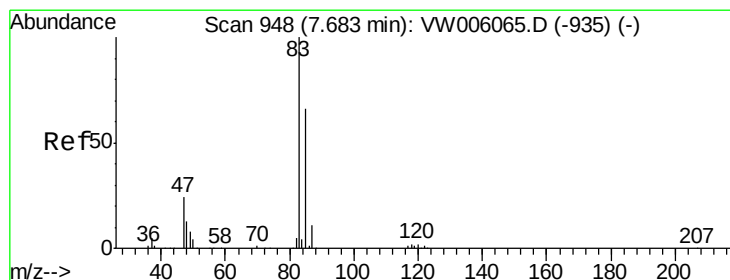
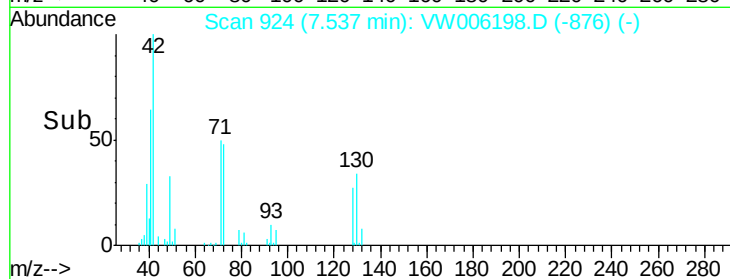
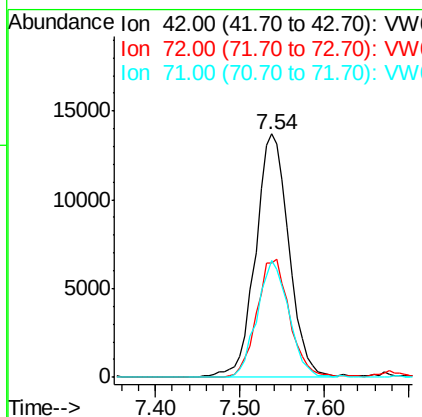
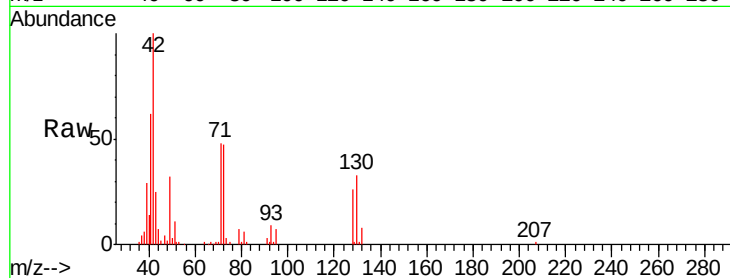
#29
Tetrahydrofuran
Concen: 110.23 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.0	57.0
71	45.5	35.3	52.9

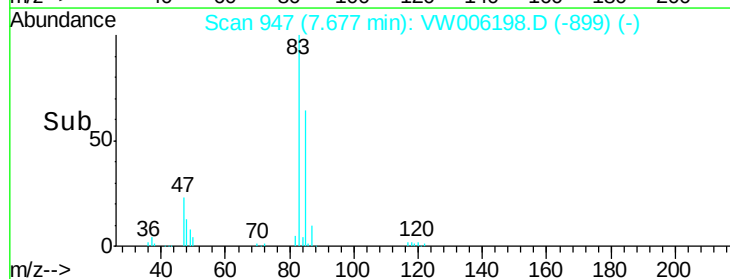
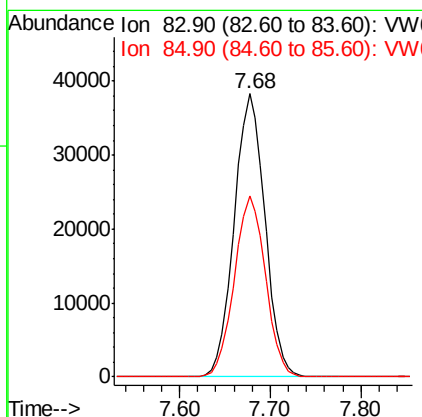
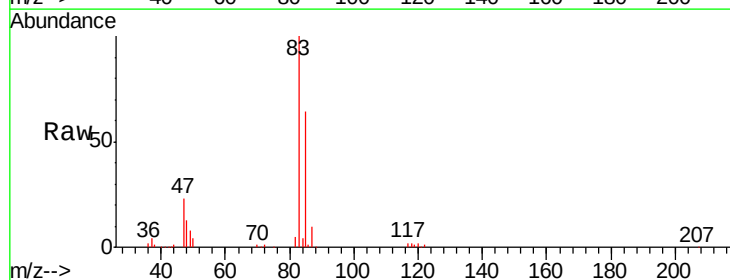
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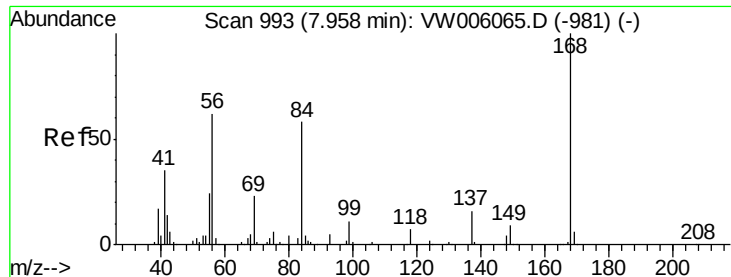
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#30
Chloroform
Concen: 22.29 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	79.0





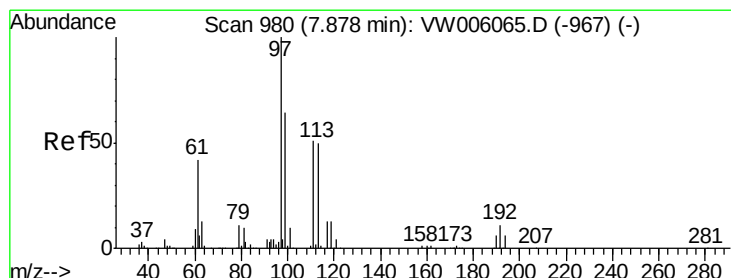
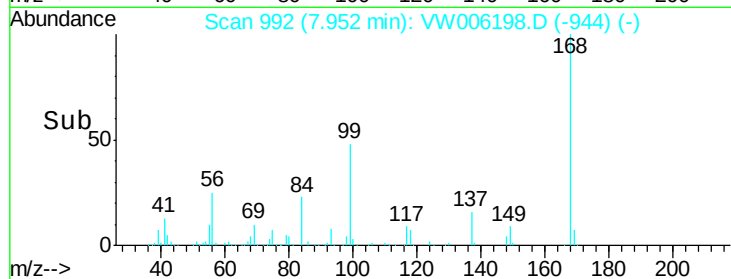
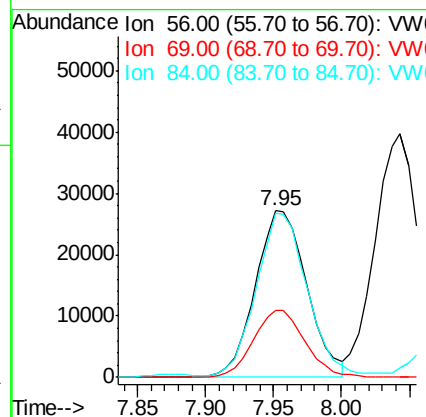
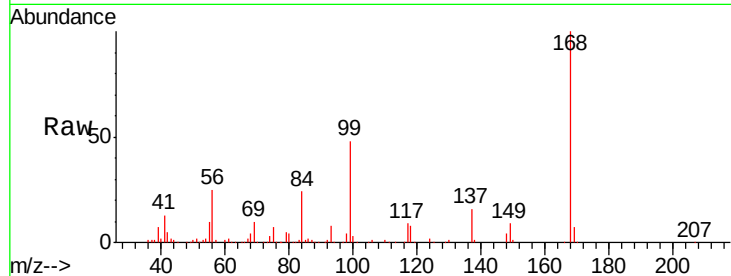
#31
Cyclohexane
Concen: 19.34 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.4	29.4	44.0
84	97.0	74.0	111.0

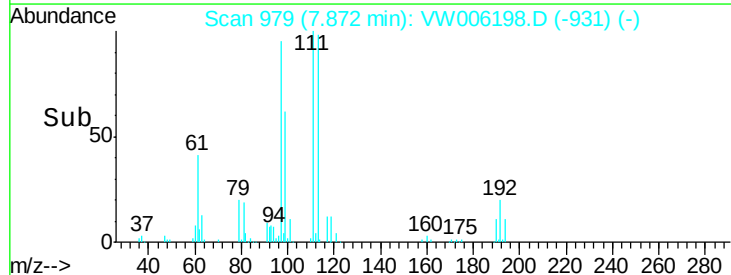
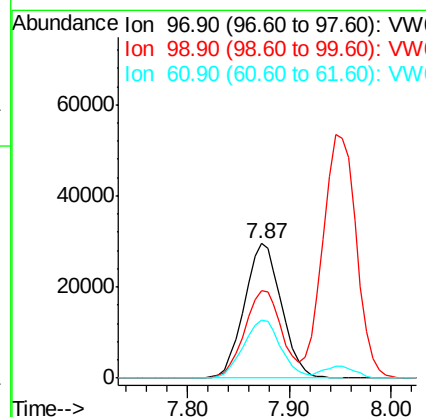
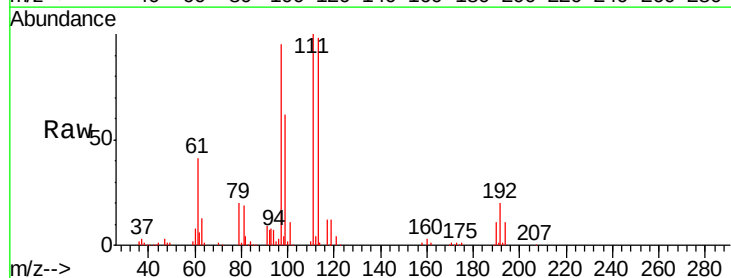
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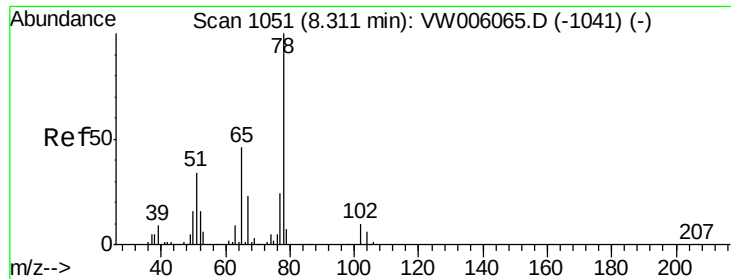
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#32
1,1,1-Trichloroethane
Concen: 20.28 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.9	76.3
61	43.7	33.7	50.5





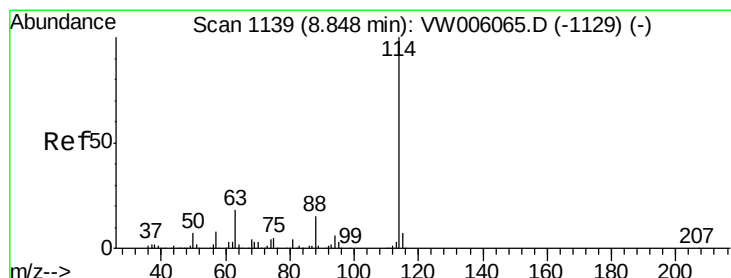
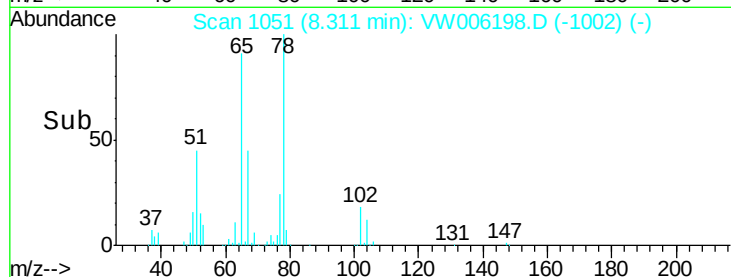
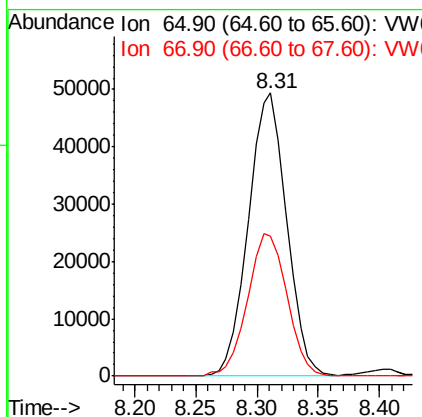
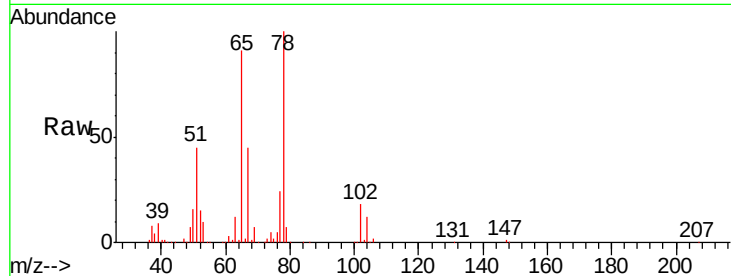
#33
 1,2-Dichloroethane-d4
 Concen: 53.10 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107779		
67	52.0	0.0	101.0	

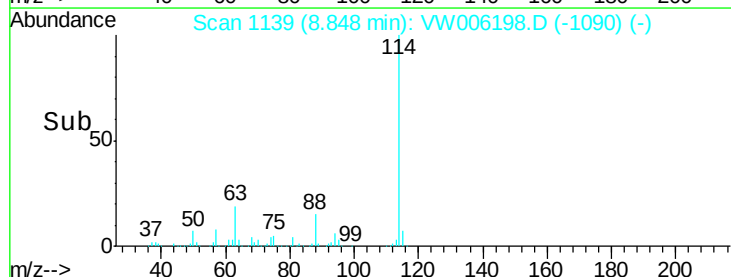
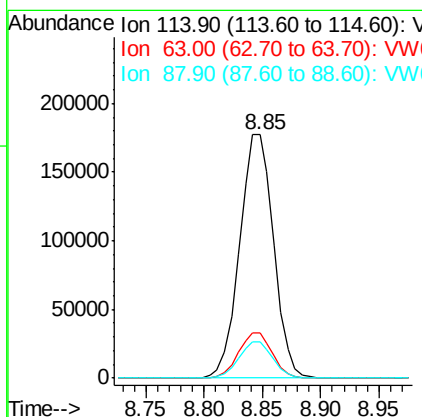
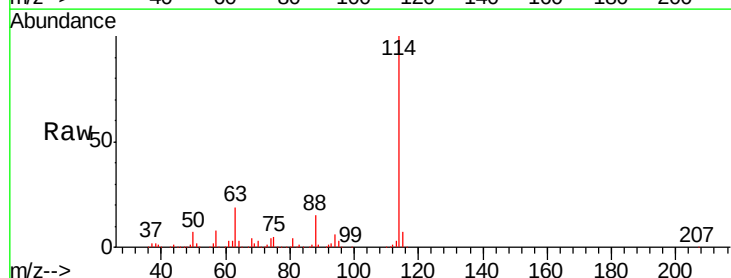
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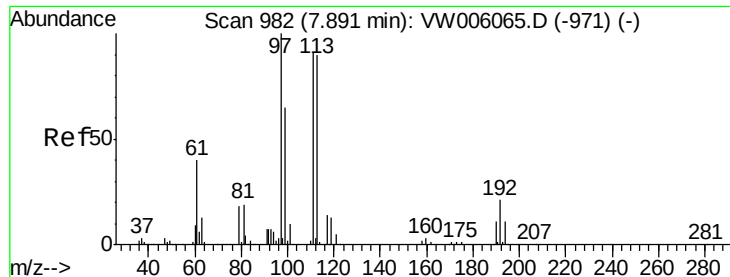
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	360055		
63	18.6	0.0	36.8	
88	14.7	0.0	29.0	





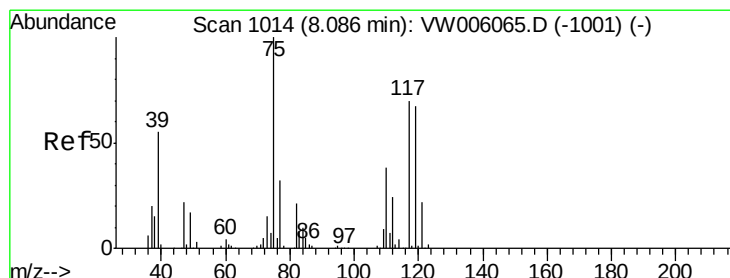
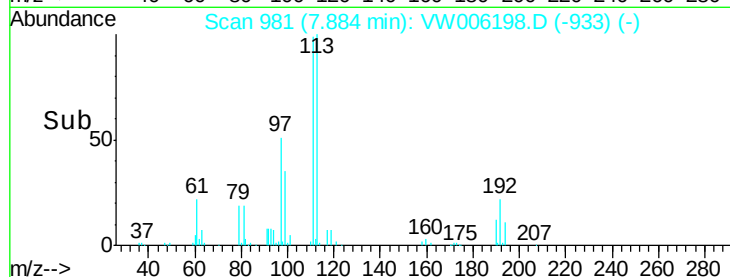
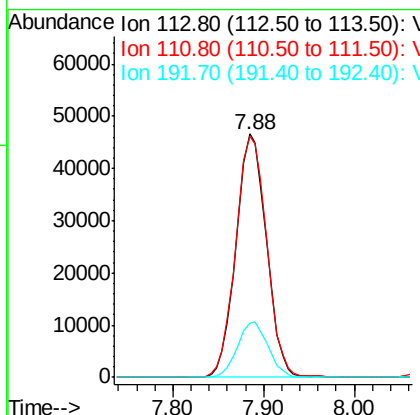
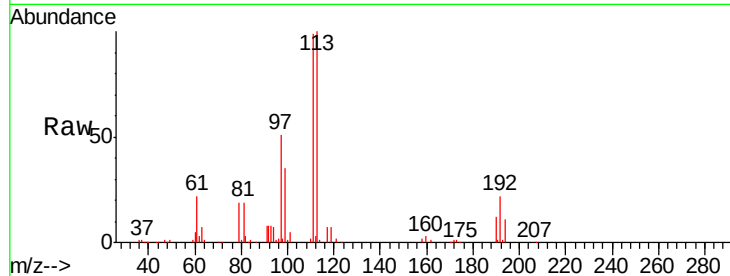
#35
 Dibromofluoromethane
 Concen: 50.92 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.4	122.0
192	22.9	18.7	28.1

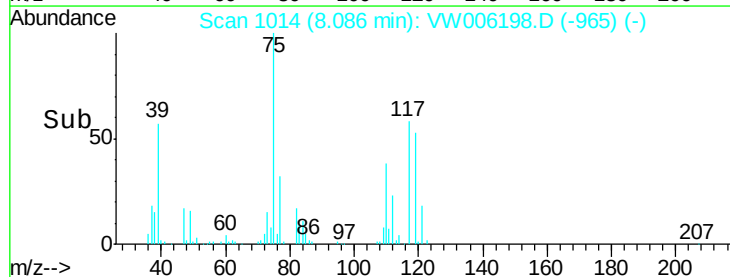
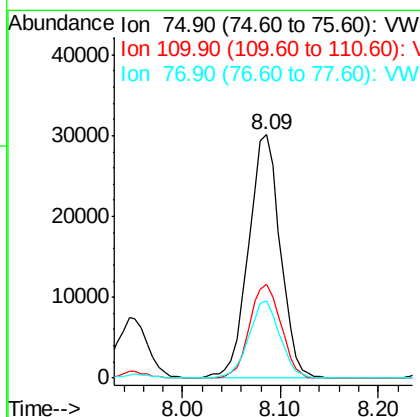
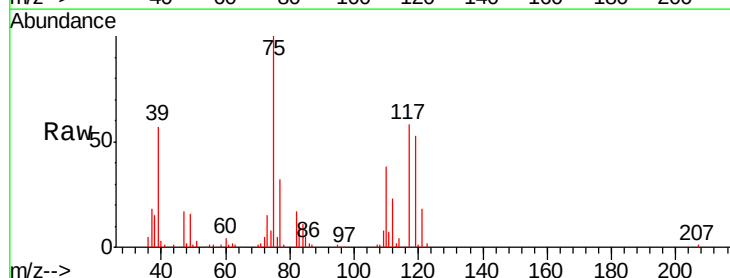
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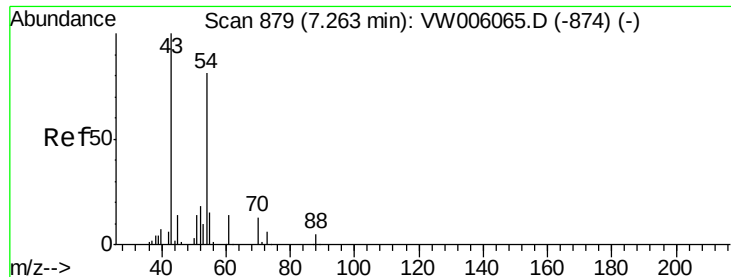
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#36
 1,1-Dichloropropene
 Concen: 20.45 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.1
77	31.2	25.0	37.4





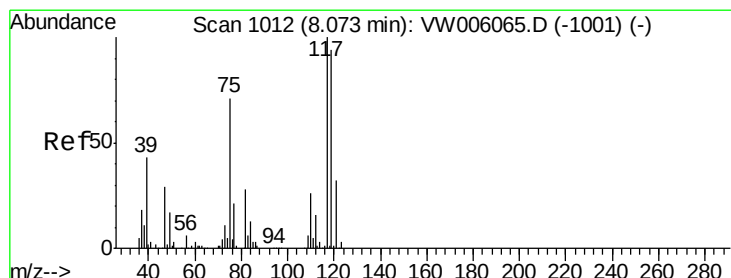
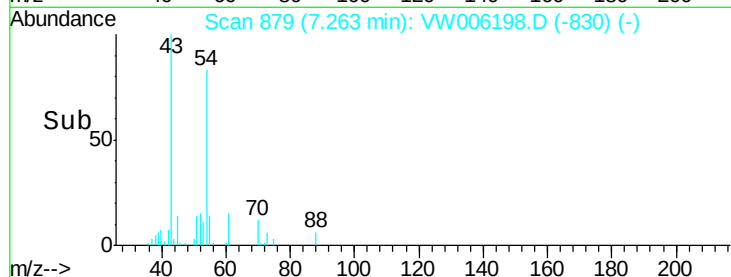
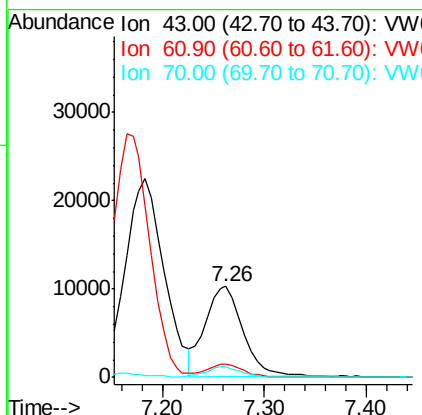
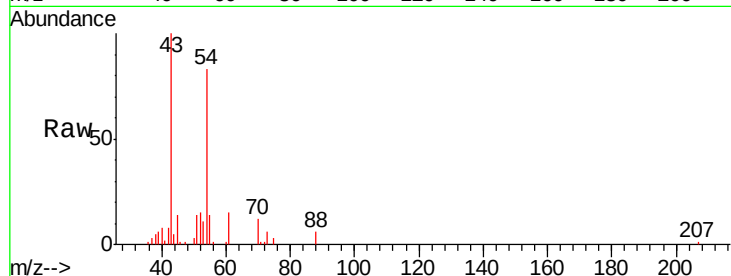
#37
Ethyl Acetate
 Concen: 21.59 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	10.8	9.2	13.8

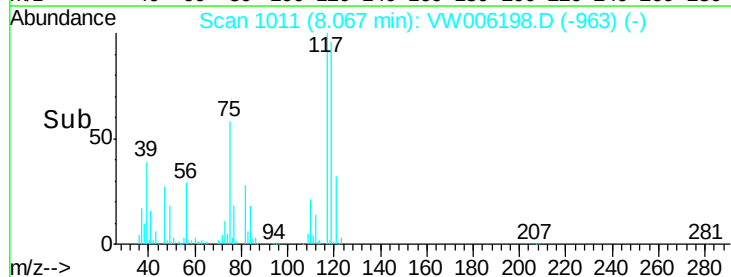
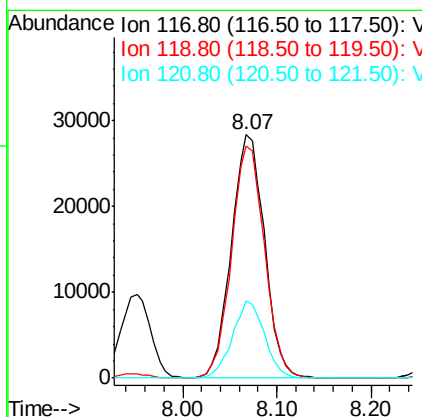
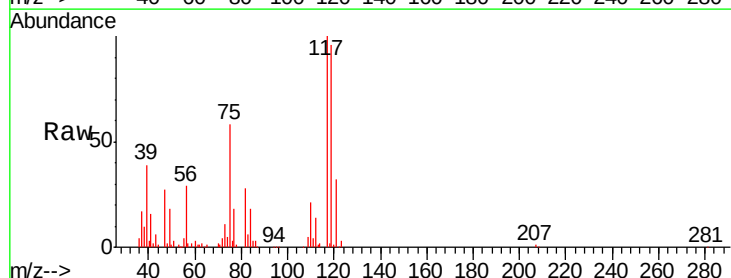
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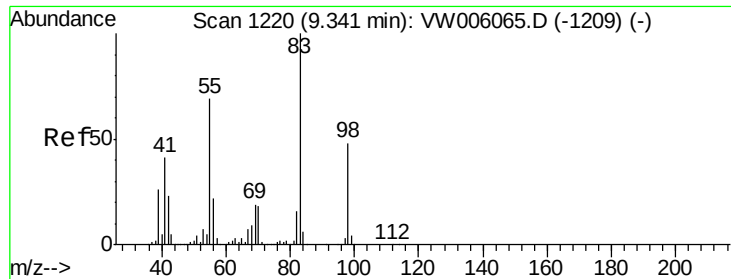
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#38
Carbon Tetrachloride
 Concen: 19.16 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.2	112.8
121	31.9	25.3	37.9





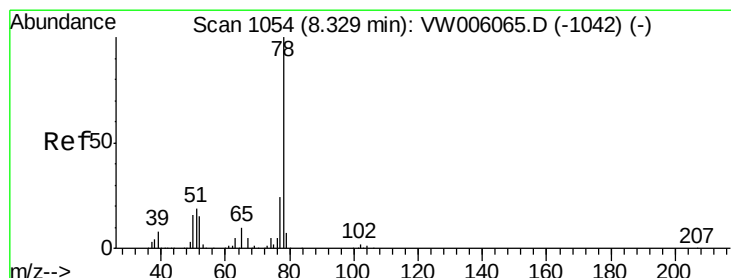
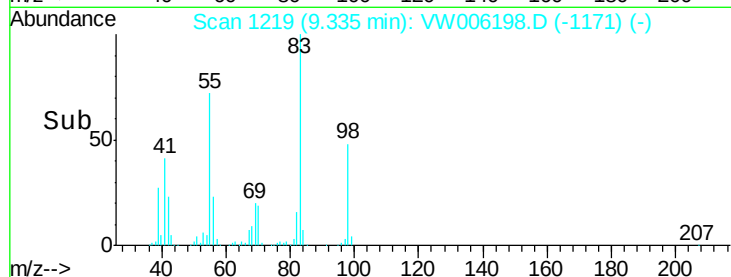
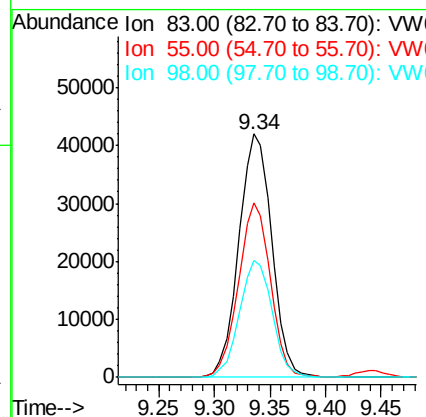
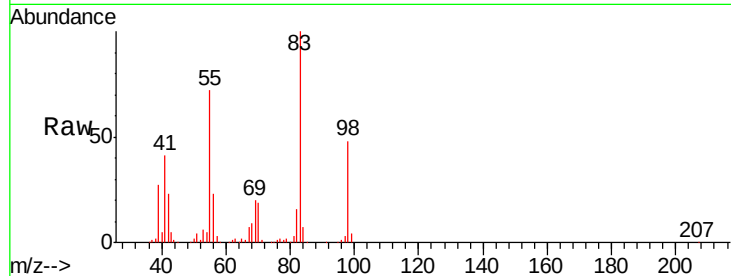
#39
Methylcyclohexane
Concen: 19.53 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	86136		
55	71.6	55.0	82.6	
98	48.2	38.6	57.8	

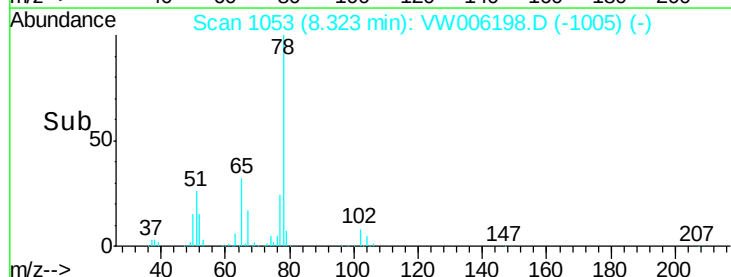
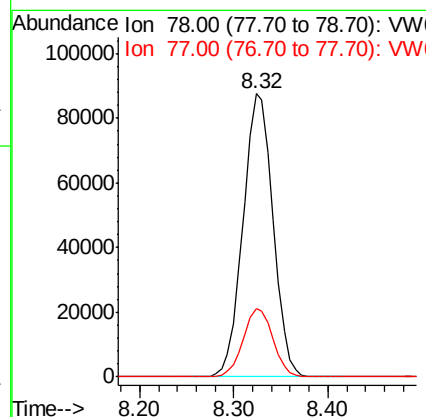
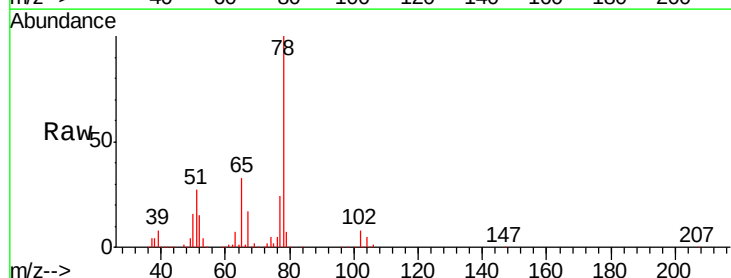
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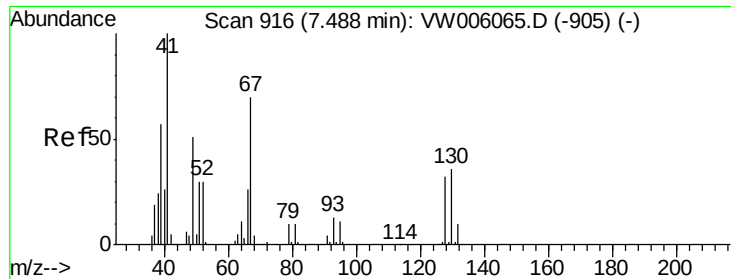
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#40
Benzene
Concen: 21.37 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	194538		
77	24.2	19.4	29.0	





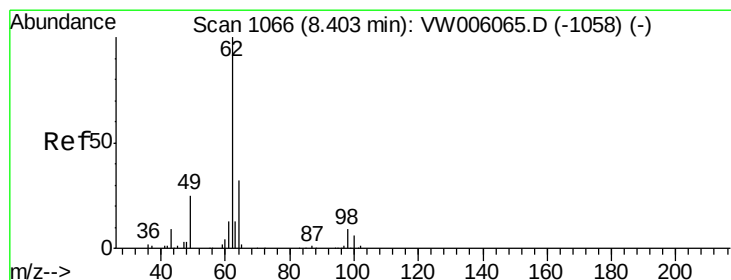
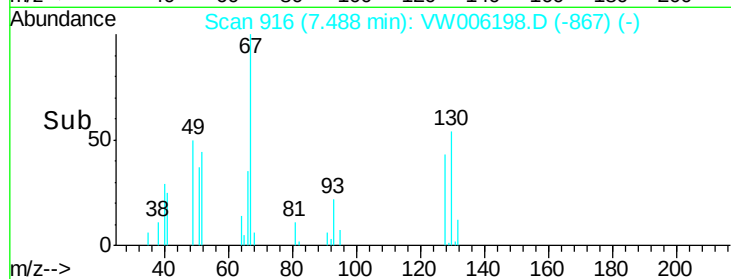
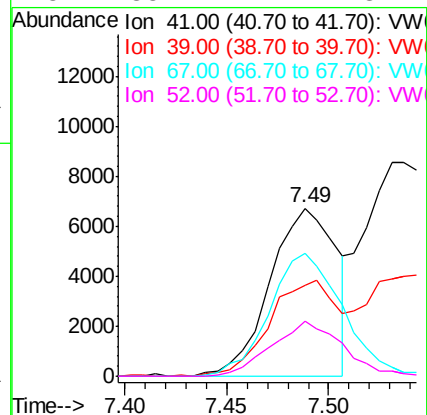
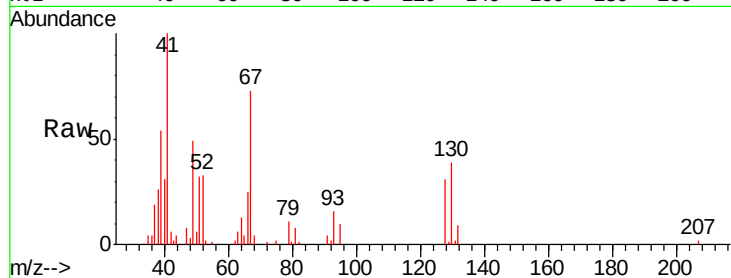
#41
Methacrylonitrile
Concen: 20.54 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion:	41	Resp:	15264
Ion	Ratio	Lower	Upper
41	100		
39	57.6	46.2	69.4
67	80.4	57.7	86.5
52	35.1	24.7	37.1

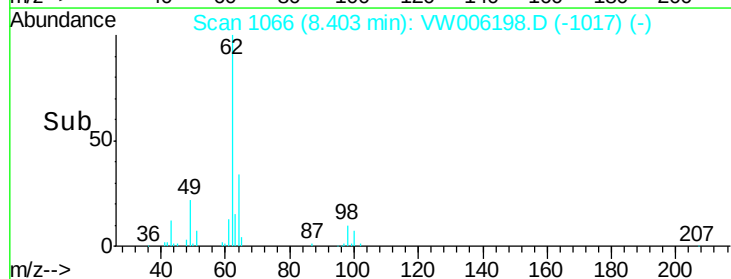
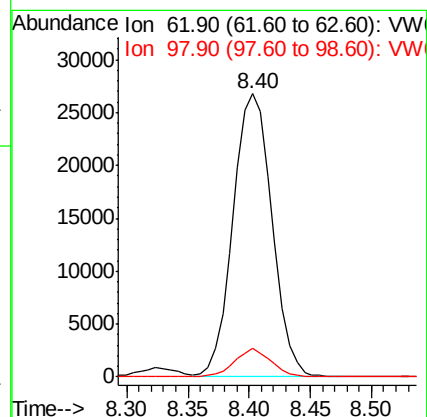
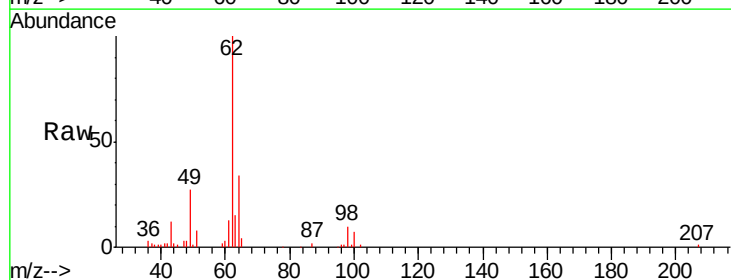
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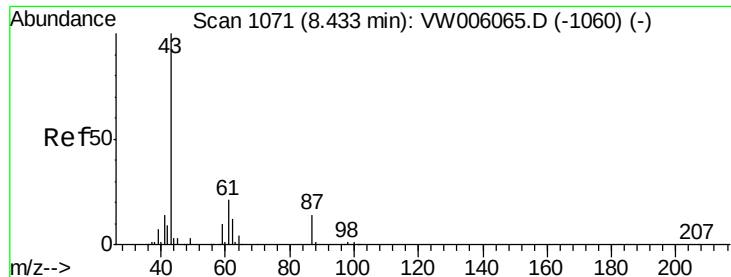
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#42
1,2-Dichloroethane
Concen: 22.11 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion:	62	Resp:	59139
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.63 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

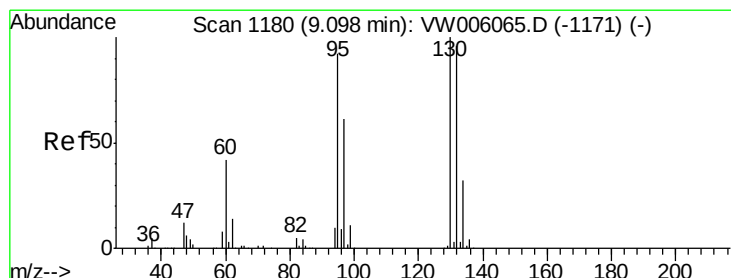
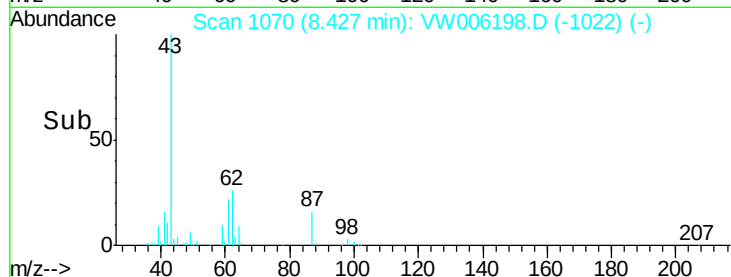
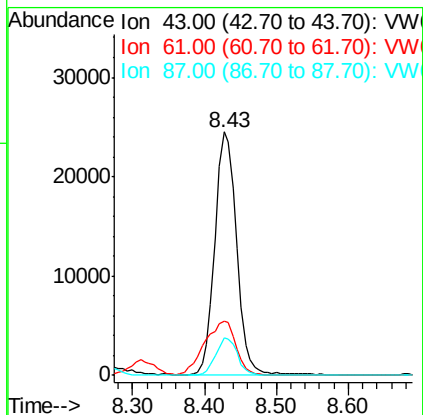
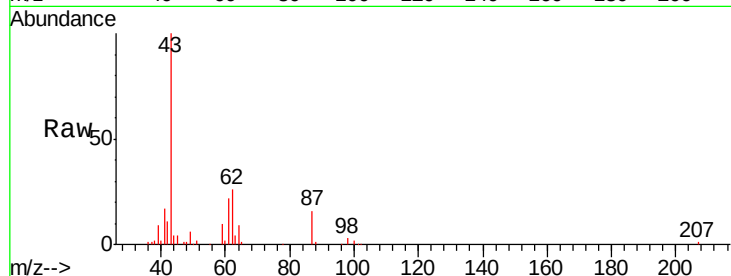
ClientSampleId :

VW1018SBS02

Tgt Ion:	43	Resp:	52017
Ion Ratio		Lower	Upper
43	100		
61	31.5	25.5	38.3
87	15.0	11.7	17.5

Manual Integrations
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#44

Trichloroethene

Concen: 21.53 ug/l

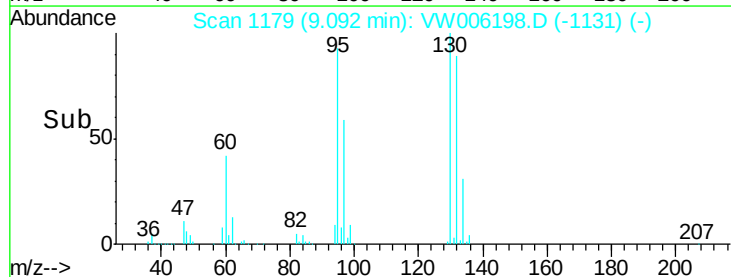
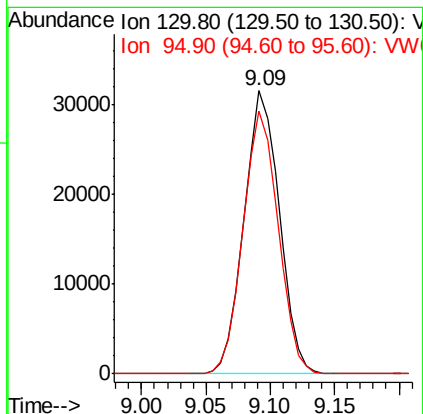
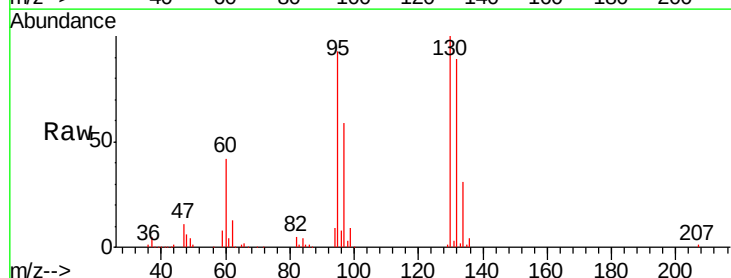
RT: 9.09 min Scan# 1179

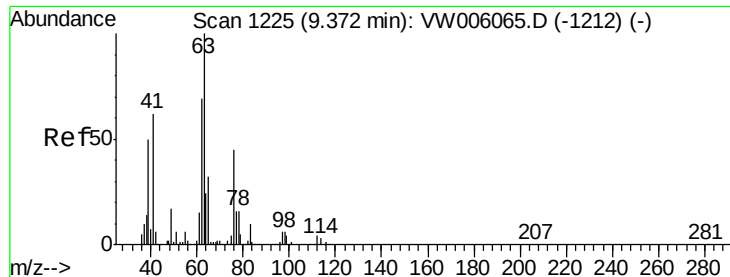
Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	130	Resp:	60122
Ion Ratio		Lower	Upper
130	100		
95	92.9	0.0	183.2





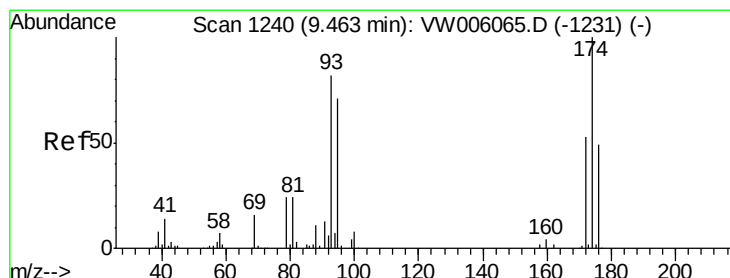
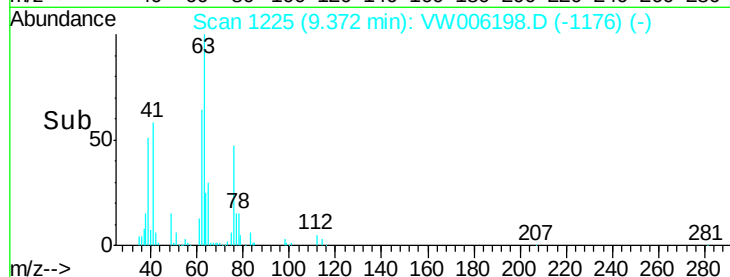
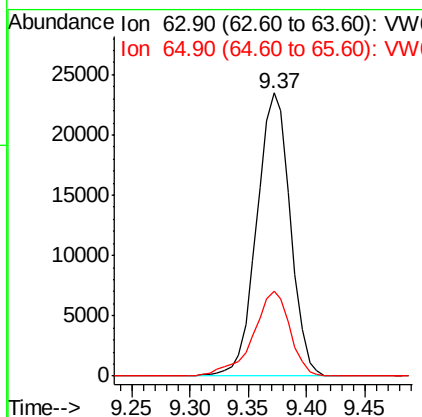
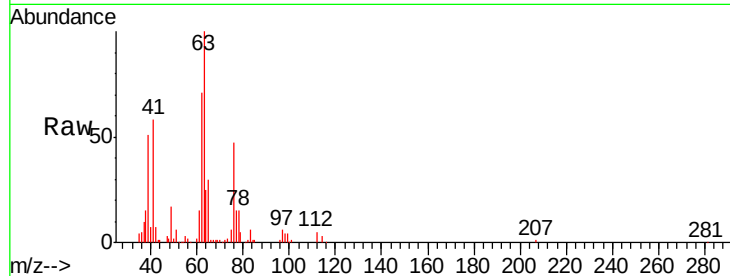
#45
1,2-Dichloropropane
Concen: 21.65 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 63 Resp: 47152
Ion Ratio Lower Upper
63 100
65 30.1 25.4 38.0

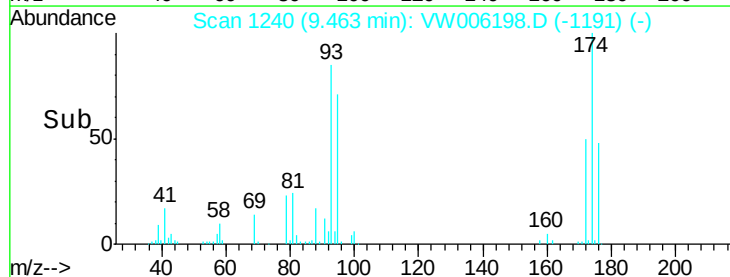
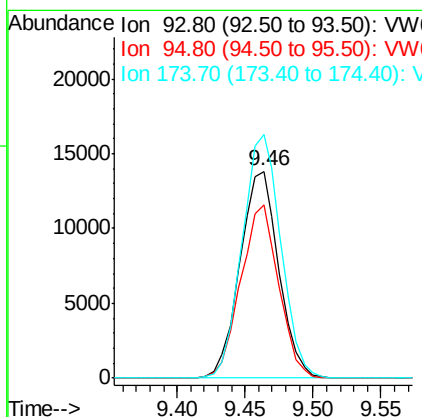
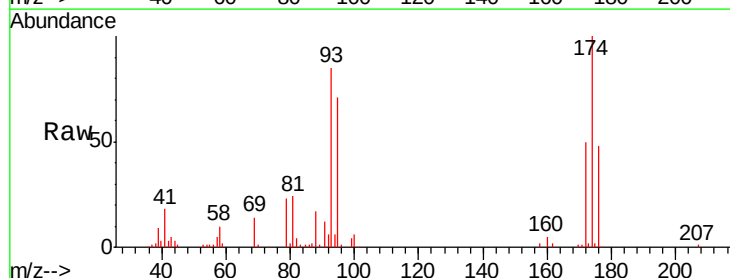
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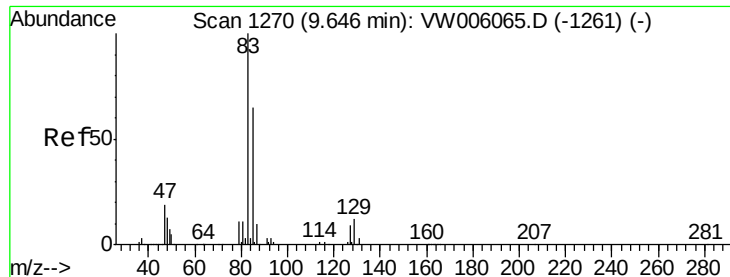
apatel
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#46
Dibromomethane
Concen: 22.13 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion: 93 Resp: 27478
Ion Ratio Lower Upper
93 100
95 82.0 67.7 101.5
174 118.2 93.7 140.5





#47

Bromodichloromethane

Concen: 20.03 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

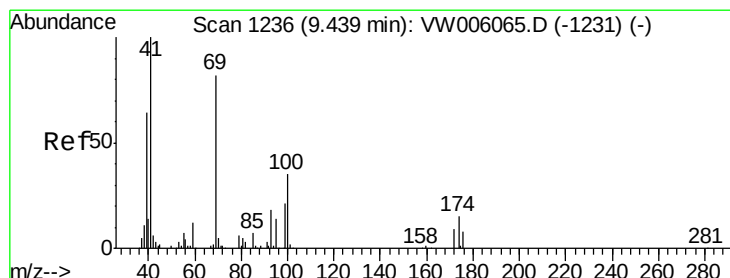
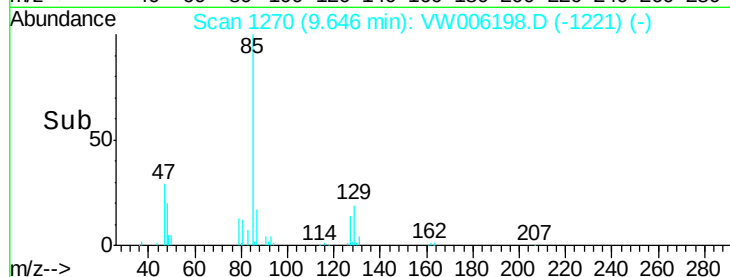
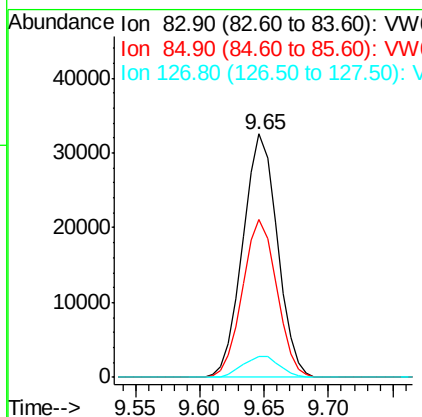
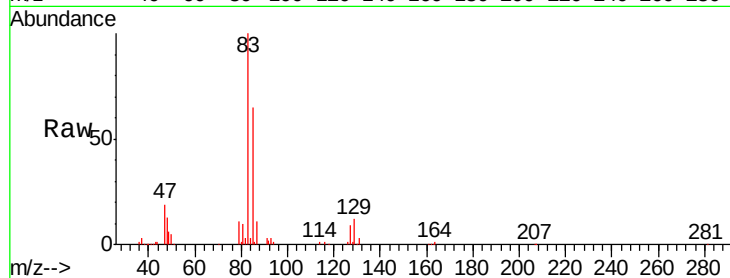
ClientSampleId :

VW1018SBS02

Tgt Ion:	83	Resp:	60293
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.8	6.9	10.3

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#48

Methyl methacrylate

Concen: 20.91 ug/l

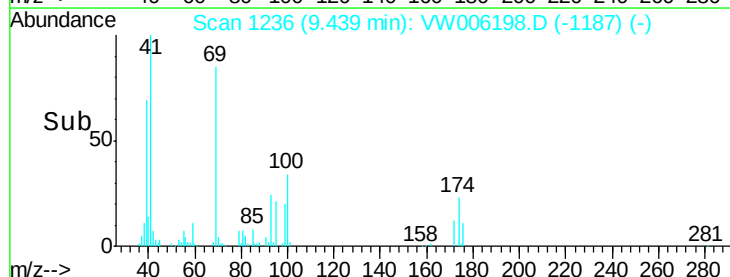
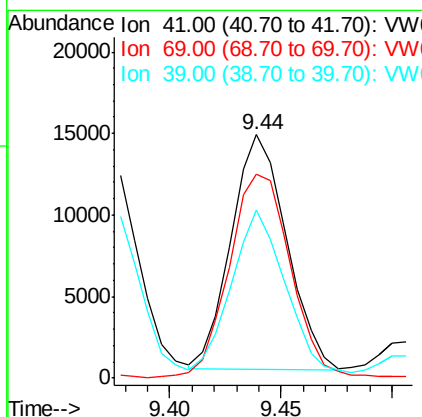
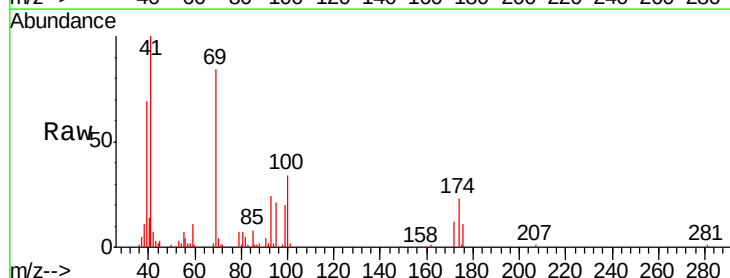
RT: 9.44 min Scan# 1236

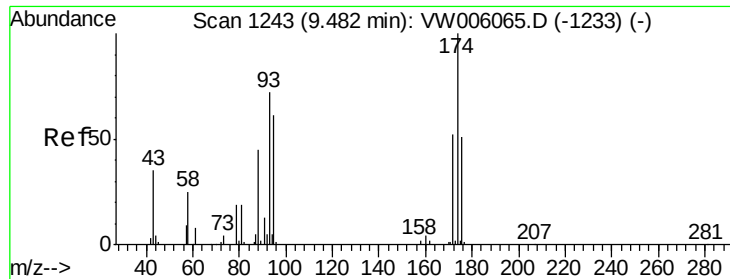
Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	41	Resp:	24994
Ion	Ratio	Lower	Upper
41	100		
69	97.1	71.8	107.8
39	71.4	52.5	78.7





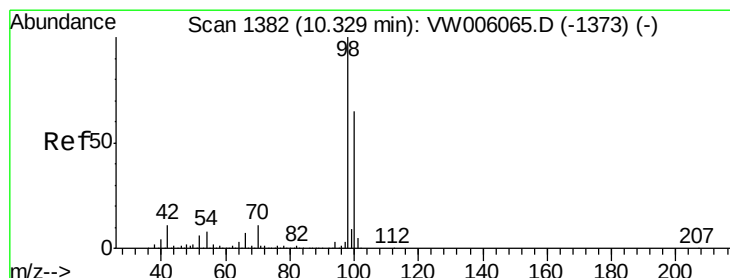
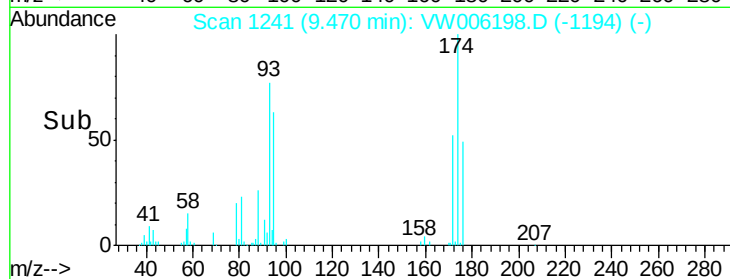
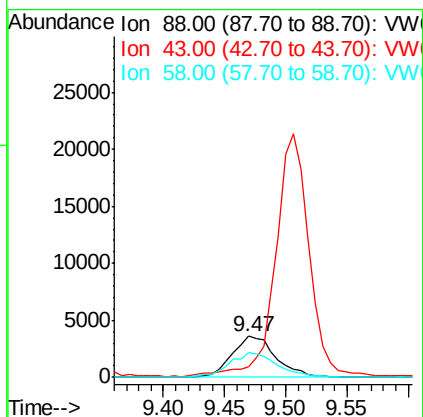
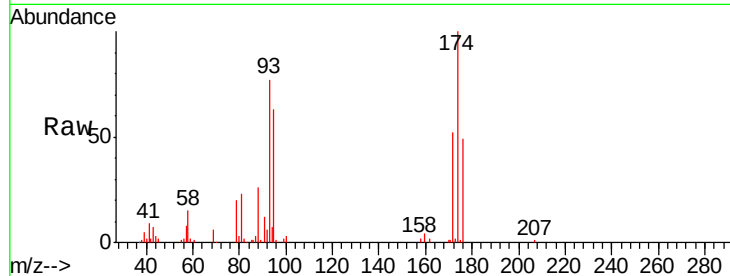
#49
1,4-Dioxane
Concen: 467.26 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.2	51.2	76.8

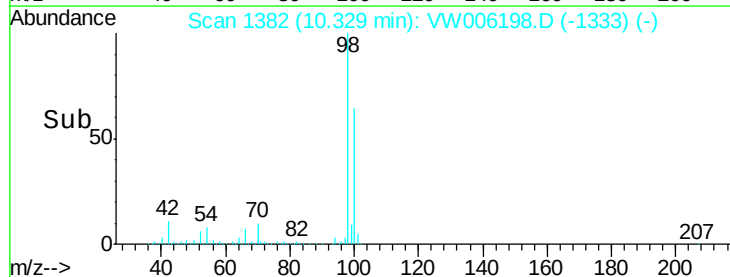
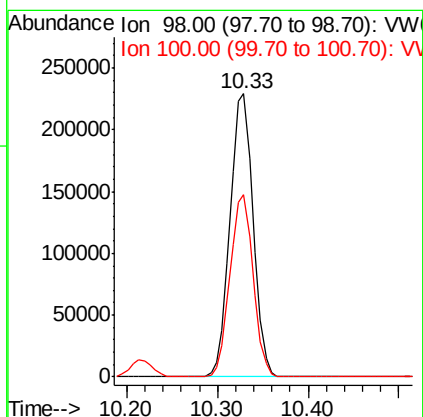
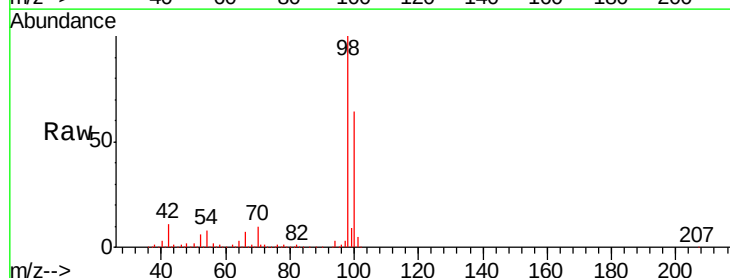
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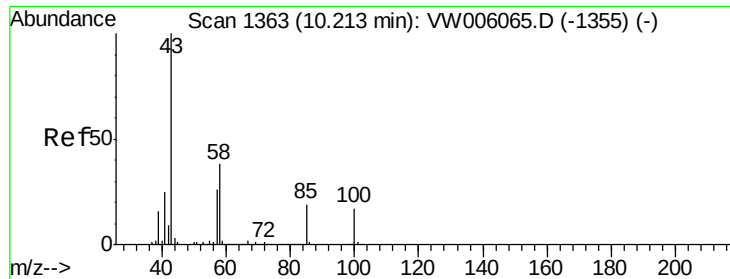
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#50
Toluene-d8
Concen: 50.09 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





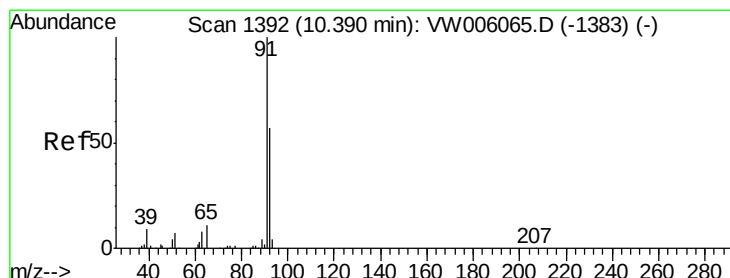
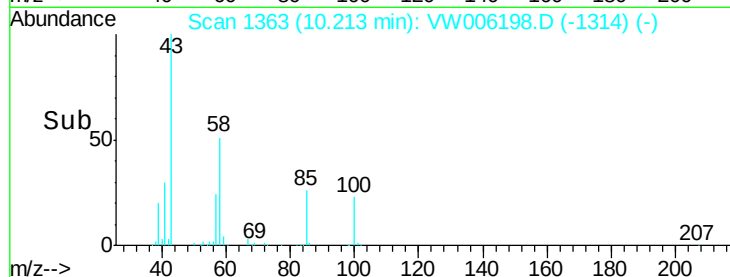
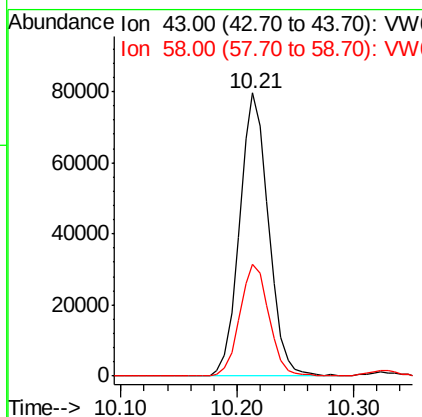
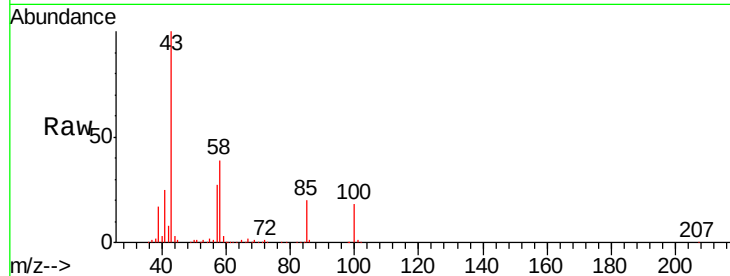
#51
 4-Methyl-2-Pentanone
 Concen: 108.81 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion: 43 Resp: 137447
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.5 47.3

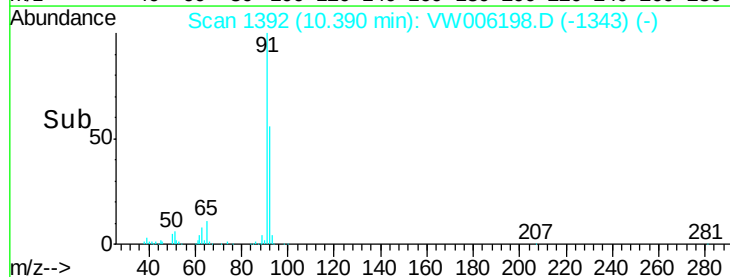
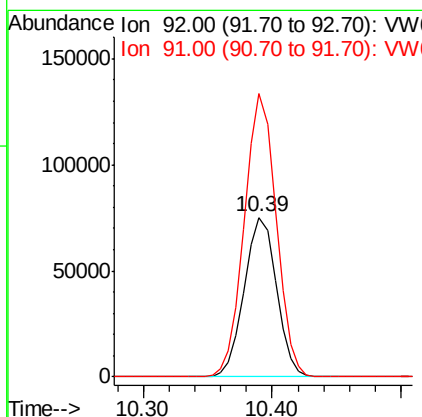
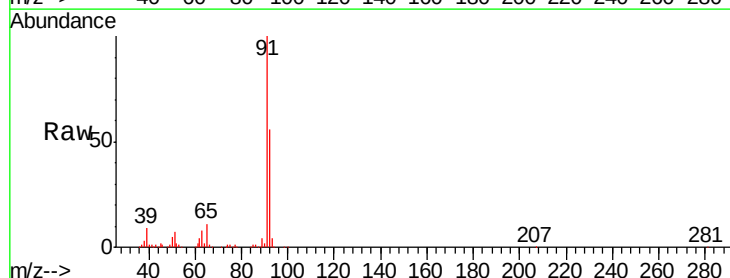
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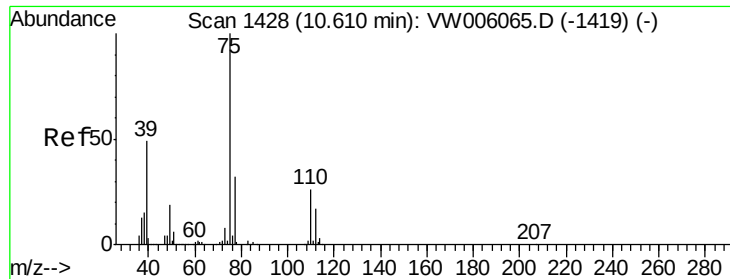
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#52
 Toluene
 Concen: 21.31 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion: 92 Resp: 130030
 Ion Ratio Lower Upper
 92 100
 91 175.2 140.0 210.0





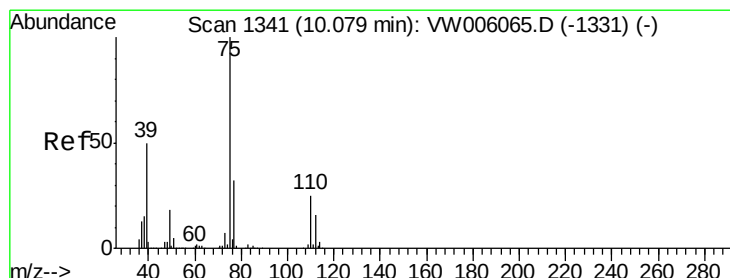
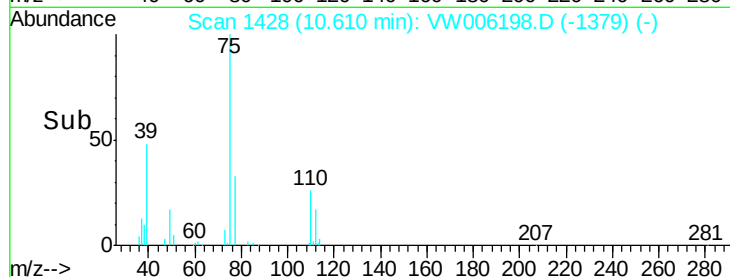
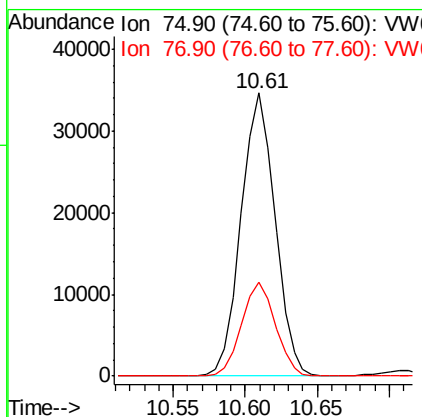
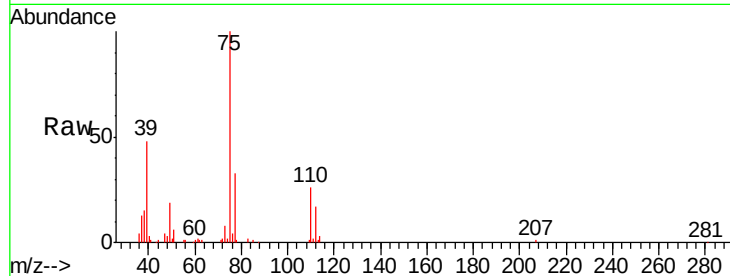
#53
t-1,3-Dichloropropene
Concen: 18.93 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 75 Resp: 56761
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2

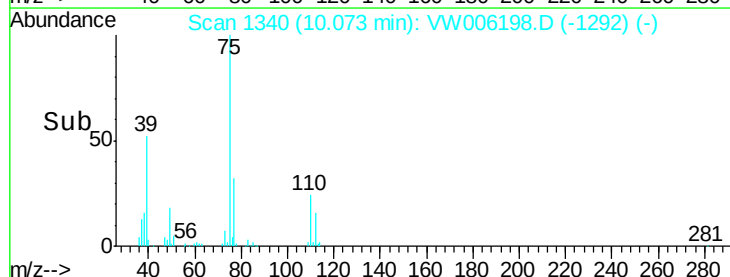
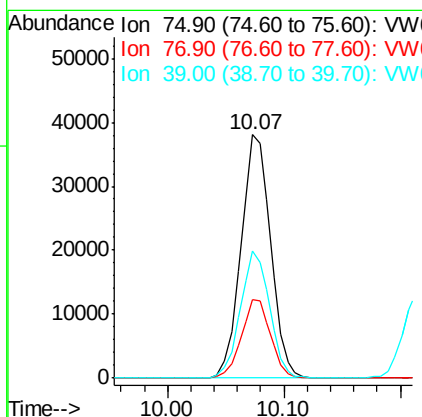
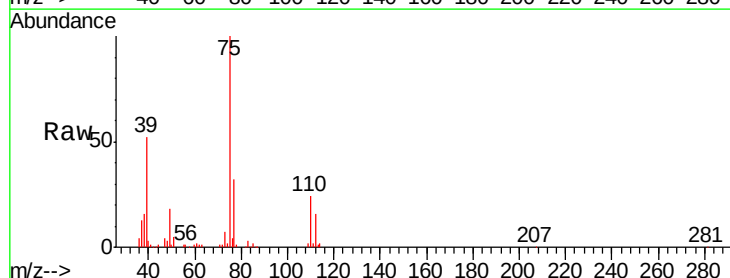
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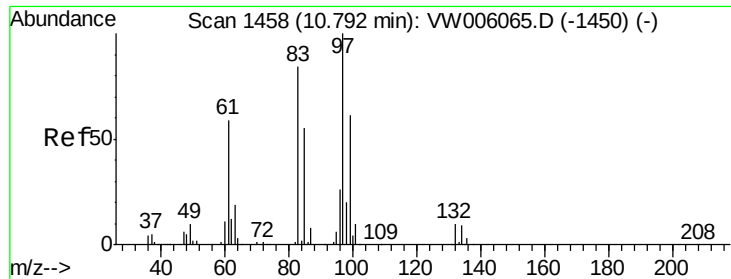
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#54
cis-1,3-Dichloropropene
Concen: 19.71 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion: 75 Resp: 67847
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 52.3 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 22.00 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

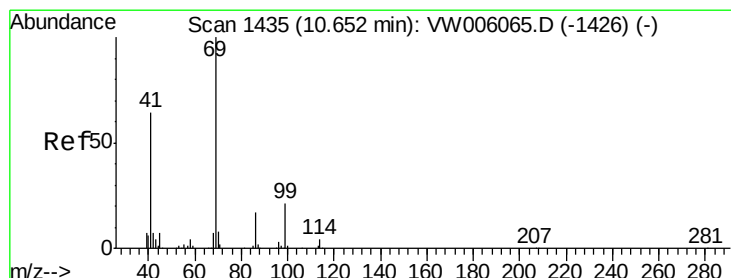
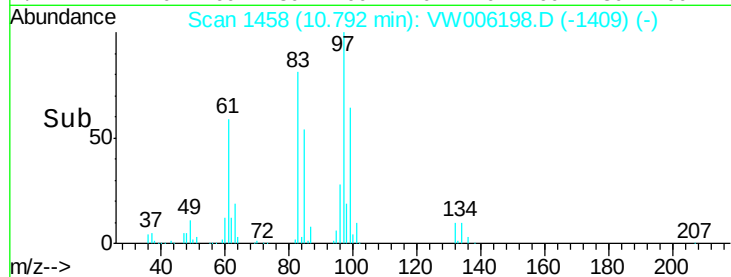
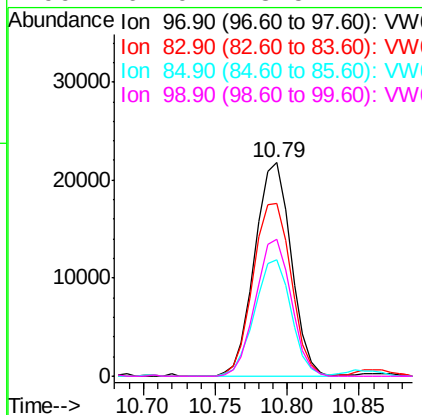
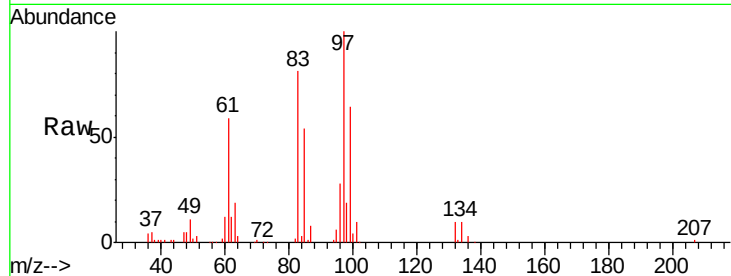
ClientSampleId :

VW1018SBS02

Tgt Ion:	97	Resp:	38221
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.2	100.8
85	54.3	43.7	65.5
99	64.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 21.23 ug/l

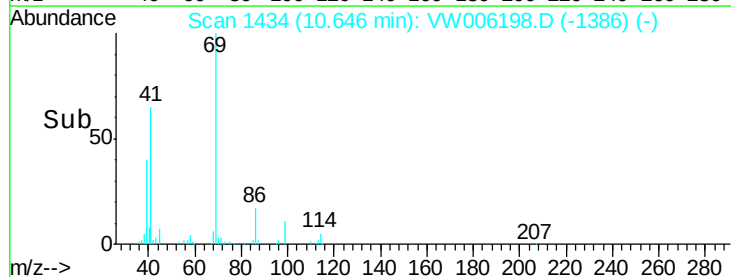
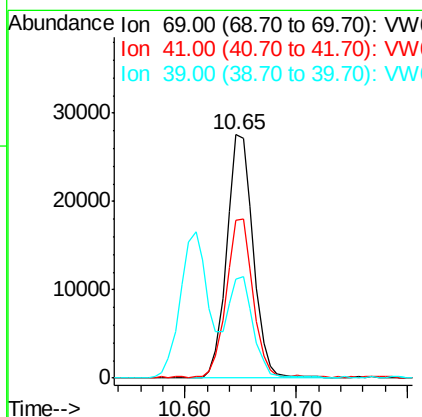
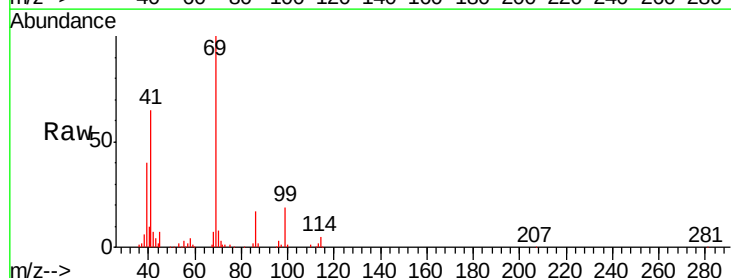
RT: 10.65 min Scan# 1434

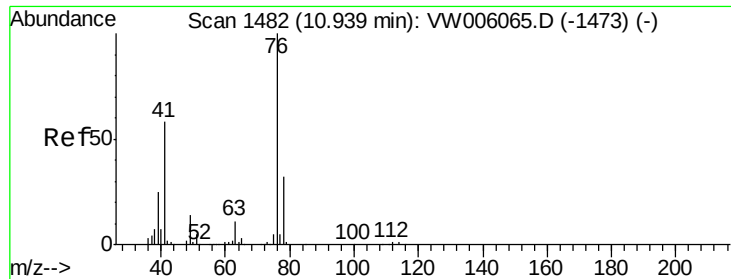
Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	69	Resp:	45213
Ion	Ratio	Lower	Upper
69	100		
41	67.8	52.8	79.2
39	37.0	30.6	45.8





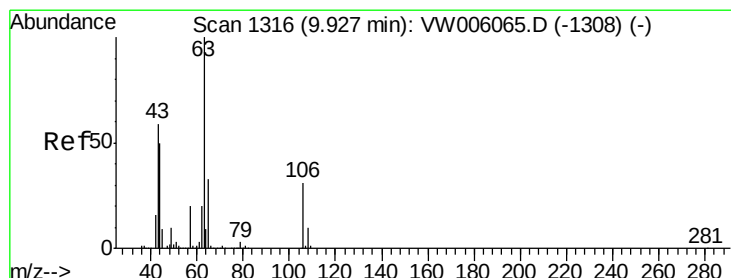
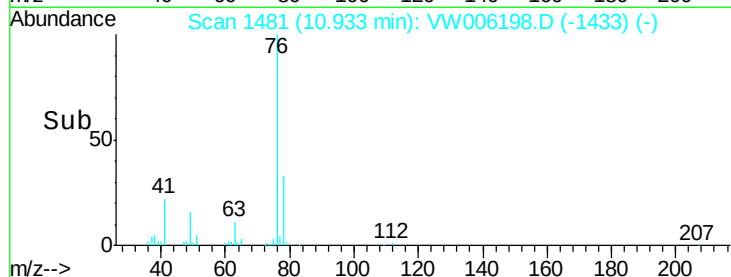
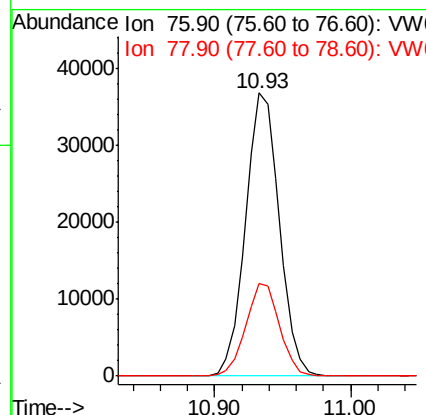
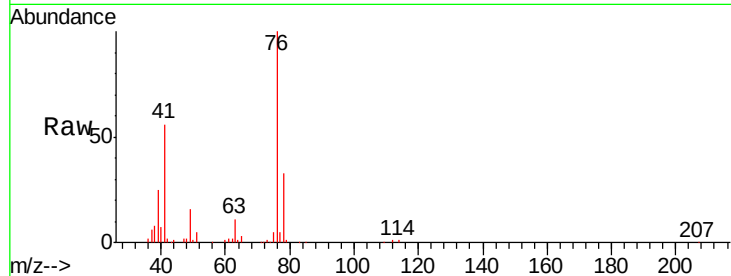
#57
 1,3-Dichloropropane
 Concen: 22.20 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion: 76 Resp: 63837
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9

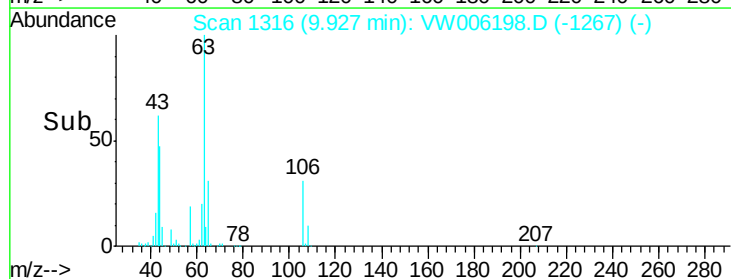
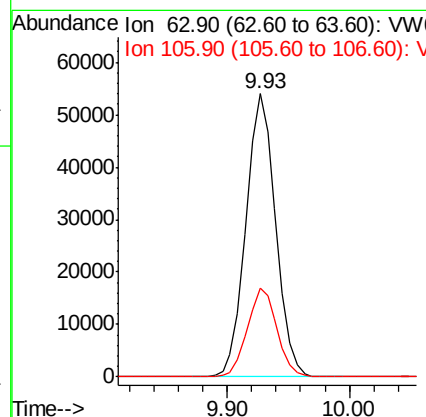
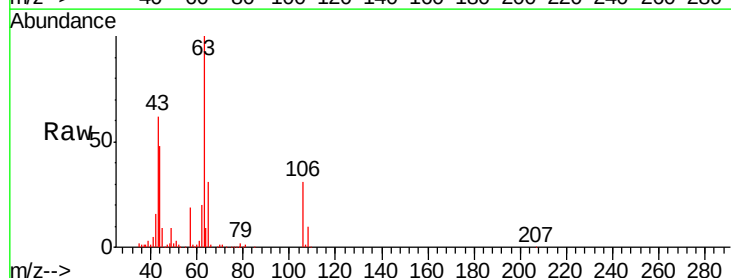
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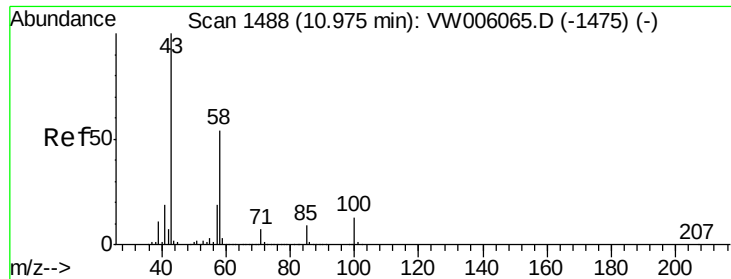
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#58
 2-Chloroethyl Vinyl ether
 Concen: 111.58 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion: 63 Resp: 90814
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7





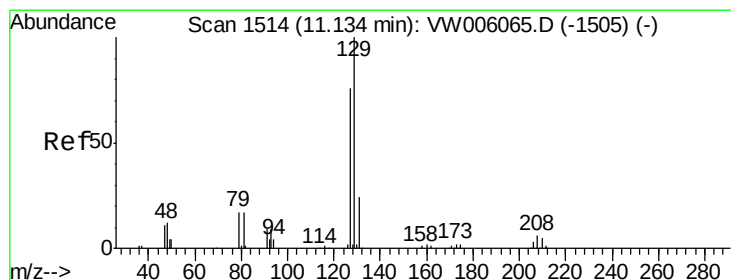
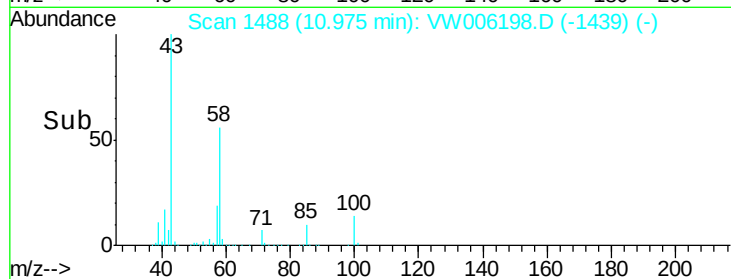
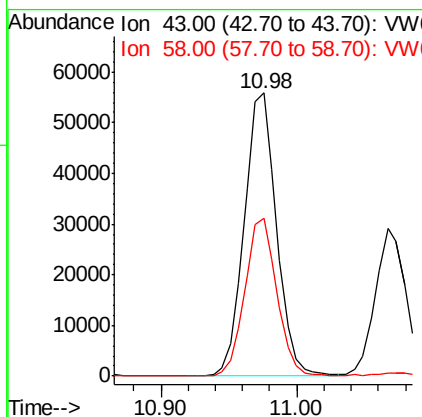
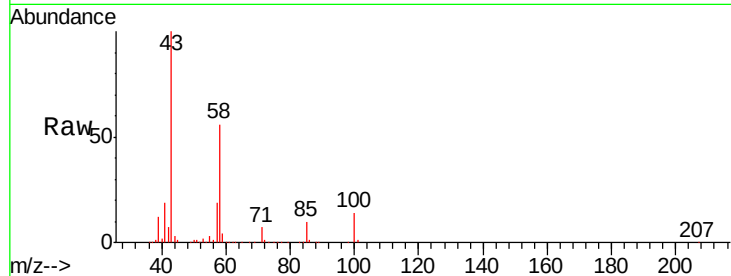
#59
2-Hexanone
Concen: 103.30 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 43 Resp: 93144
Ion Ratio Lower Upper
43 100
58 55.1 26.9 80.6

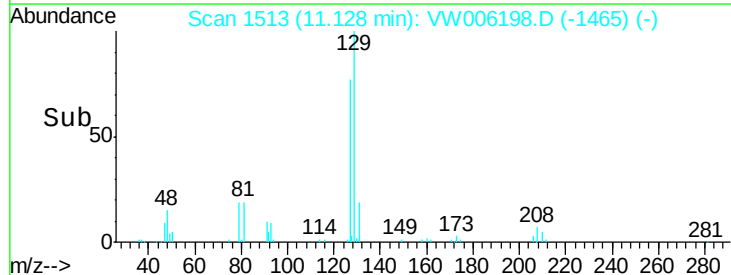
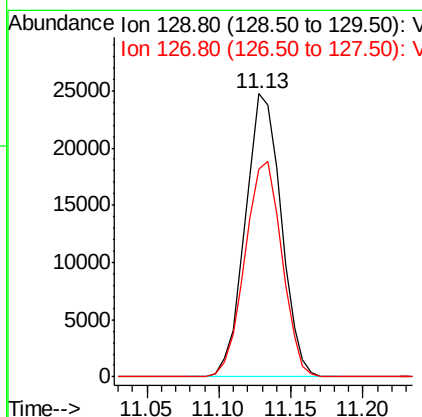
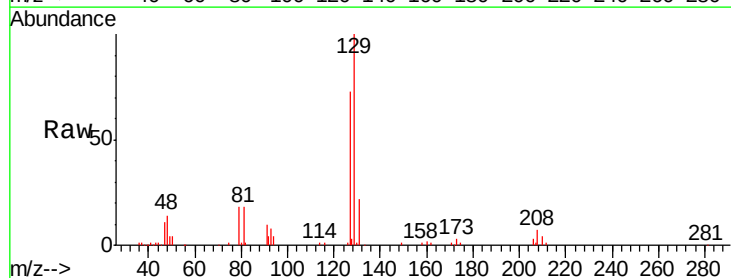
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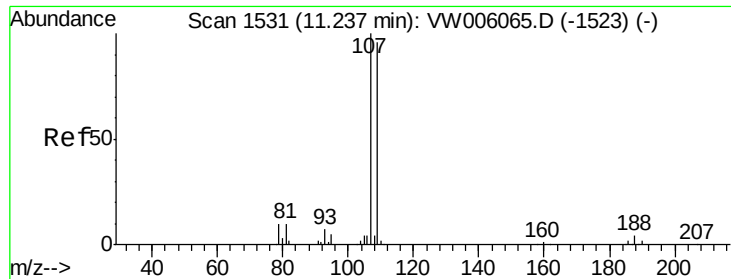
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#60
Dibromochloromethane
Concen: 19.71 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion: 129 Resp: 42654
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.7





#61

1,2-Dibromoethane

Concen: 21.98 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 107 Resp: 38157

Ion Ratio Lower Upper

107 100

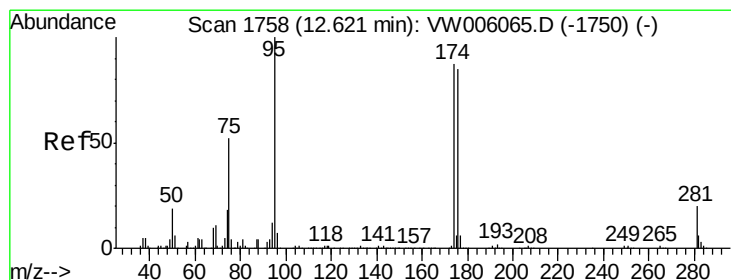
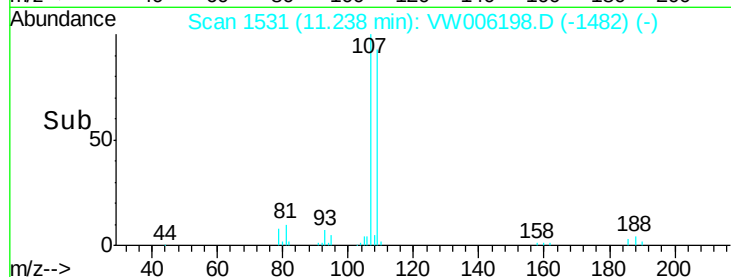
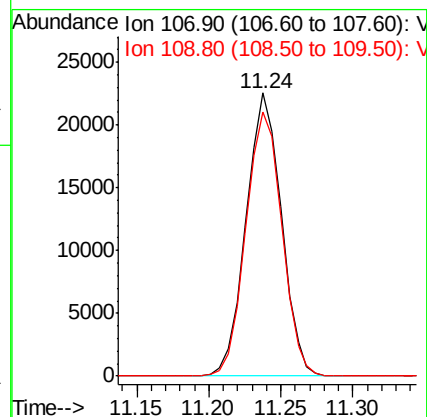
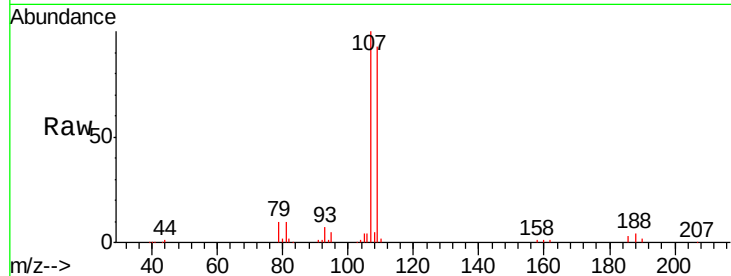
109 95.3 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 50.65 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

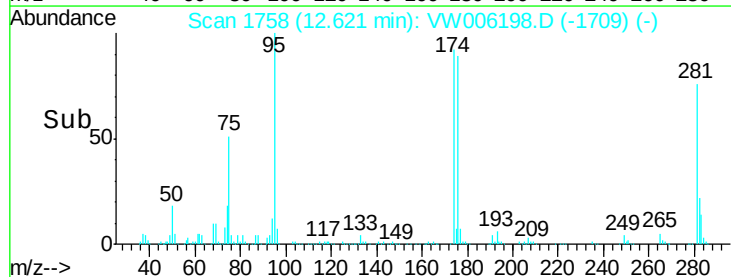
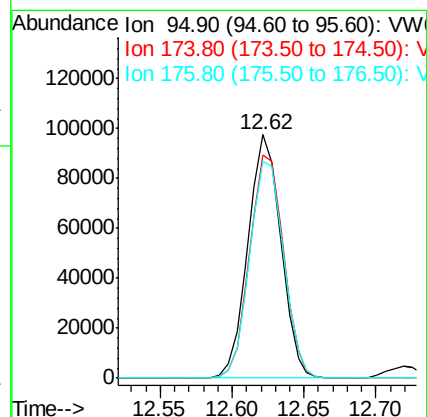
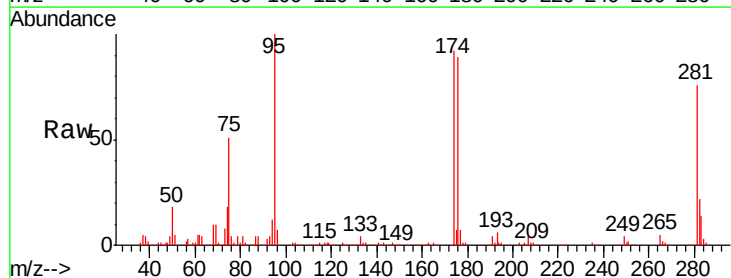
Tgt Ion: 95 Resp: 153967

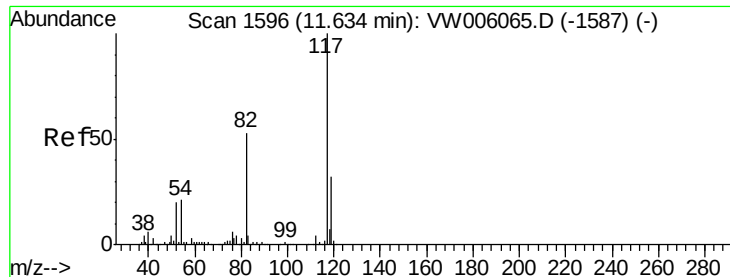
Ion Ratio Lower Upper

95 100

174 94.3 0.0 186.0

176 92.0 0.0 181.6





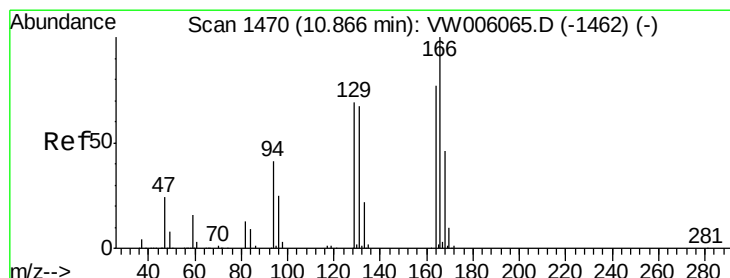
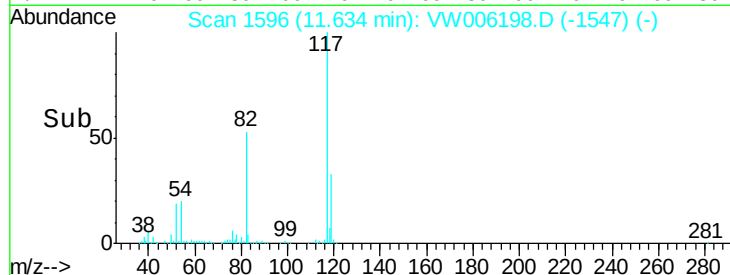
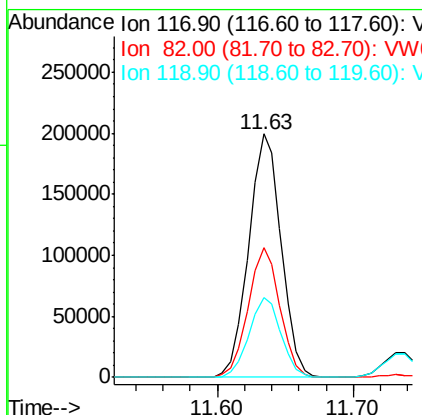
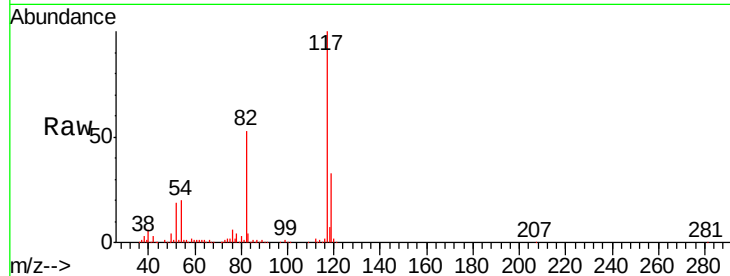
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	333605		
82	53.1	42.1	63.1	
119	32.5	25.8	38.6	

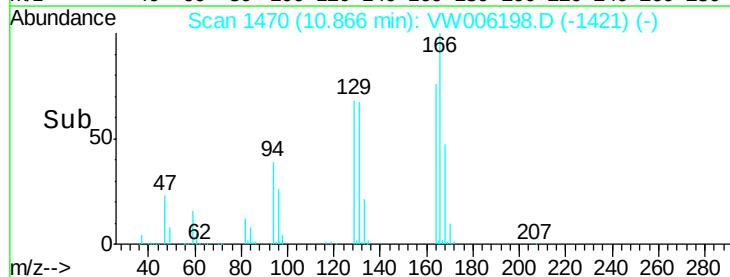
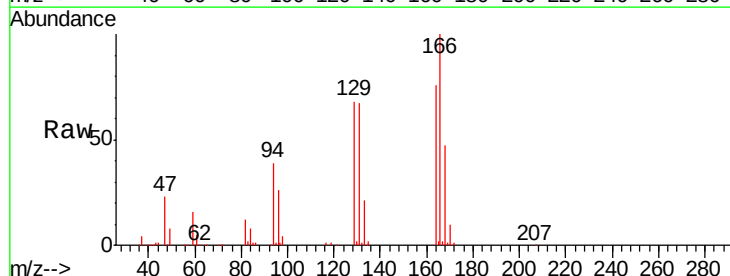
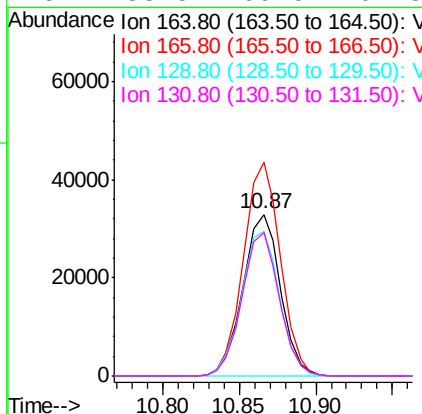
Manual Integrations
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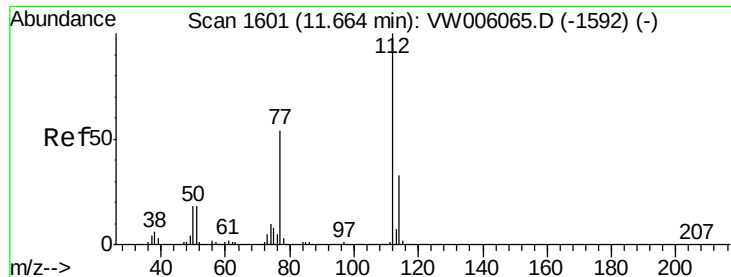
apatel
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#64
Tetrachloroethene
Concen: 21.71 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56222		
166	132.2	103.4	155.0	
129	89.6	71.8	107.8	
131	88.5	69.5	104.3	





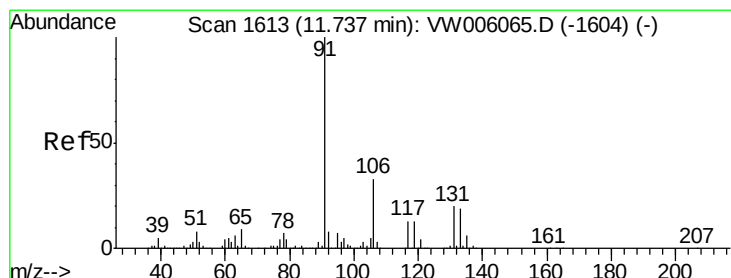
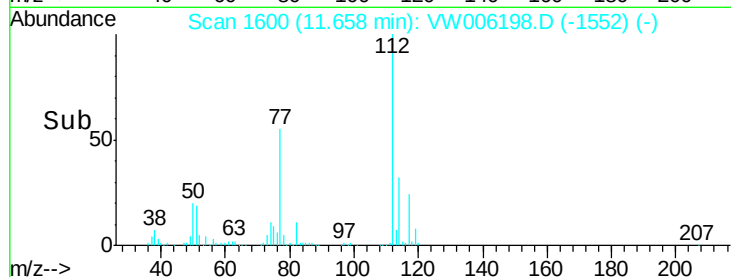
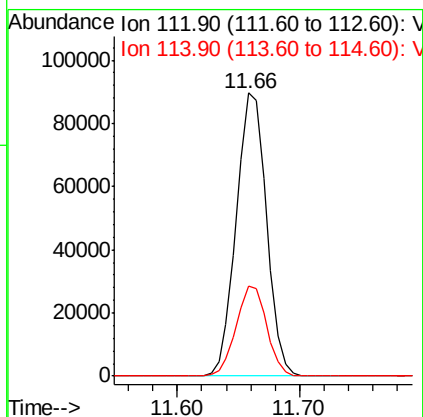
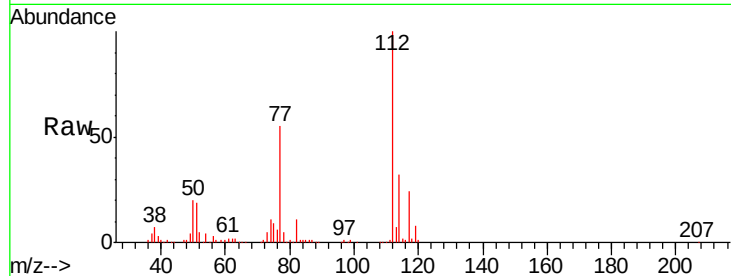
#65
Chlorobenzene
Concen: 21.55 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion:112 Resp: 153880
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

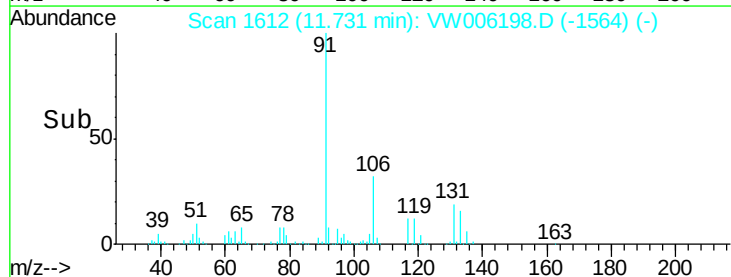
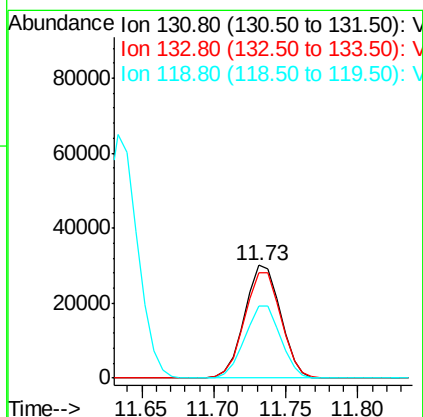
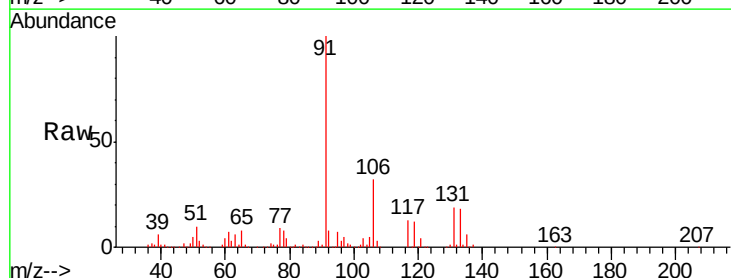
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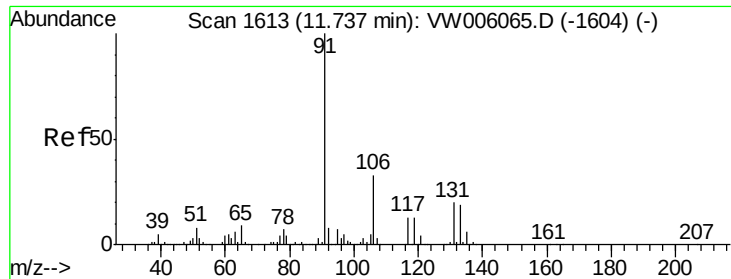
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.51 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion:131 Resp: 52043
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 63.9 31.6 94.7





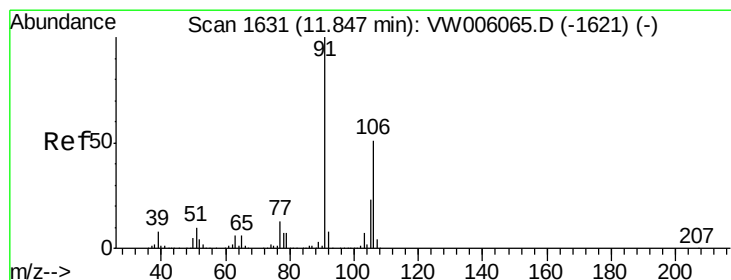
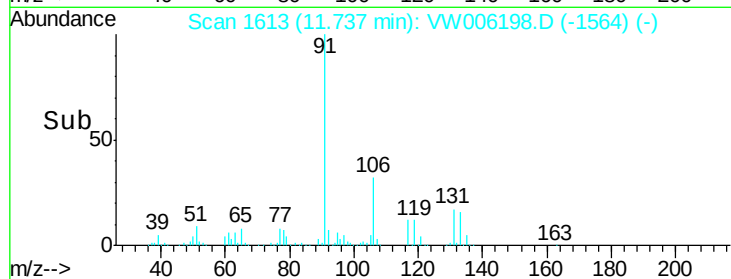
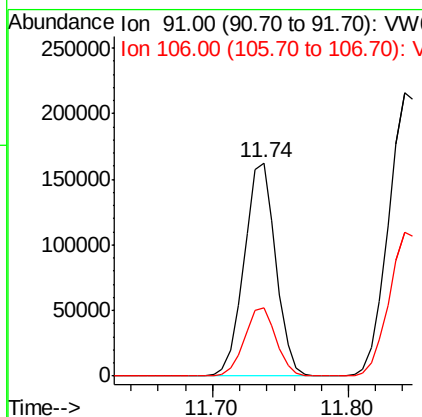
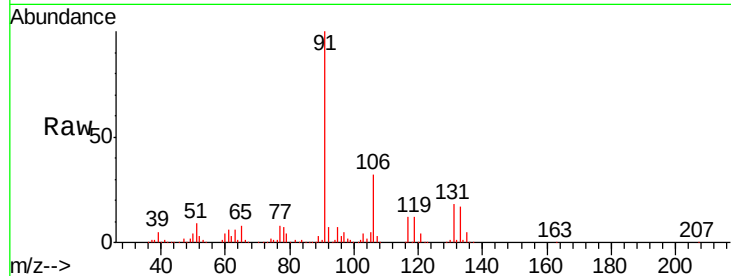
#67
Ethyl Benzene
Concen: 21.33 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion: 91 Resp: 264013
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1

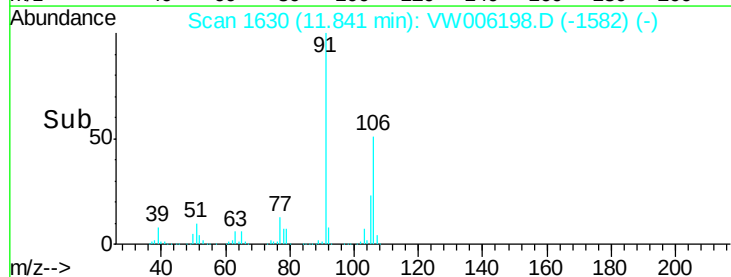
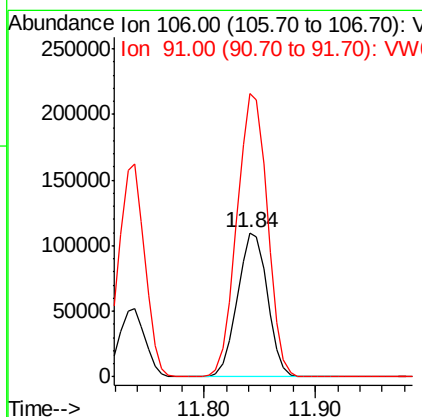
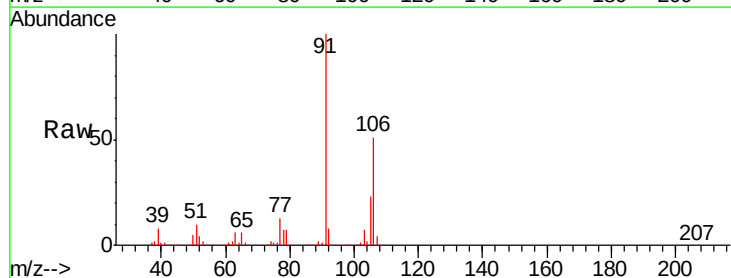
Manual Integrations
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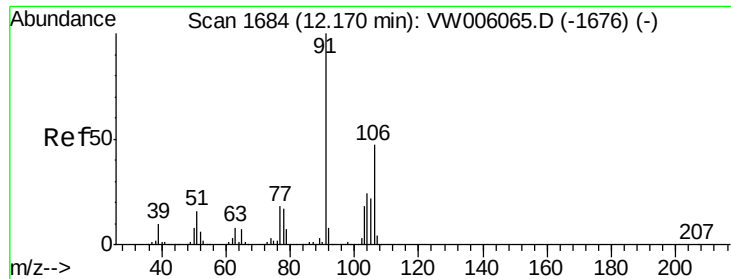
apatel
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#68
m/p-Xylenes
Concen: 41.83 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion: 106 Resp: 204628
Ion Ratio Lower Upper
106 100
91 200.5 159.1 238.7





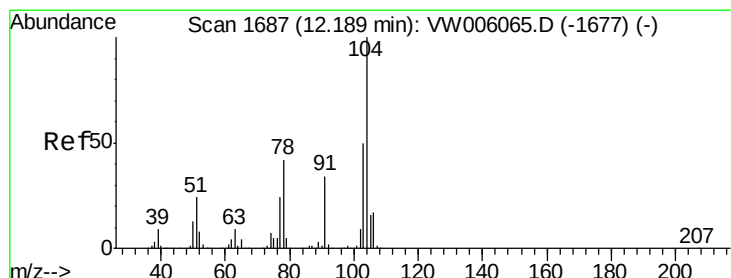
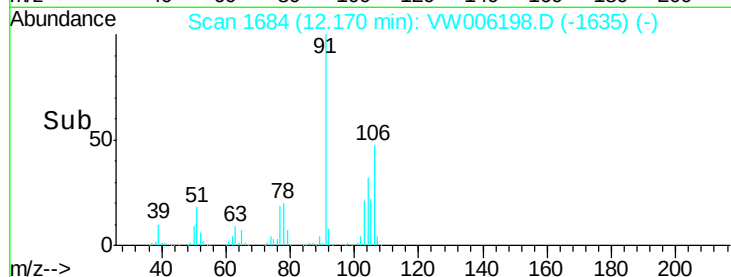
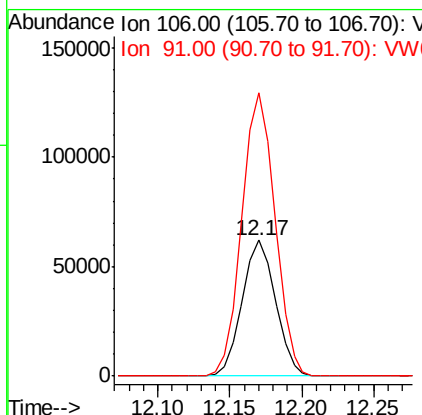
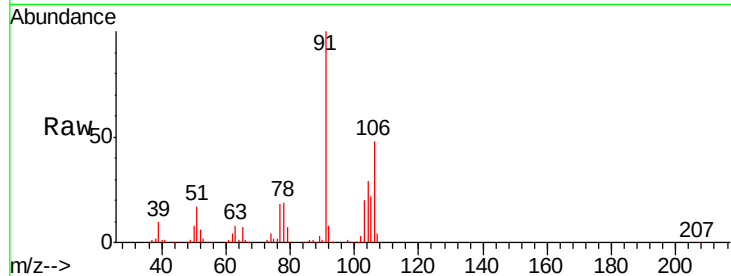
#69
o-Xylene
Concen: 21.29 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion:106 Resp: 99265
Ion Ratio Lower Upper
106 100
91 208.3 105.4 316.1

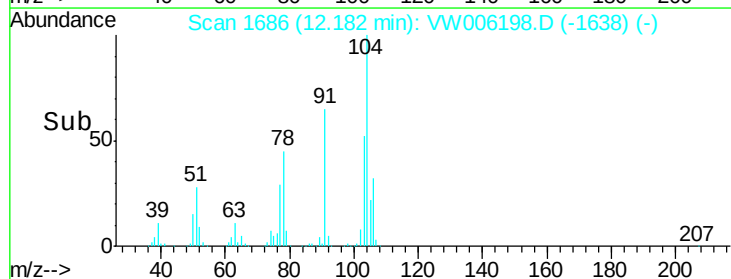
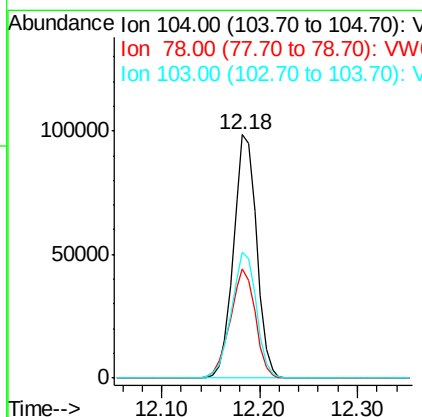
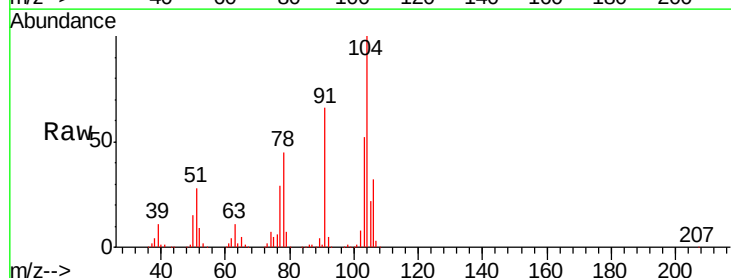
Manual Integrations
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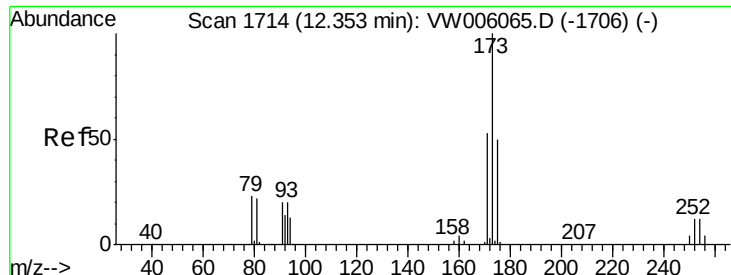
apatel
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#70
Styrene
Concen: 21.36 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion:104 Resp: 161952
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 18.05 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion:173 Resp: 25558

Ion Ratio Lower Upper

173 100

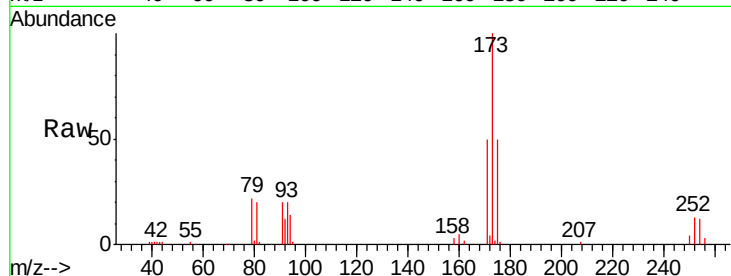
175 48.9 24.2 72.6

254 0.0 0.1 0.1#

Manual Integrations
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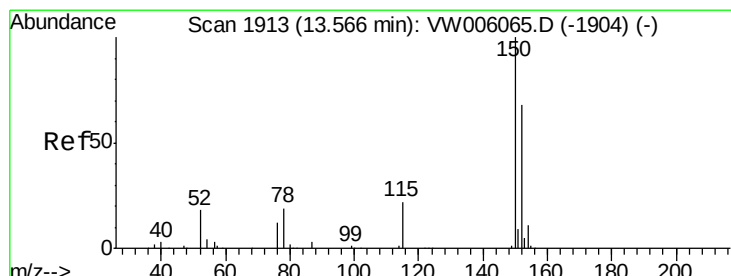
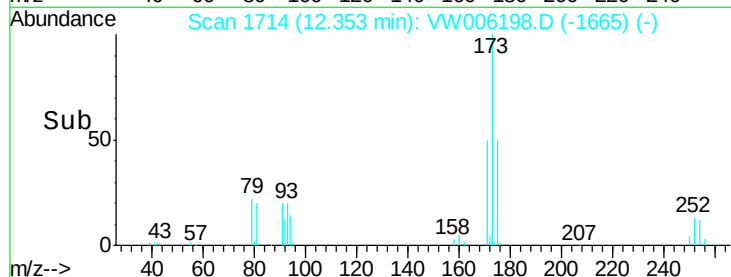
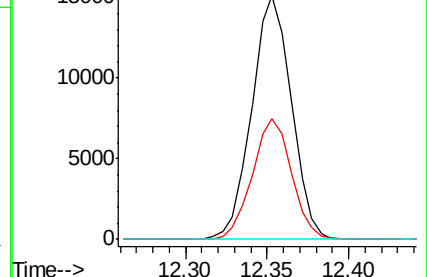
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

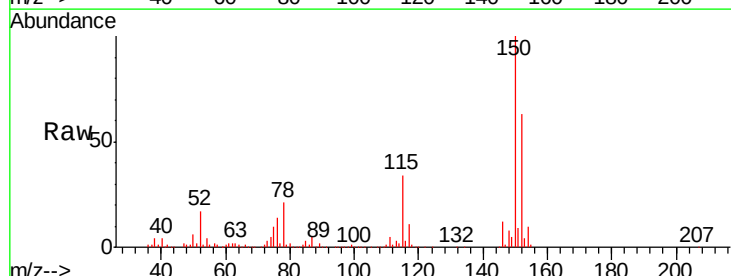
Tgt Ion:152 Resp: 186353

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.3

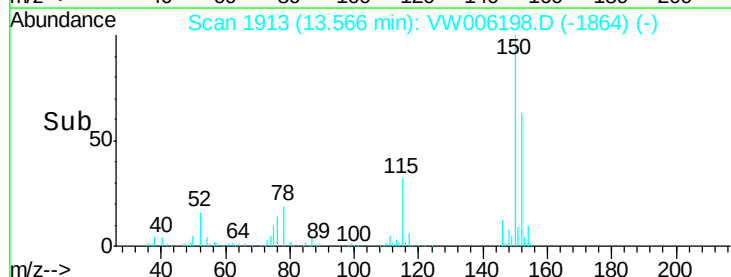
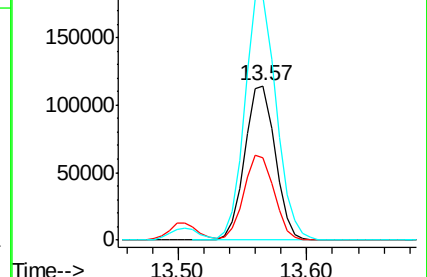
150 164.2 0.0 349.2

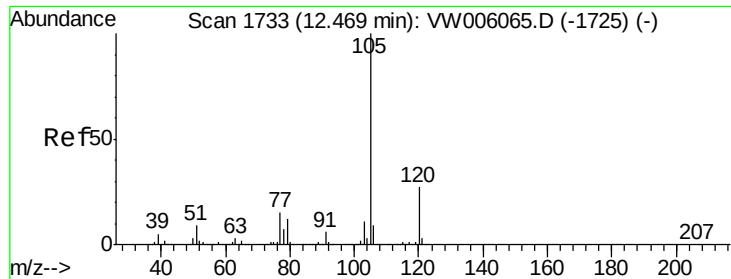


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





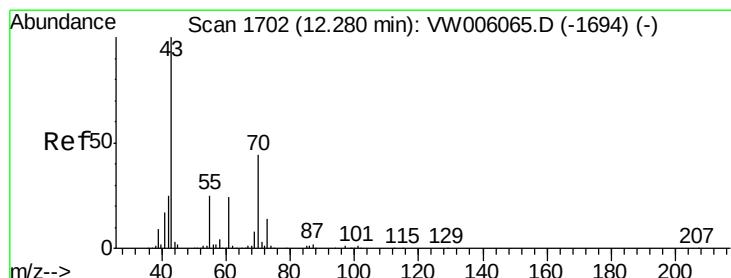
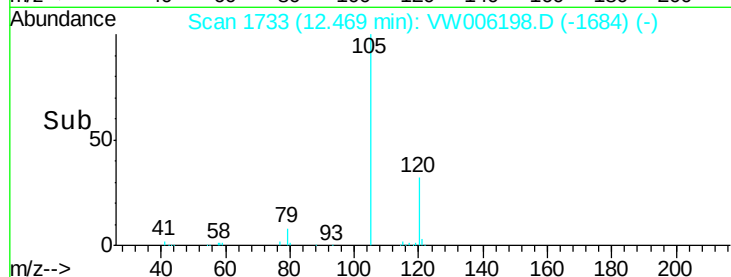
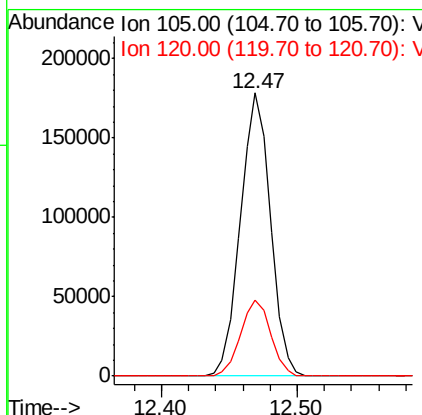
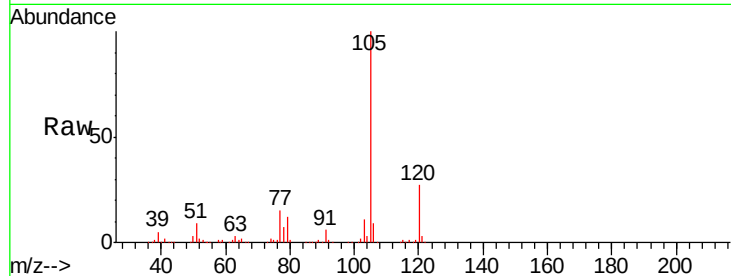
#73
Isopropylbenzene
Concen: 20.92 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.7

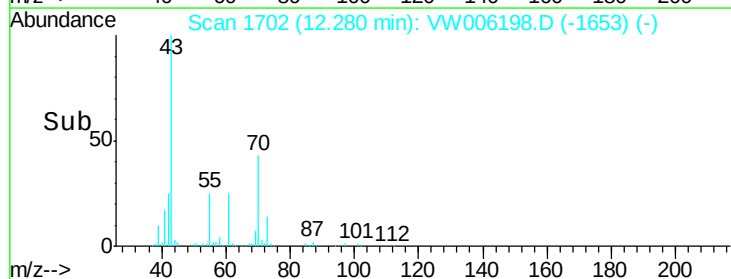
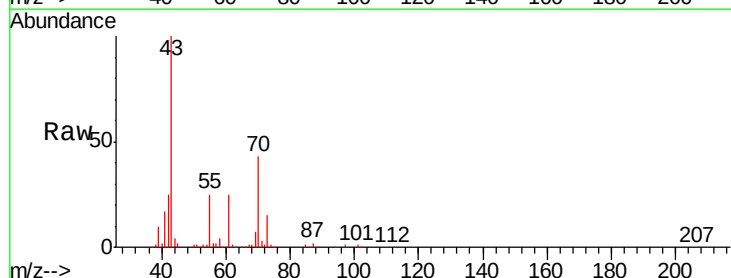
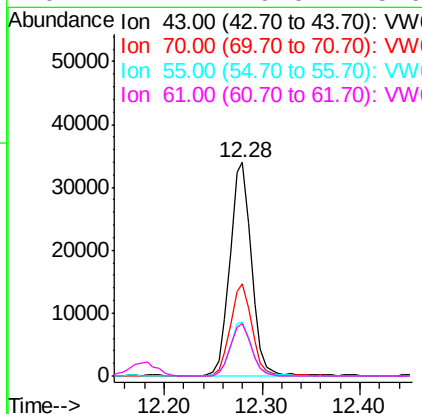
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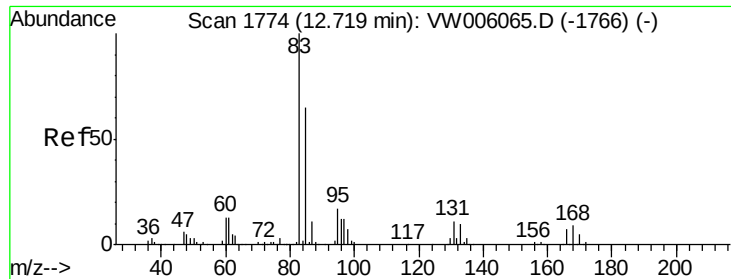
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#74
N-ethyl acetate
Concen: 20.39 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	34.2	51.4
55	25.3	19.2	28.8
61	24.1	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.71 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

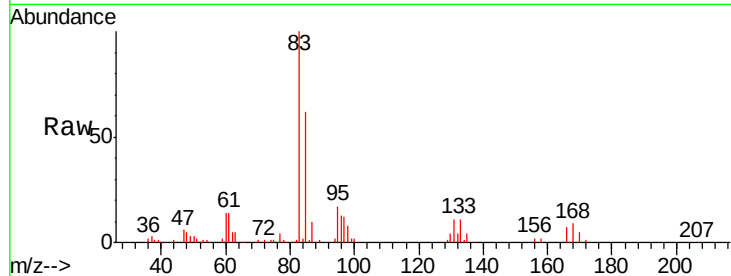
ClientSampleId :

VW1018SBS02

Tgt Ion:	83	Resp:	43466
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.9	17.7
85	64.2	31.9	95.9

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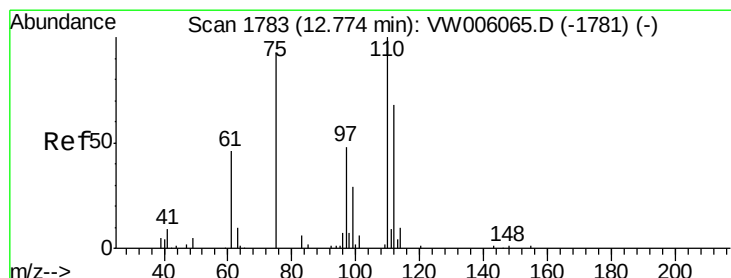
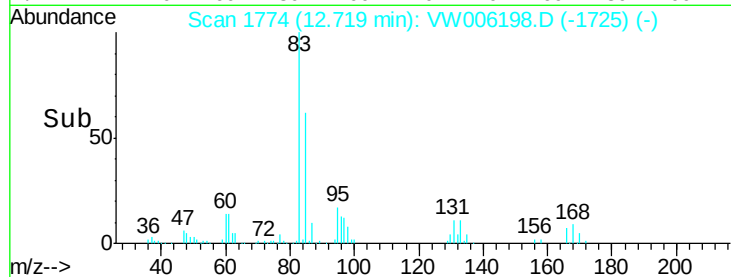
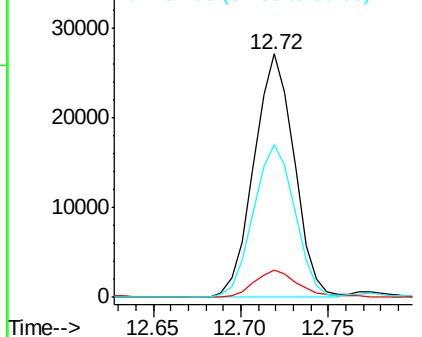
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 20.14 ug/l m

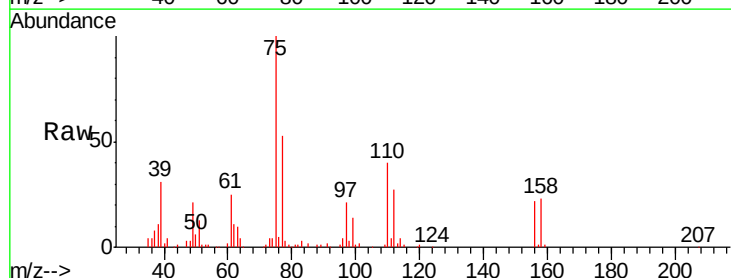
RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006198.D

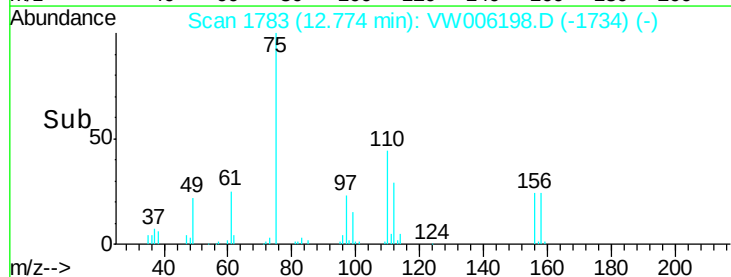
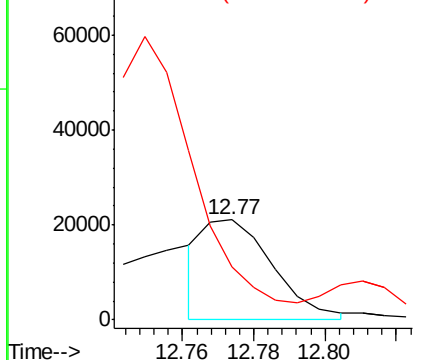
Acq: 19 Oct 2018 03:03

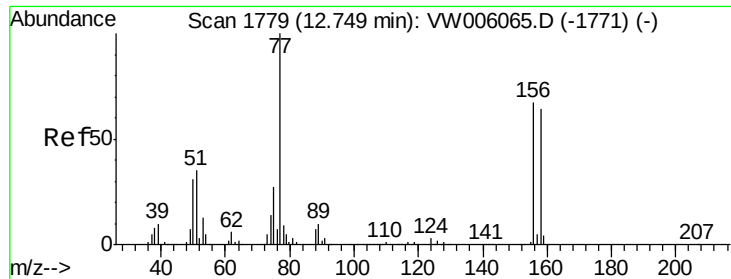
Tgt Ion:	75	Resp:	28664
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.22 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

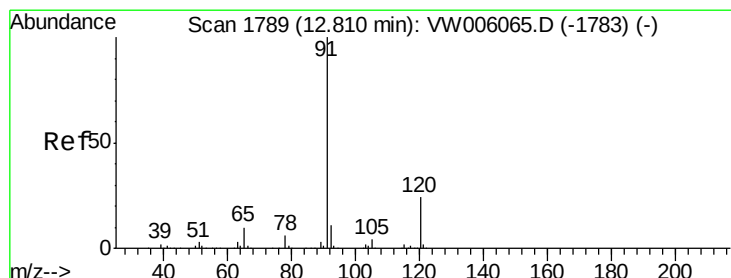
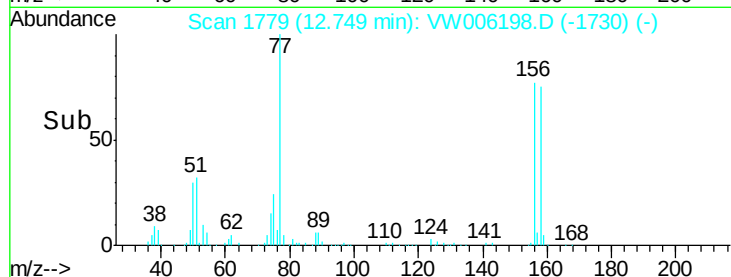
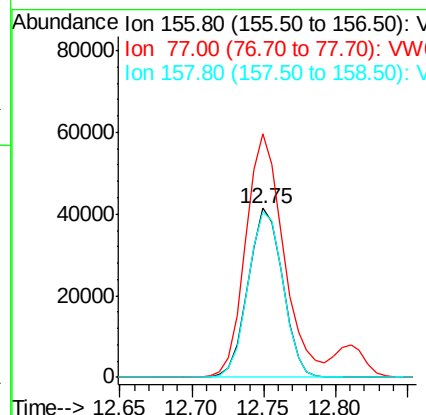
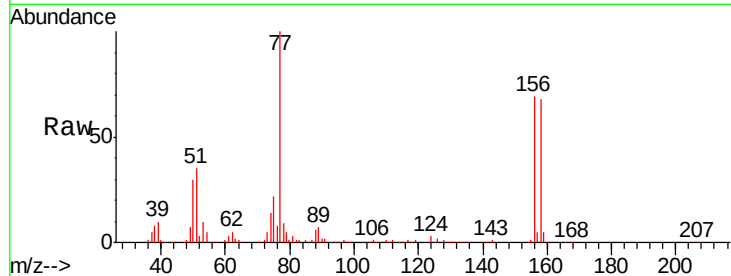
ClientSampleId :

VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	159.4	79.1	237.4
158	99.0	48.5	145.6

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#78

n-propylbenzene

Concen: 20.90 ug/l

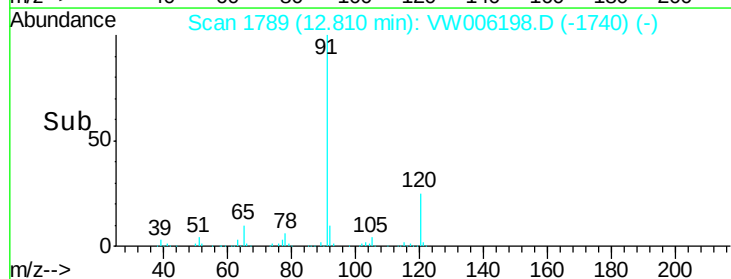
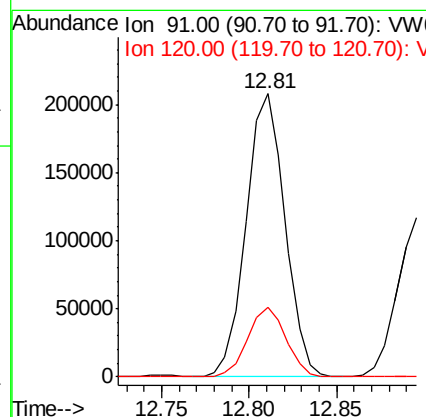
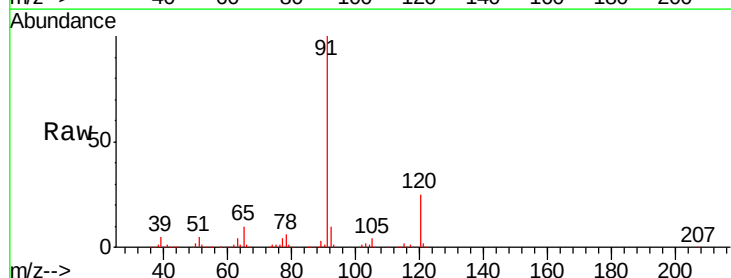
RT: 12.81 min Scan# 1789

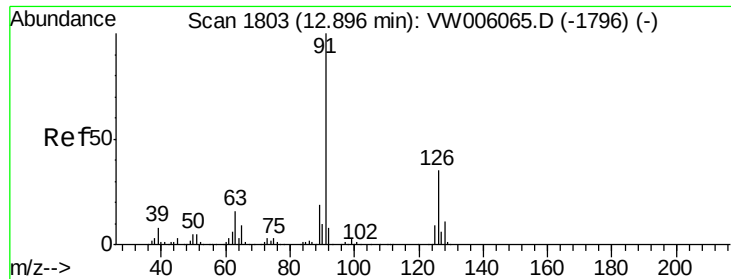
Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.6





#79

2-Chlorotoluene

Concen: 21.39 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

Tgt Ion: 91 Resp: 184046

Ion Ratio Lower Upper

91 100

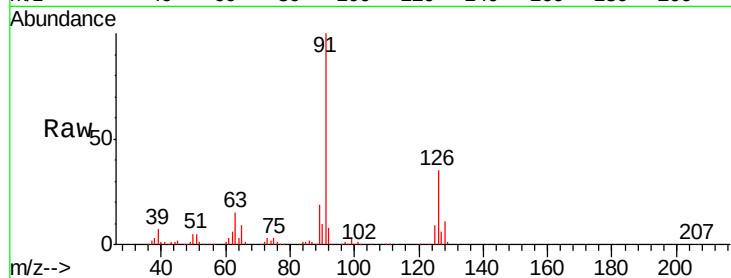
126 36.1 17.9 53.8

Manual Integrations

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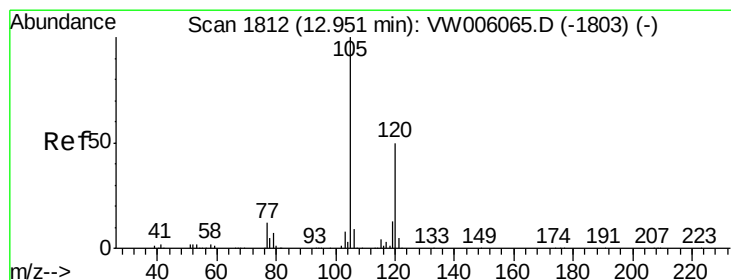
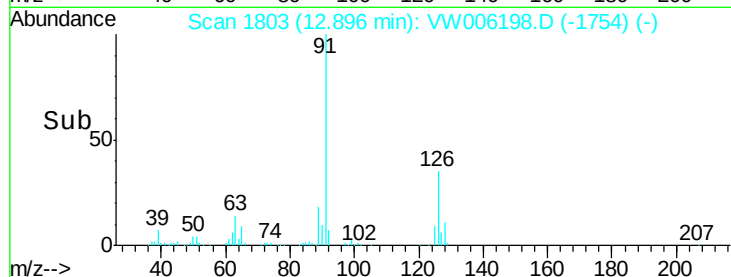
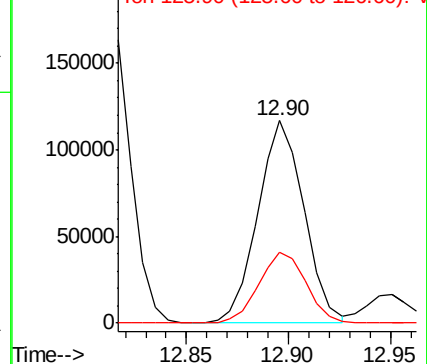
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.07 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006198.D

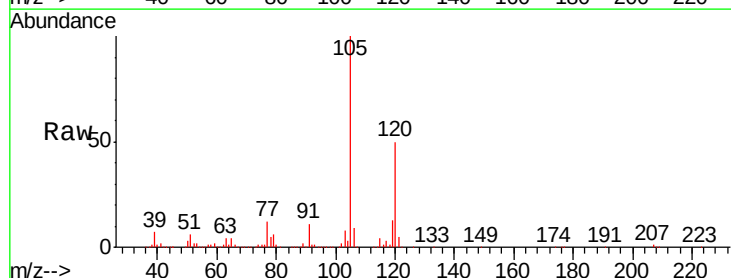
Acq: 19 Oct 2018 03:03

Tgt Ion: 105 Resp: 233801

Ion Ratio Lower Upper

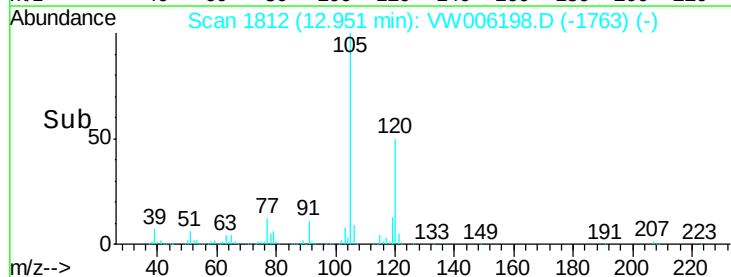
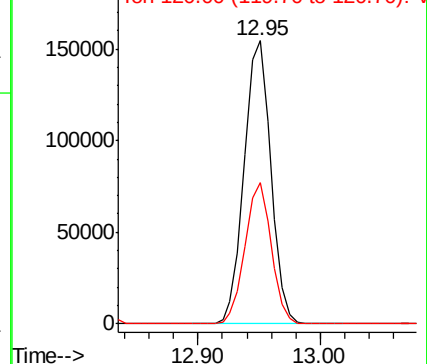
105 100

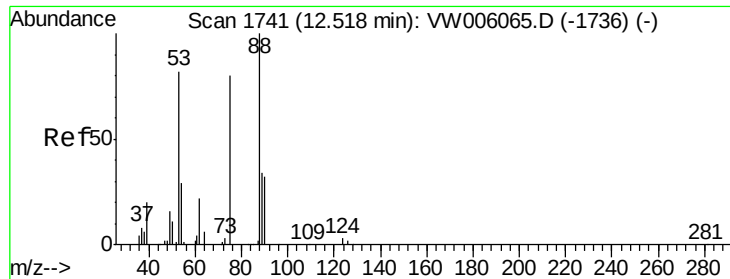
120 49.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





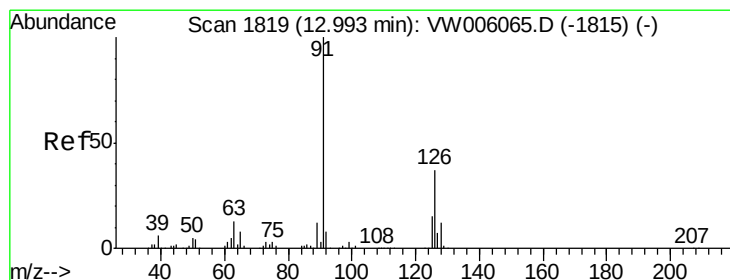
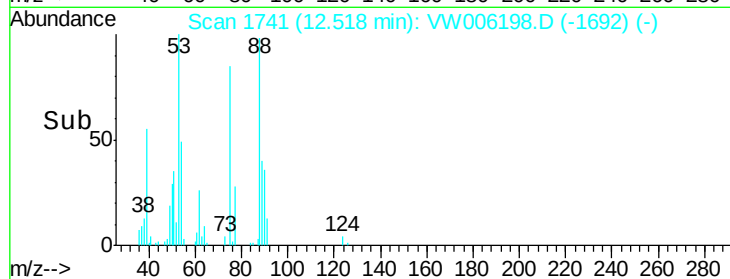
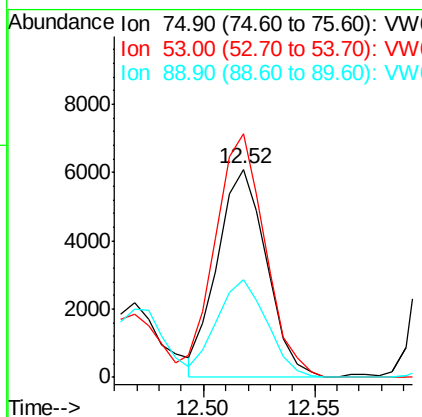
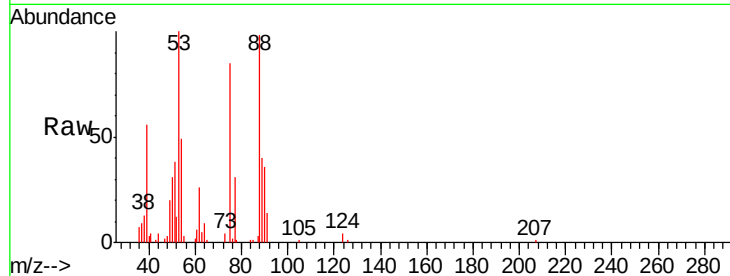
#81
trans-1,4-Dichloro-2-butene
Concen: 15.70 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	119.5	79.8	119.6
89	48.2	37.5	56.3

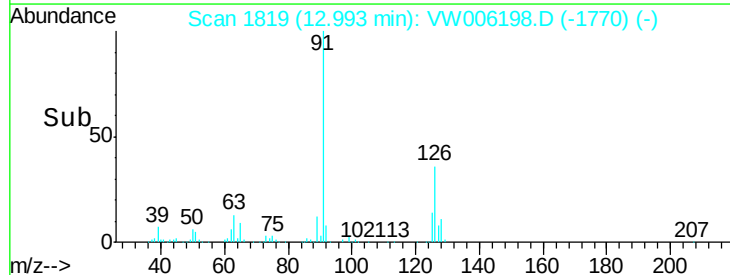
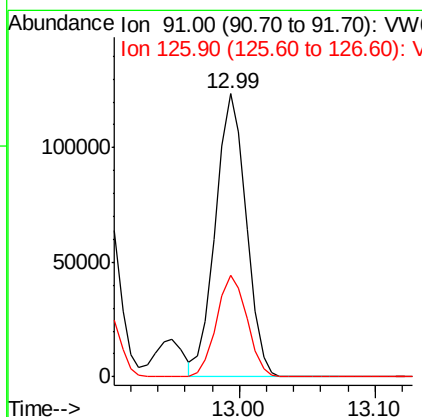
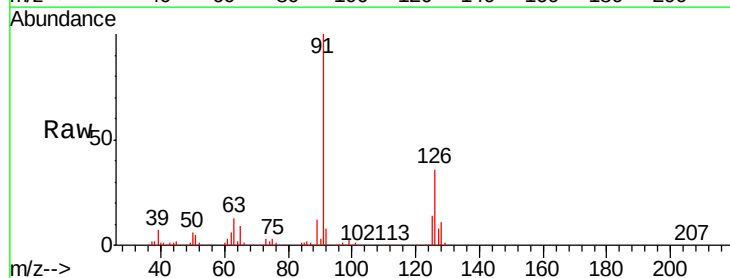
Manual Integrations
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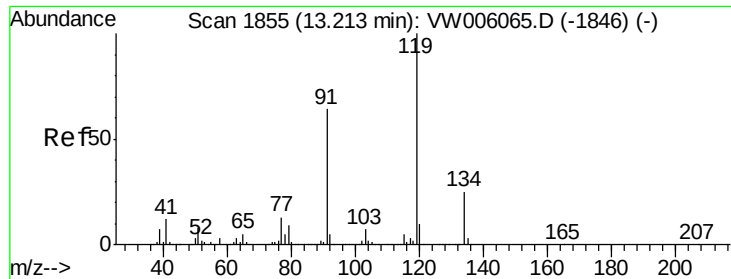
apatel
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#82
4-Chlorotoluene
Concen: 21.49 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.6	18.1	54.3





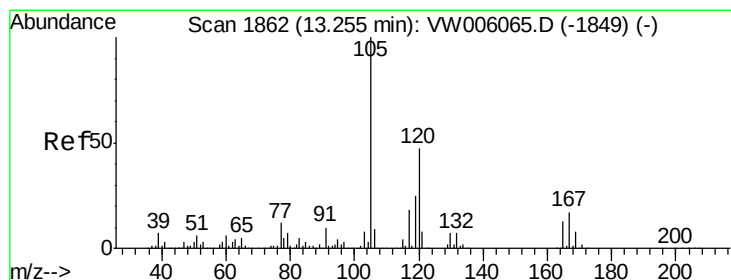
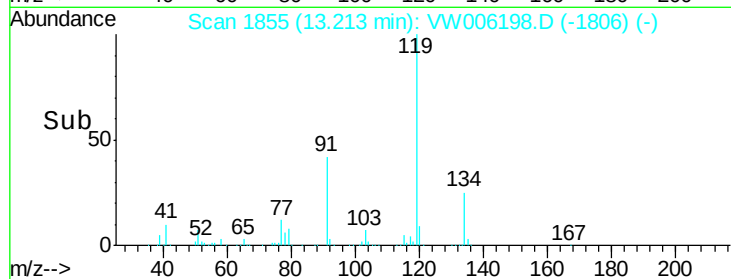
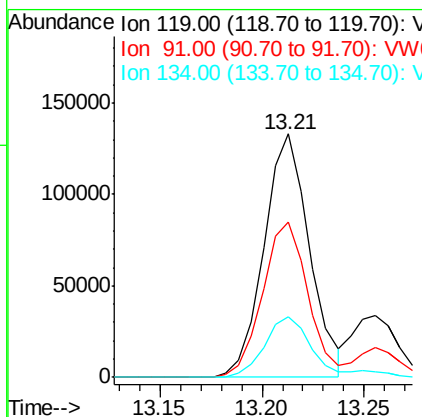
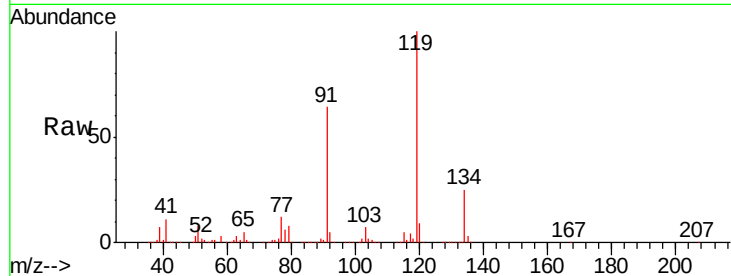
#83
 tert-Butylbenzene
 Concen: 20.84 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.7	32.3	96.9
134	25.2	13.6	40.8

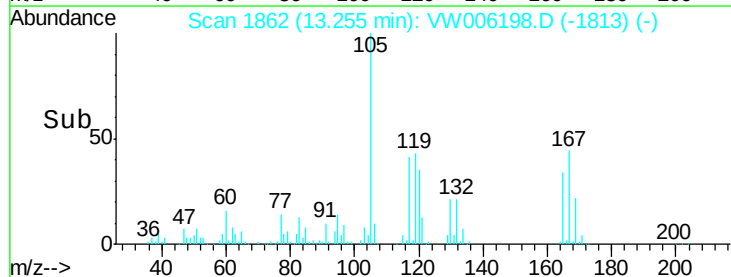
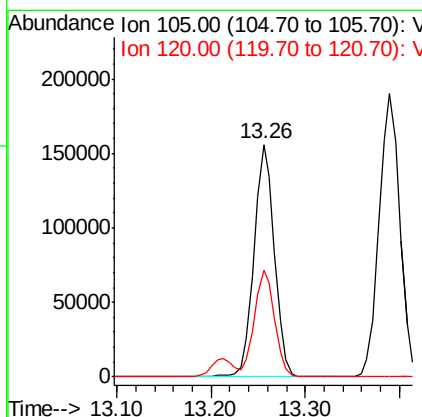
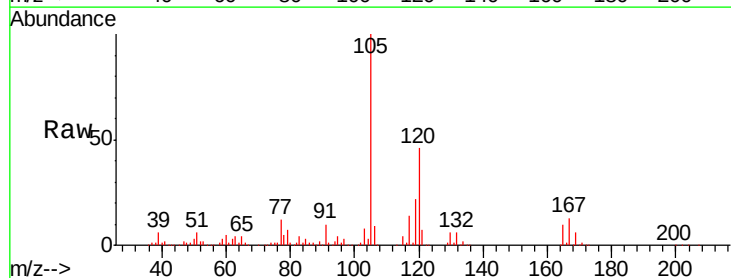
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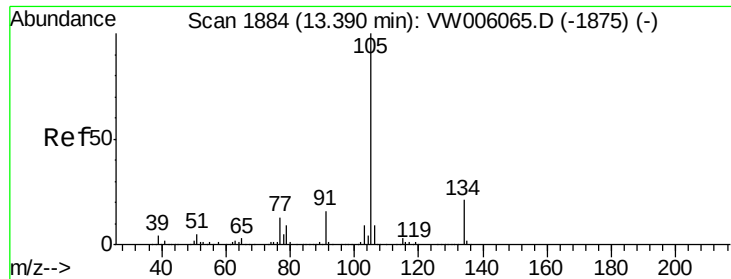
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.21 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3





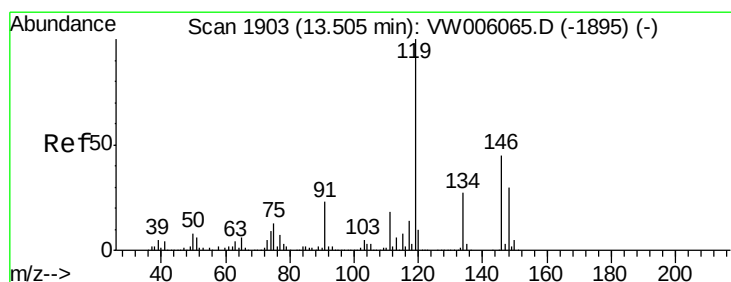
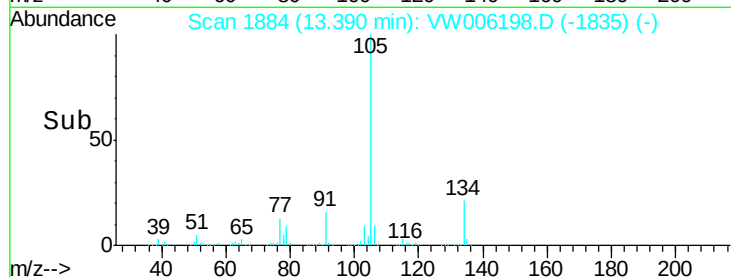
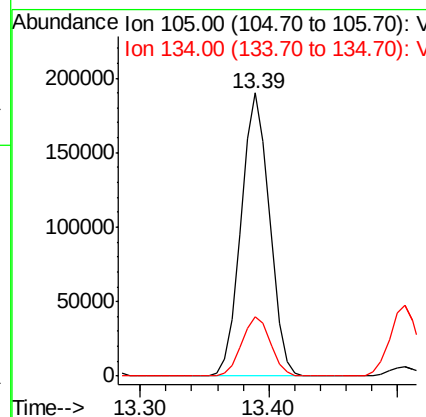
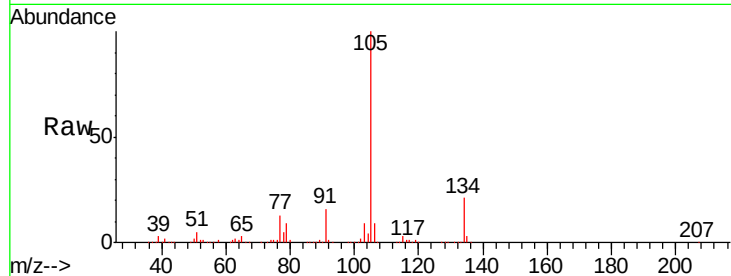
#85
 sec-Butylbenzene
 Concen: 20.72 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	290709		
134	21.2	10.5	31.6	

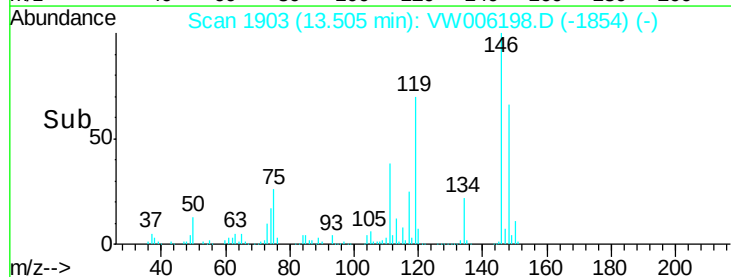
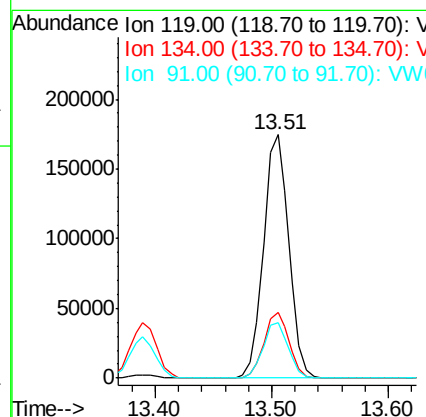
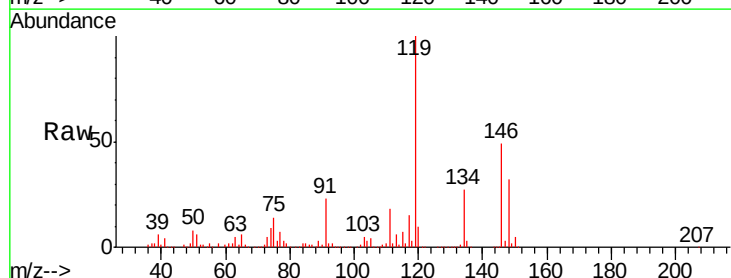
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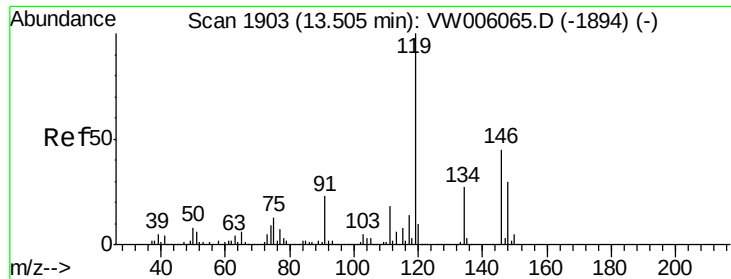
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#86
 p-Isopropyltoluene
 Concen: 20.84 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	264398		
134	26.8	13.4	40.2	
91	22.8	11.4	34.1	





#87

1,3-Dichlorobenzene

Concen: 21.42 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

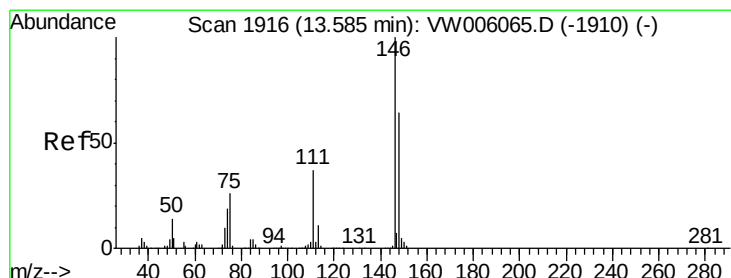
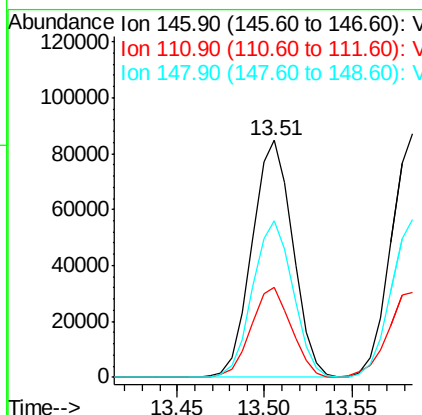
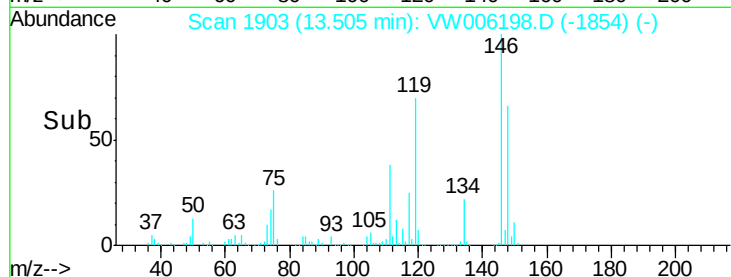
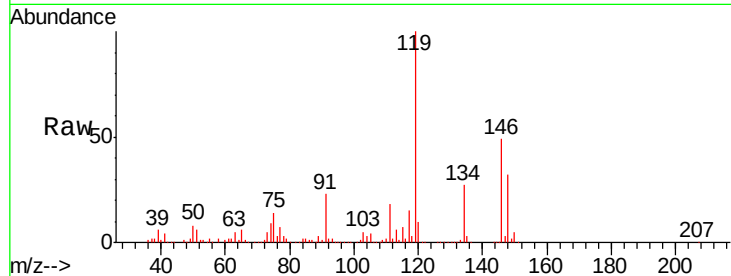
Instrument :
MSVOA_W

ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.5
148	65.0	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.62 ug/l

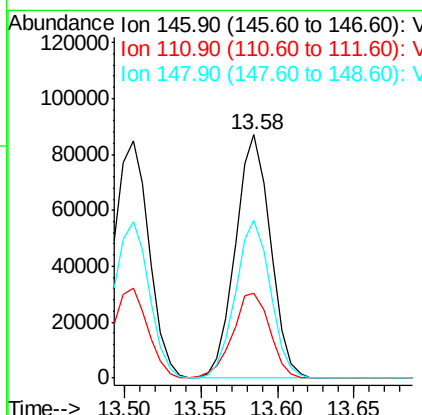
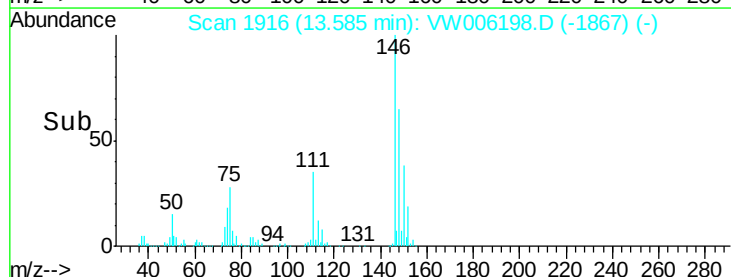
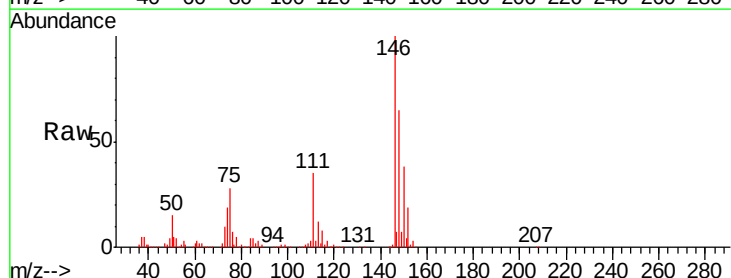
RT: 13.58 min Scan# 1916

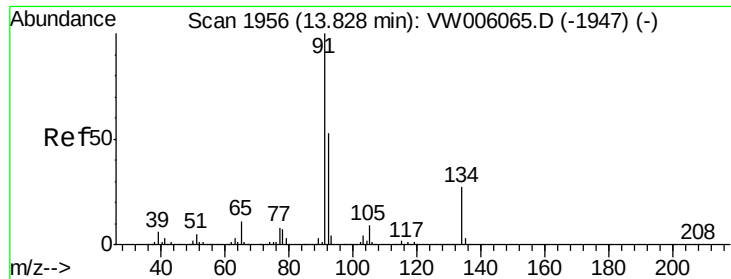
Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	56.0
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 20.67 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Instrument :

MSVOA_W

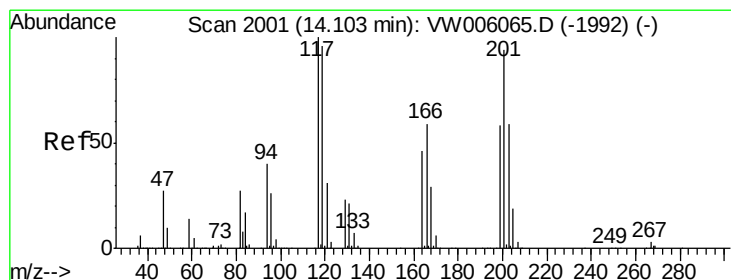
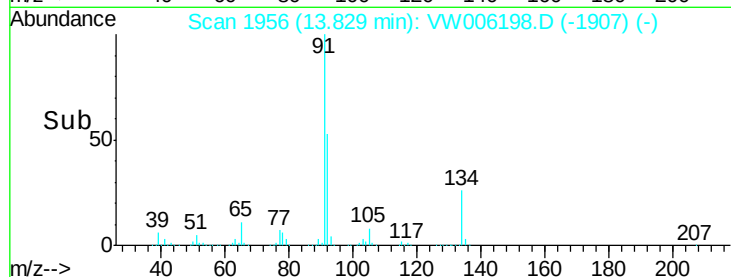
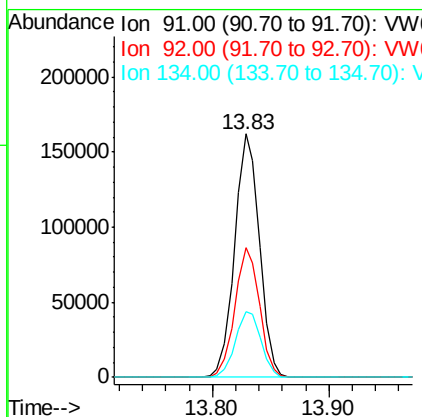
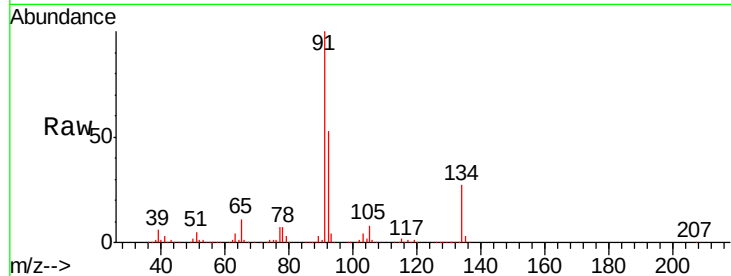
ClientSampleId :

VW1018SBS02

Tgt Ion:	91	Resp:	239829
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.7
134	27.9	14.0	41.9

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#90

Hexachloroethane

Concen: 17.93 ug/l

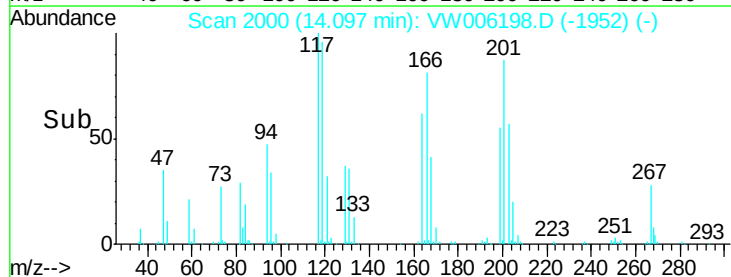
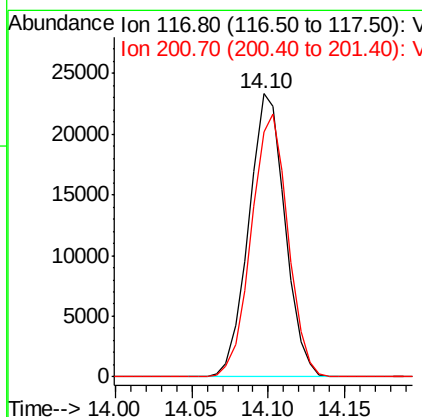
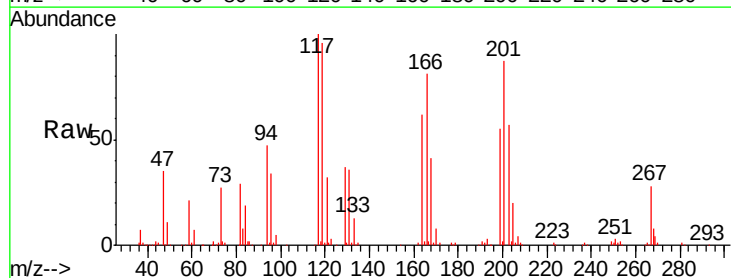
RT: 14.10 min Scan# 2000

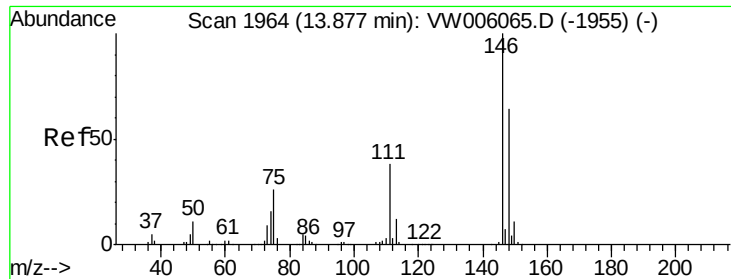
Delta R.T. -0.01 min

Lab File: VW006198.D

Acq: 19 Oct 2018 03:03

Tgt Ion:	117	Resp:	38527
Ion	Ratio	Lower	Upper
117	100		
201	93.5	45.3	135.9





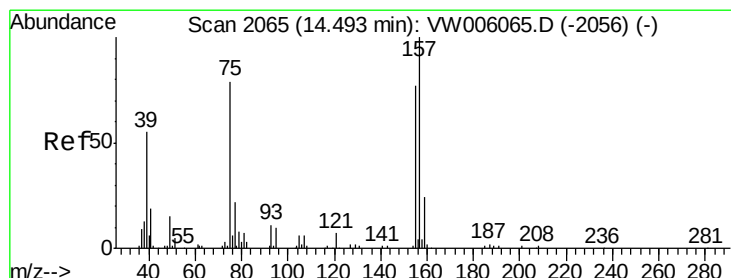
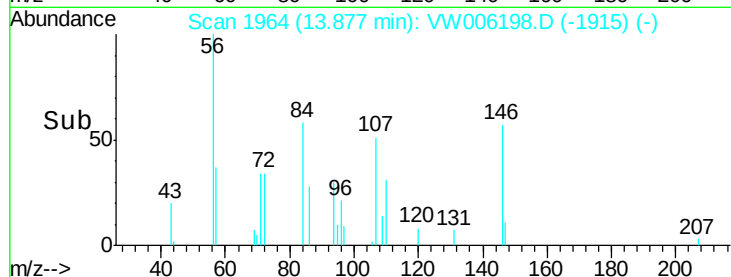
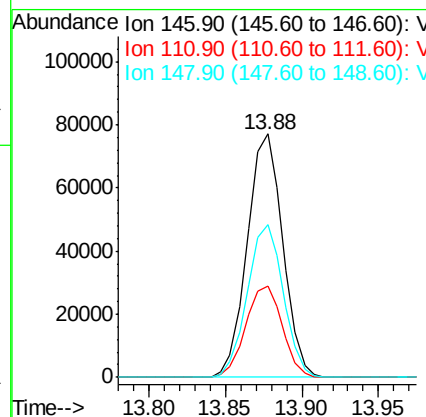
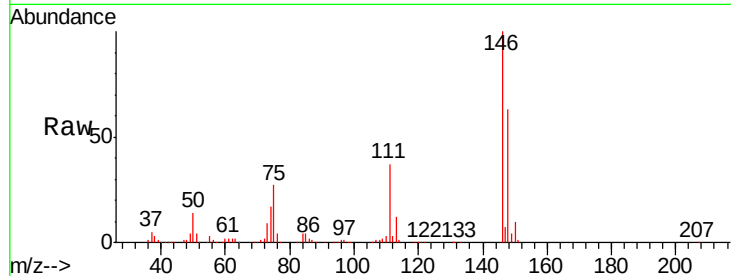
#91
 1,2-Dichlorobenzene
 Concen: 21.81 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	63.4	32.2	96.6

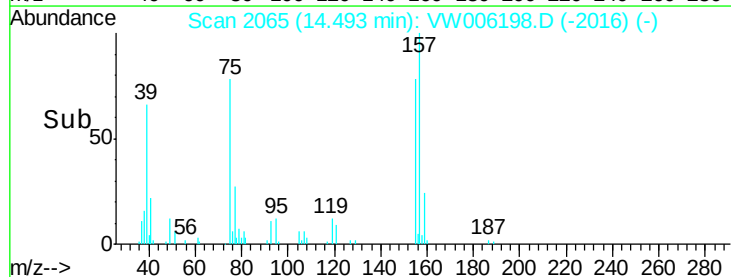
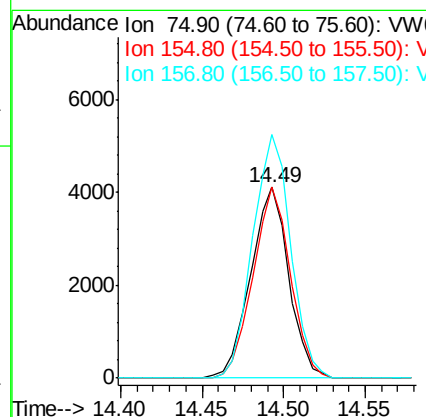
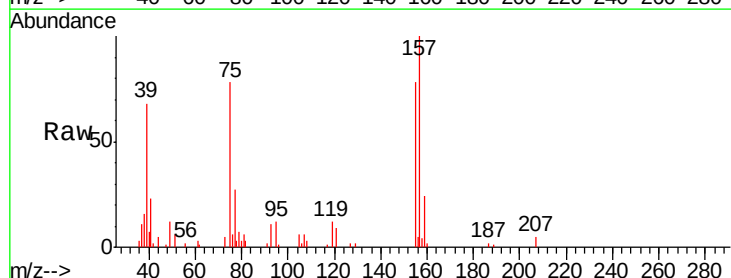
Manual Integrations
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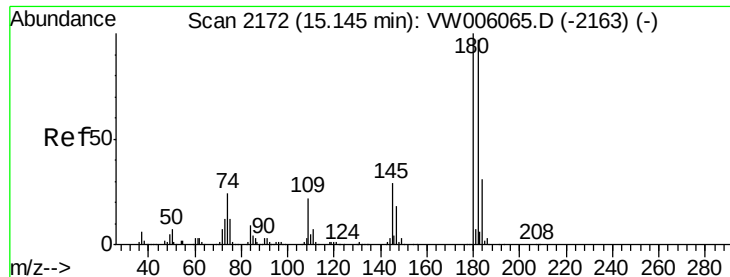
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.60 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	46.5	139.5
157	127.2	59.8	179.4





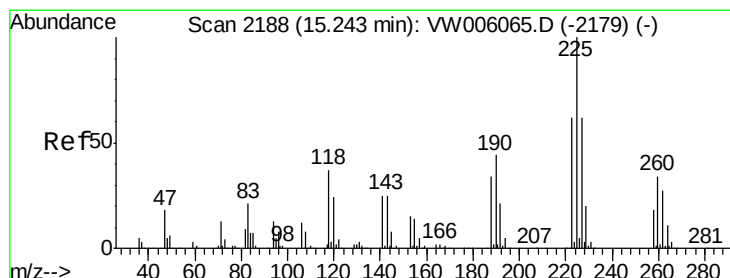
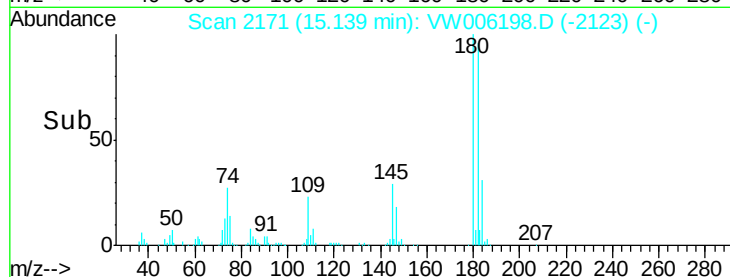
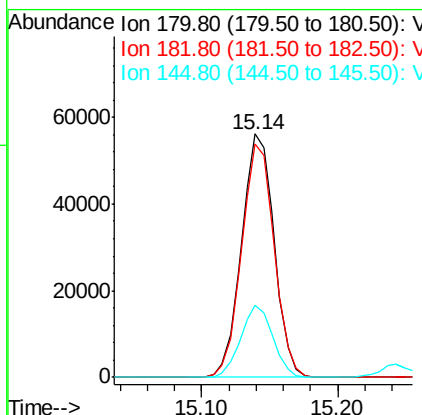
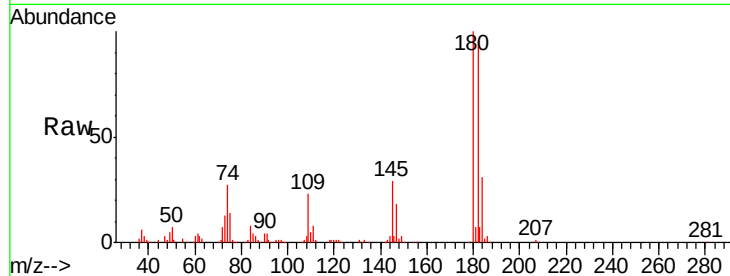
#93
 1,2,4-Trichlorobenzene
 Concen: 21.36 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	29.0	14.2	42.8

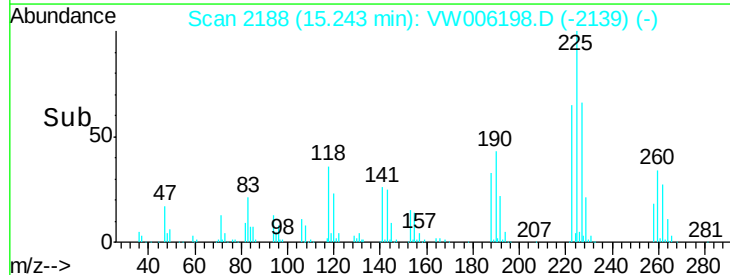
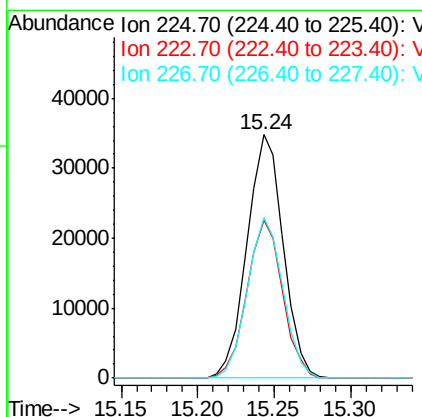
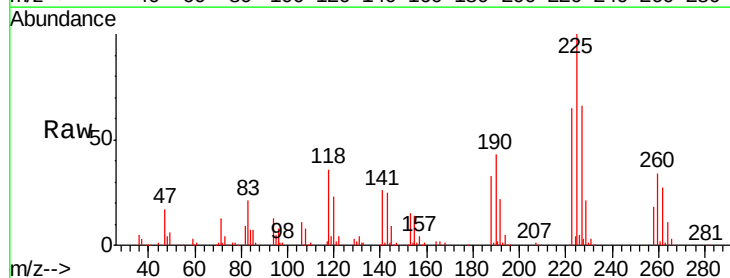
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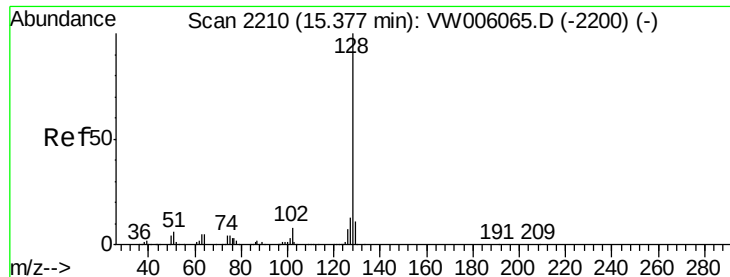
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#94
 Hexachlorobutadiene
 Concen: 20.70 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006198.D
 Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.5
227	64.6	32.4	97.0





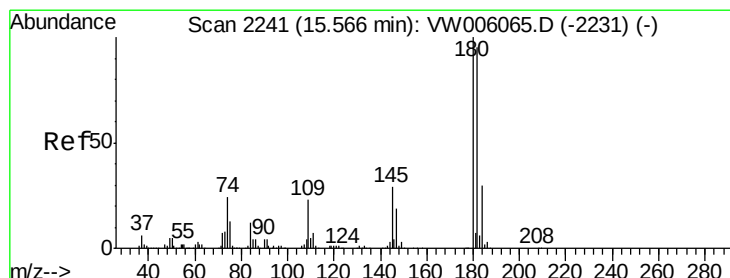
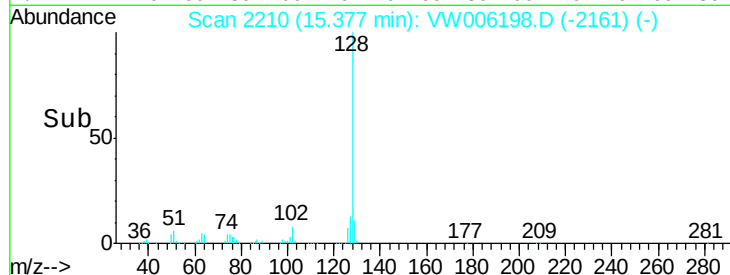
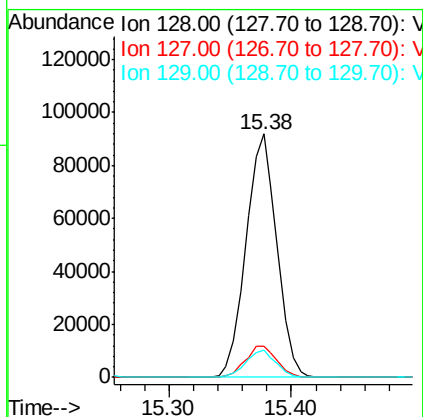
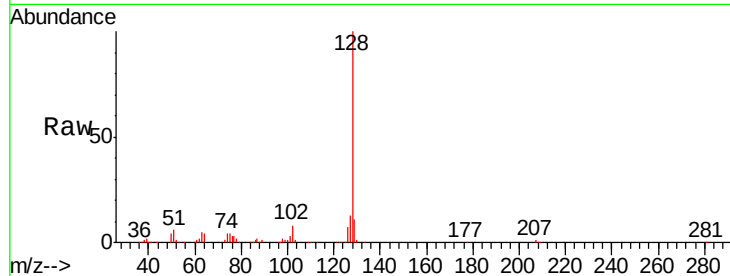
#95
Naphthalene
Concen: 21.92 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	160589		
127	13.1	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

apatel
10/19/2018 12:54:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.99 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006198.D
Acq: 19 Oct 2018 03:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83772		
182	94.9	47.8	143.3	
145	30.4	15.0	45.1	

