

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006823.D
 Acq On : 13 Nov 2018 00:11
 Operator : SY/AP
 Sample : VW1112SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Manual Integrations
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Quant Time: Nov 13 03:26:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	390956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111545	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	7.89	113	114806	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.33	98	446794	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.62	95	169018	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	51430	22.378	ug/l	98
3) Chloromethane	2.21	50	62260	24.029	ug/l	99
4) Vinyl Chloride	2.35	62	62265	22.387	ug/l	99
5) Bromomethane	2.77	94	42934	22.945	ug/l	94
6) Chloroethane	2.92	64	41104	22.902	ug/l	98
7) Trichlorofluoromethane	3.26	101	79120	21.551	ug/l	94
8) Diethyl Ether	3.69	74	25885	24.027	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52245	20.987	ug/l	100
10) Methyl Iodide	4.27	142	69002	19.777	ug/l	99
11) Tert butyl alcohol	5.21	59	16704	125.039	ug/l	99
12) 1,1-Dichloroethene	4.04	96	45512	21.643	ug/l	99
13) Acrolein	3.90	56	16693	119.476	ug/l	98
14) Allyl chloride	4.68	41	60106	21.732	ug/l	98
15) Acrylonitrile	5.38	53	49903	122.313	ug/l	100
16) Acetone	4.15	43	35743	122.293	ug/l	100
17) Carbon Disulfide	4.38	76	145355	21.858	ug/l	99
18) Methyl Acetate	4.68	43	24640	24.646	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	126109	25.261	ug/l	98
20) Methylene Chloride	4.92	84	65415	21.636	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	54781	22.089	ug/l	100
22) Diisopropyl ether	6.32	45	140575	24.473	ug/l	97
23) Vinyl Acetate	6.26	43	403156	124.504	ug/l	99
24) 1,1-Dichloroethane	6.22	63	87170	22.883	ug/l	99
25) 2-Butanone	7.18	43	61220	123.857	ug/l	97
26) 2,2-Dichloropropane	7.17	77	76244	19.892	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61220	23.155	ug/l	98
28) Bromochloromethane	7.52	49	31185	23.403	ug/l	100
29) Tetrahydrofuran	7.54	42	37816	119.550	ug/l	99
30) Chloroform	7.68	83	96862	23.287	ug/l	99
31) Cyclohexane	7.96	56	84672	21.714	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	90511	22.544	ug/l	100
36) 1,1-Dichloropropene	8.09	75	78991	21.590	ug/l	100
37) Ethyl Acetate	7.26	43	29453	24.619	ug/l	100
38) Carbon Tetrachloride	8.07	117	82052	20.635	ug/l	97

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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	91401	19.256	ug/l	99
40) Benzene	8.33	78	222175	21.839	ug/l	99
41) Methacrylonitrile	7.49	41	18158	24.719	ug/l	96
42) 1,2-Dichloroethane	8.40	62	62335	22.870	ug/l	100
43) Isopropyl Acetate	8.43	43	55038	23.655	ug/l	99
44) Trichloroethene	9.10	130	69896	21.774	ug/l	98
45) 1,2-Dichloropropane	9.37	63	54655	23.051	ug/l	99
46) Dibromomethane	9.46	93	29984	22.718	ug/l	98
47) Bromodichloromethane	9.65	83	74433	22.737	ug/l	99
48) Methyl methacrylate	9.44	41	24220	21.232	ug/l	95
49) 1,4-Dioxane	9.48	88	9299	466.341	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	134806	115.548	ug/l	97
52) Toluene	10.39	92	149178	20.684	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71251	22.108	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	85757	22.440	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	46386	23.684	ug/l	96
56) Ethyl methacrylate	10.65	69	46305	21.573	ug/l	99
57) 1,3-Dichloropropane	10.94	76	72886	23.499	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	124932	116.216	ug/l	98
59) 2-Hexanone	10.97	43	90431	112.375	ug/l	100
60) Dibromochloromethane	11.13	129	54256	22.640	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43621	23.451	ug/l	98
64) Tetrachloroethene	10.87	164	64072	20.882	ug/l	97
65) Chlorobenzene	11.66	112	173369	20.410	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60185	21.836	ug/l	100
67) Ethyl Benzene	11.74	91	289953	20.023	ug/l	97
68) m/p-Xylenes	11.85	106	241258	40.720	ug/l	98
69) o-Xylene	12.17	106	111092	20.147	ug/l	96
70) Styrene	12.19	104	183179	20.755	ug/l	100
71) Bromoform	12.35	173	32967	21.916	ug/l #	100
73) Isopropylbenzene	12.47	105	299424	19.743	ug/l	99
74) N-amyl acetate	12.28	43	50208	21.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47205	22.501	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	35978m	22.850	ug/l	
77) Bromobenzene	12.75	156	80157	20.964	ug/l	99
78) n-propylbenzene	12.81	91	356694	19.928	ug/l	99
79) 2-Chlorotoluene	12.90	91	204671	20.381	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	263771	20.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12635	19.849	ug/l	97
82) 4-Chlorotoluene	12.99	91	219916	20.525	ug/l	99
83) tert-Butylbenzene	13.21	119	228737	19.848	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	271778	20.484	ug/l	99
85) sec-Butylbenzene	13.39	105	318667	19.514	ug/l	99
86) p-Isopropyltoluene	13.51	119	293180	19.738	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	158232	20.305	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	159183	20.647	ug/l	99
89) n-Butylbenzene	13.83	91	260586	19.196	ug/l	100
90) Hexachloroethane	14.10	117	46416	19.529	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	141426	20.840	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7203	21.445	ug/l	97

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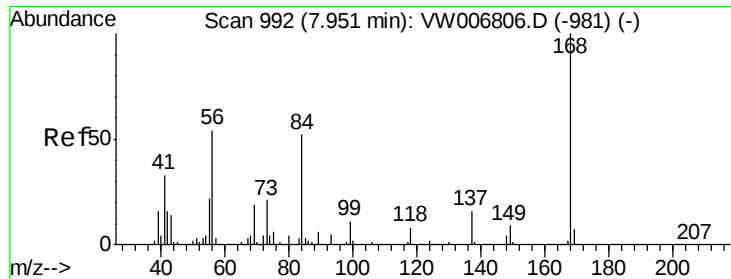
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	102046	19.917	ug/l	98
94) Hexachlorobutadiene	15.24	225	62954	19.391	ug/l	99
95) Naphthalene	15.38	128	157661	20.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	90358	20.550	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion:168 Resp: 278392

Ion Ratio Lower Upper

168 100

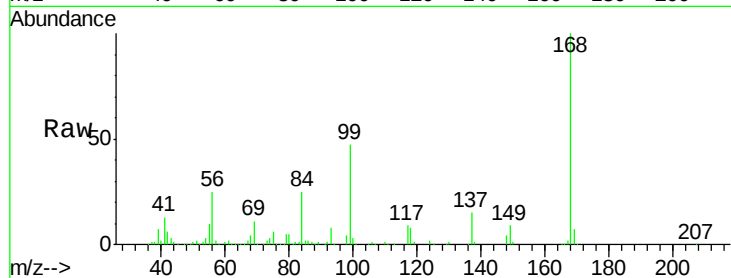
99 47.3 37.3 55.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

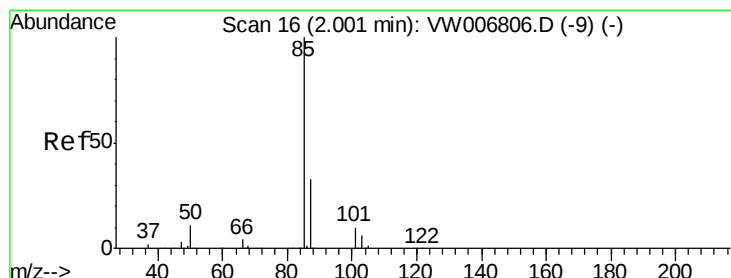
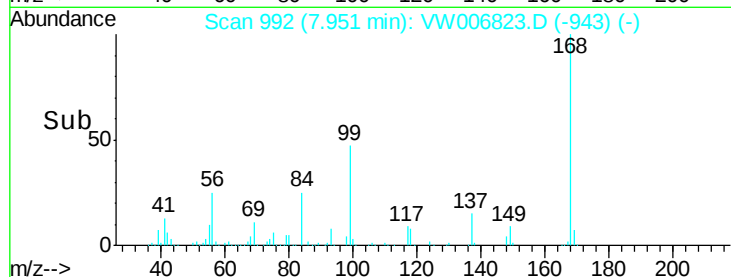
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.378 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006823.D

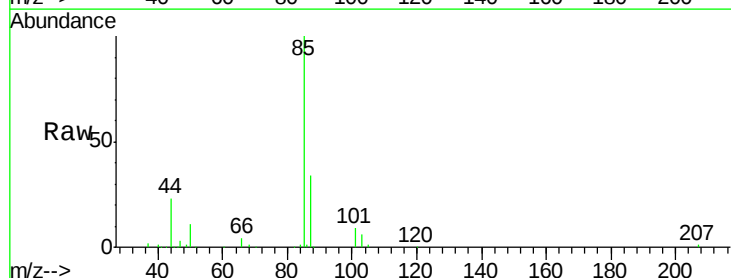
Acq: 13 Nov 2018 00:11

Tgt Ion: 85 Resp: 51430

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

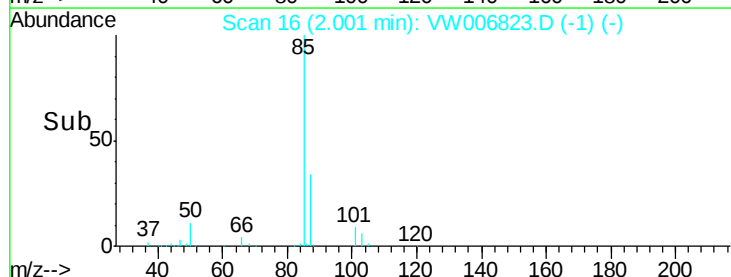
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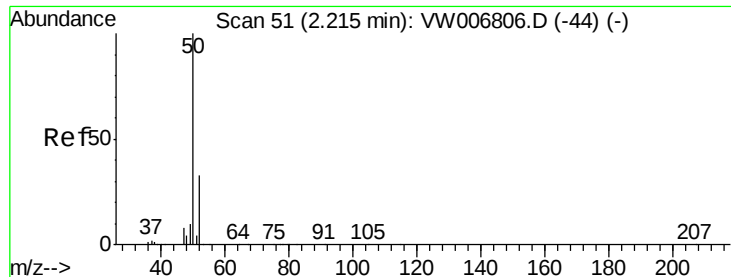
10000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 24.029 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 50 Resp: 62260

Ion Ratio Lower Upper

50 100

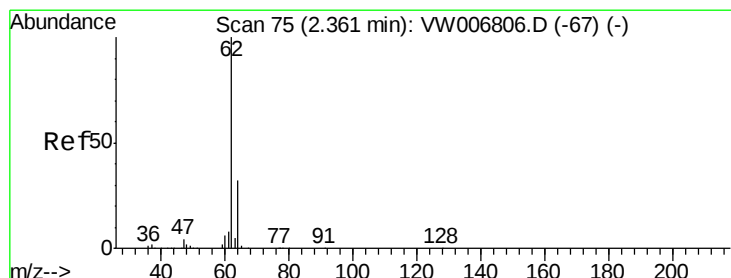
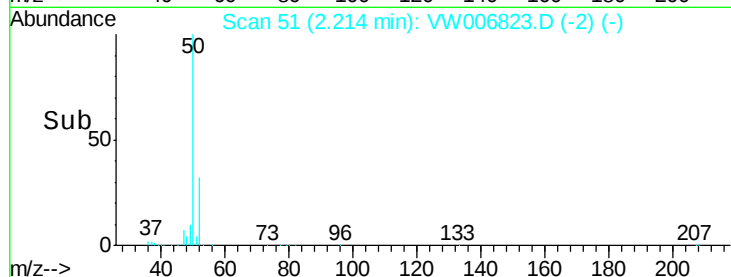
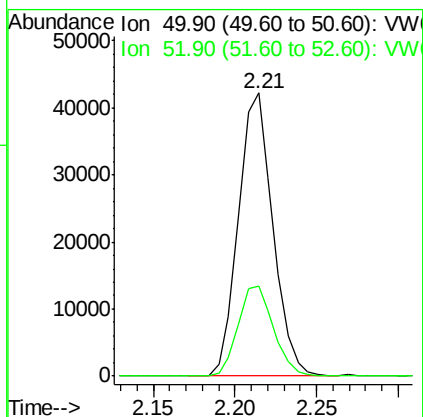
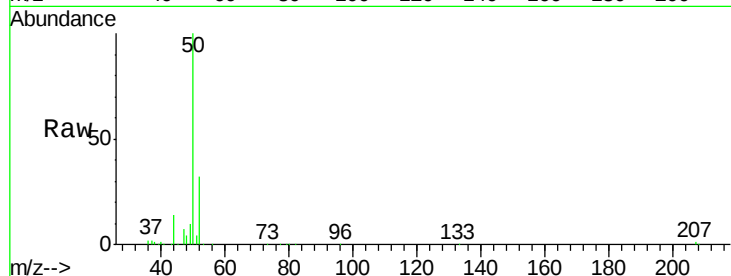
52 32.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 22.387 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006823.D

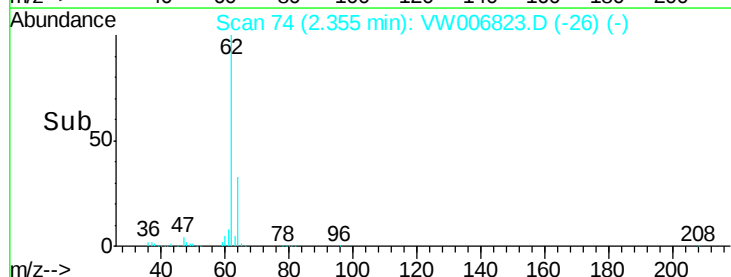
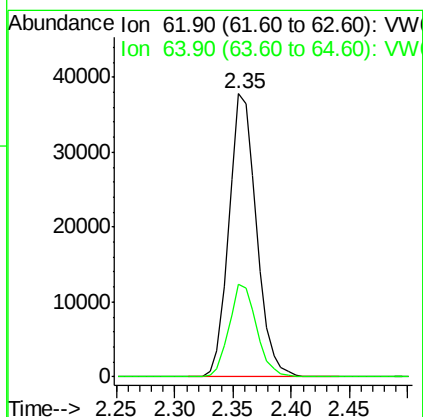
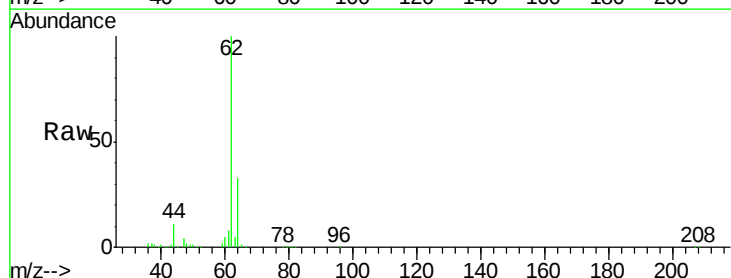
Acq: 13 Nov 2018 00:11

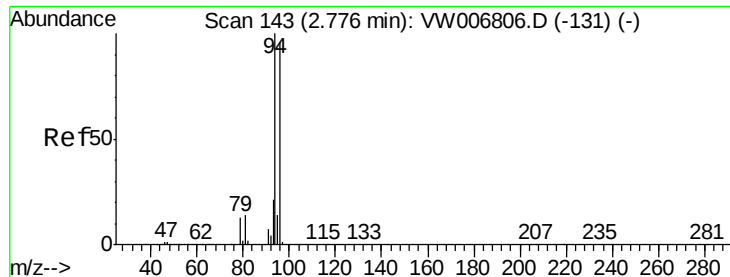
Tgt Ion: 62 Resp: 62265

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 22.945 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 94 Resp: 42934

Ion Ratio Lower Upper

94 100

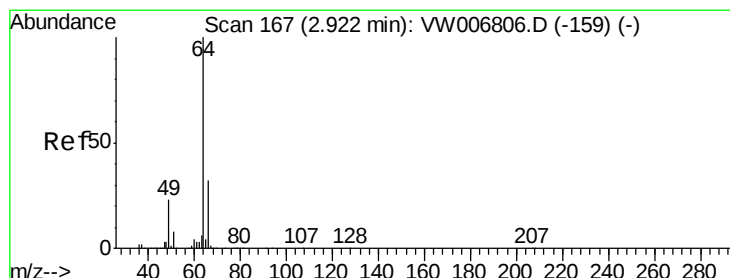
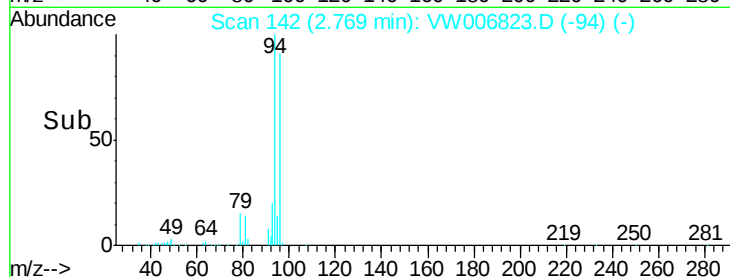
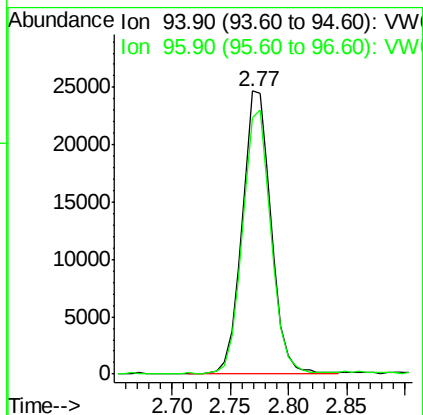
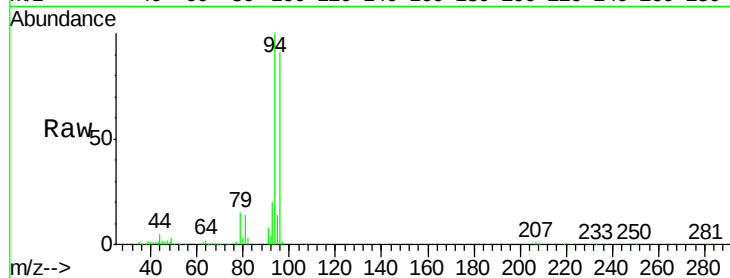
96 90.3 76.8 115.2

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#6

Chloroethane

Concen: 22.902 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006823.D

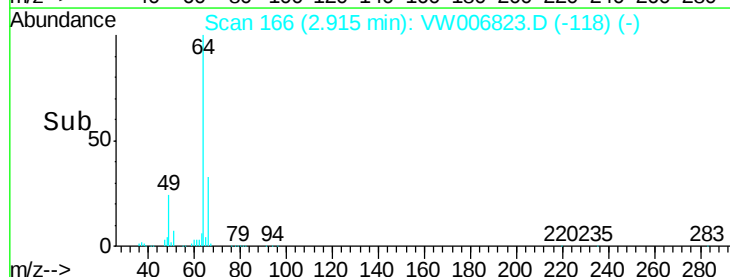
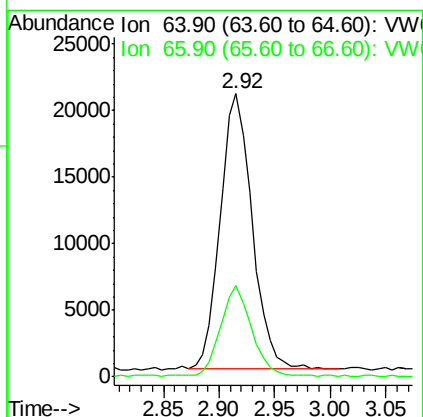
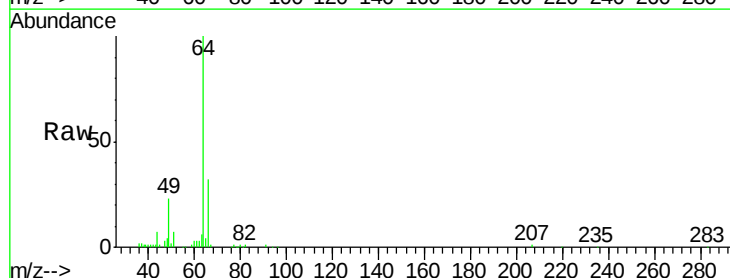
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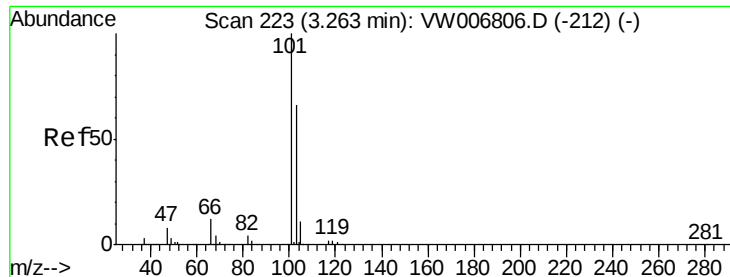
Tgt Ion: 64 Resp: 41104

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3





#7

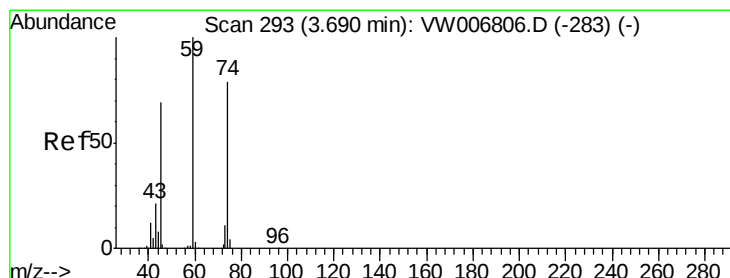
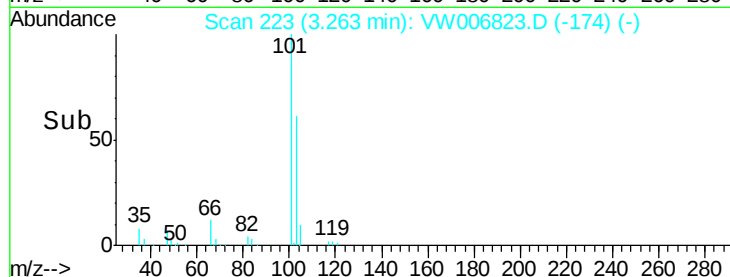
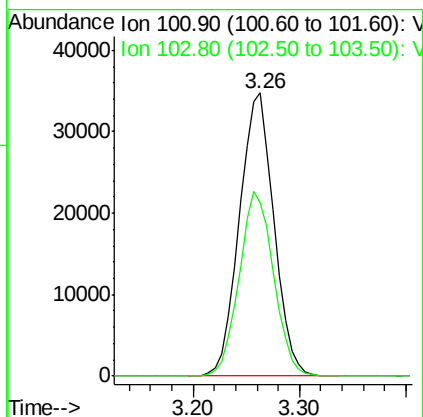
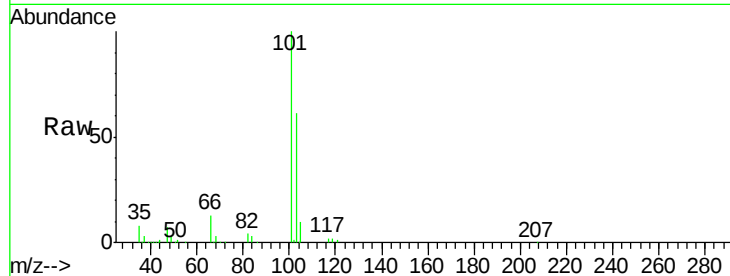
Trichlorofluoromethane
 Concen: 21.551 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
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 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.2	52.6	79.0

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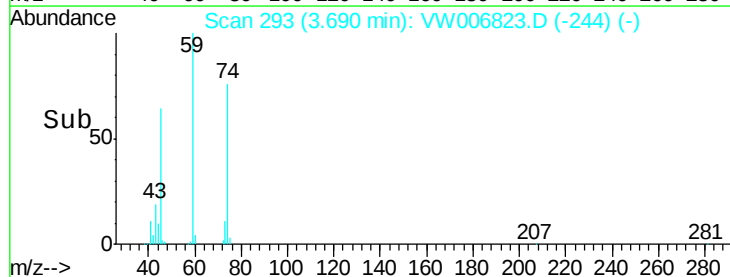
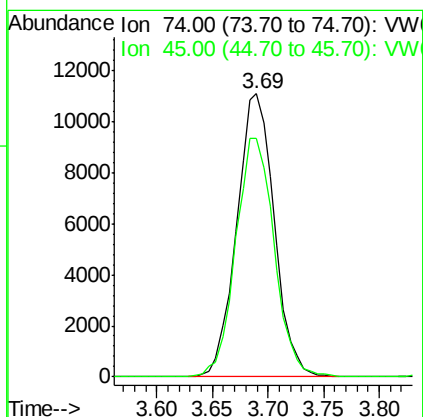
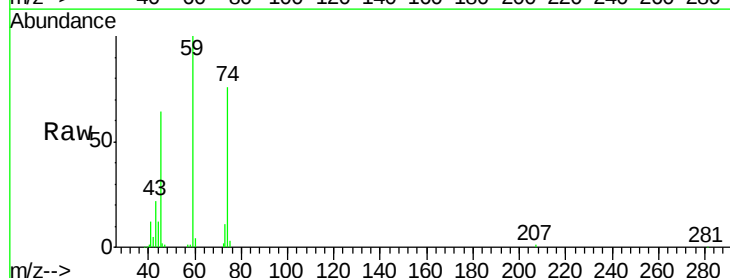
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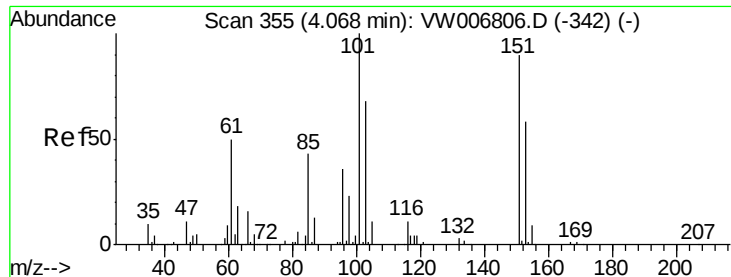


#8

Diethyl Ether
 Concen: 24.027 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.0	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.987 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

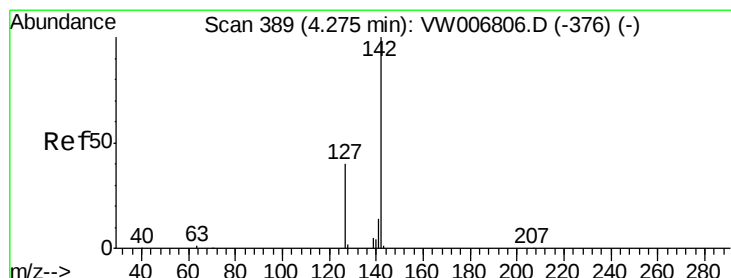
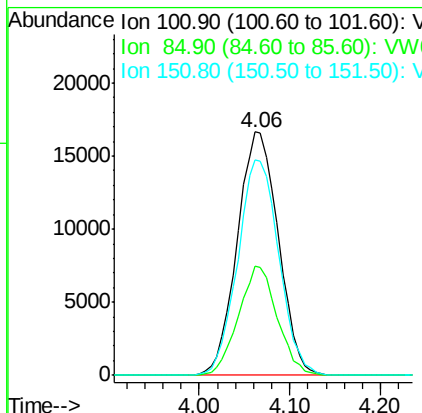
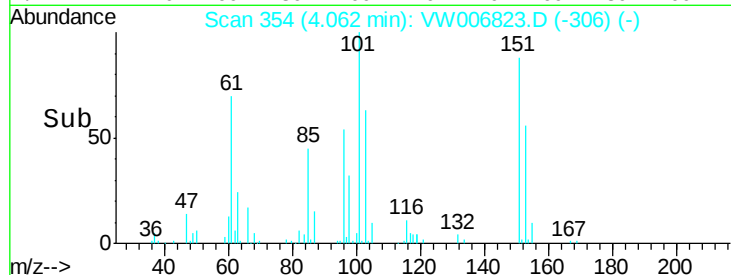
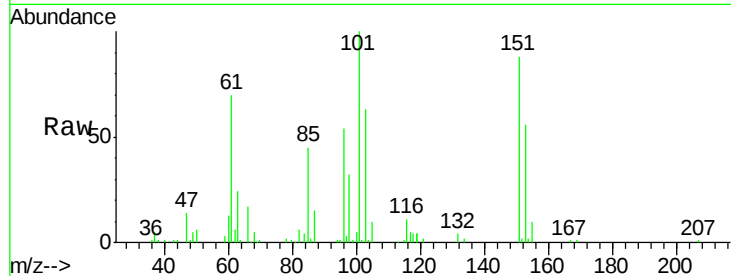
ClientSampleId :

VW1112SBS02

Tgt Ion:	101	Resp:	52245
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.8
151	88.6	71.4	107.0

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#10

Methyl Iodide

Concen: 19.777 ug/l

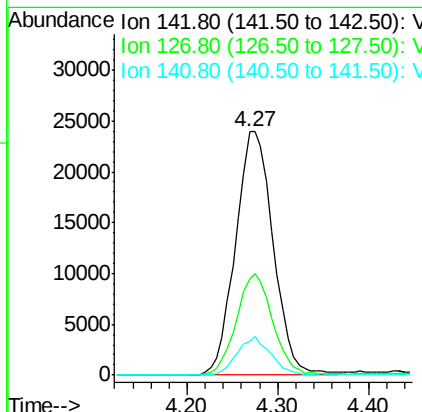
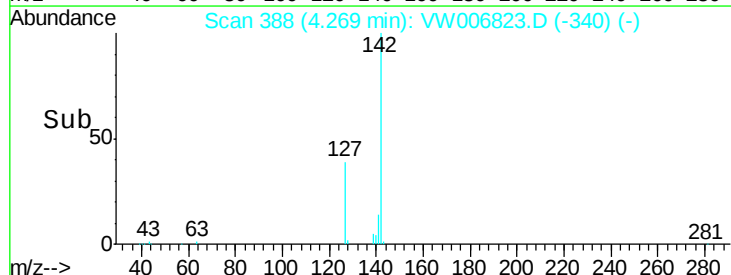
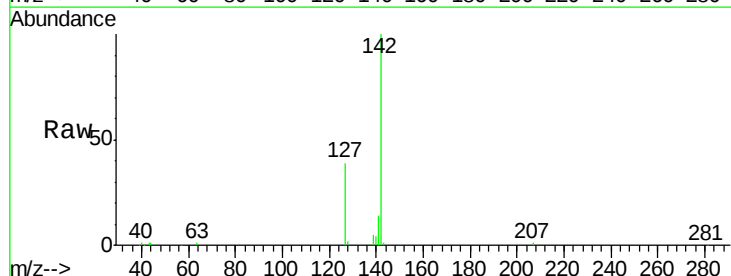
RT: 4.27 min Scan# 388

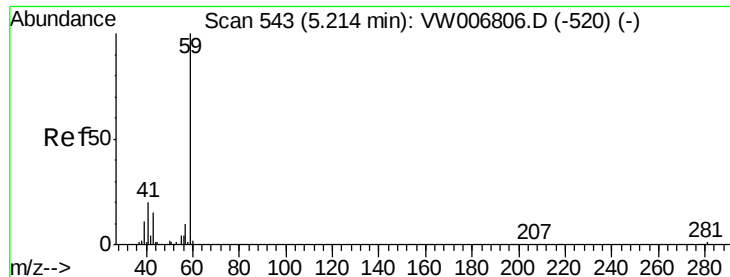
Delta R.T. -0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion:	142	Resp:	69002
Ion Ratio	Lower	Upper	
142	100		
127	40.1	31.8	47.8
141	14.2	11.5	17.3





#11

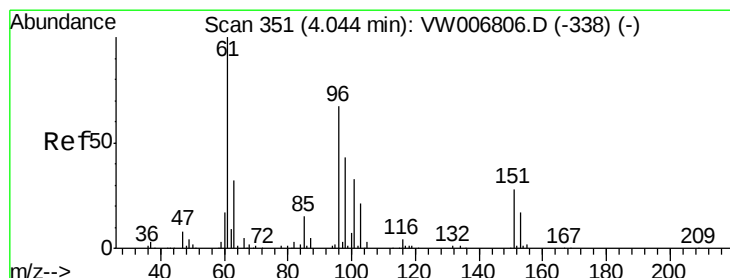
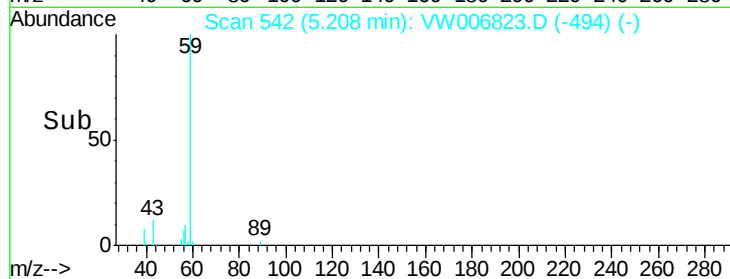
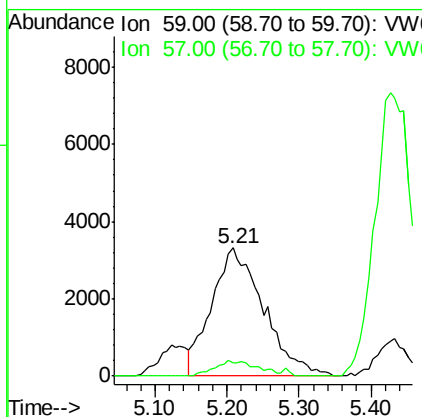
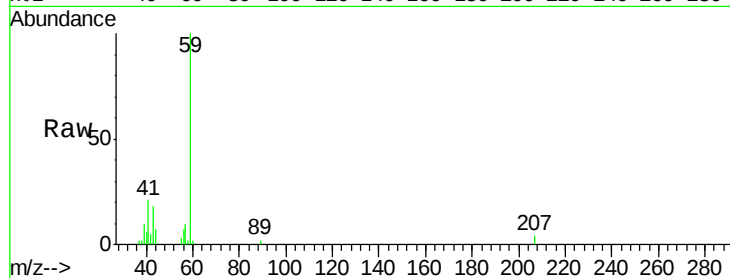
Tert butyl alcohol
 Concen: 125.039 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

Manual Integrations
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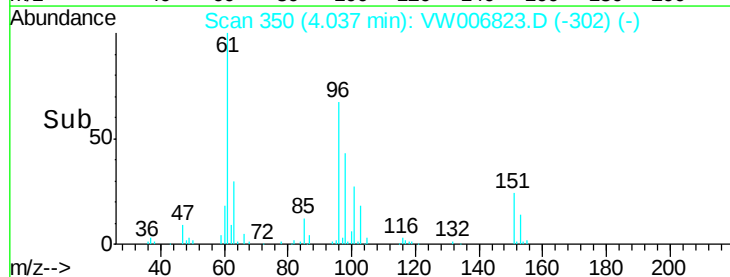
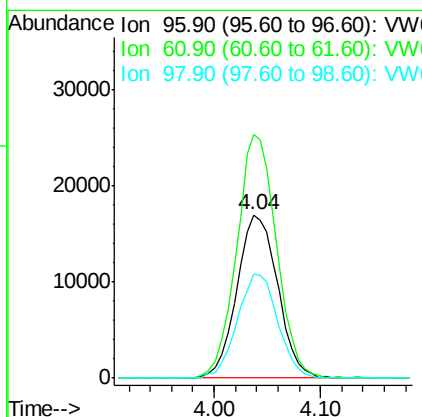
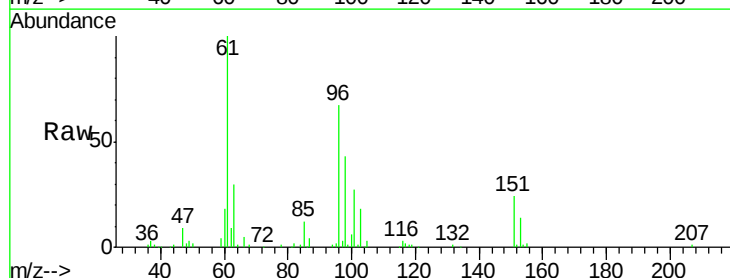
apatel
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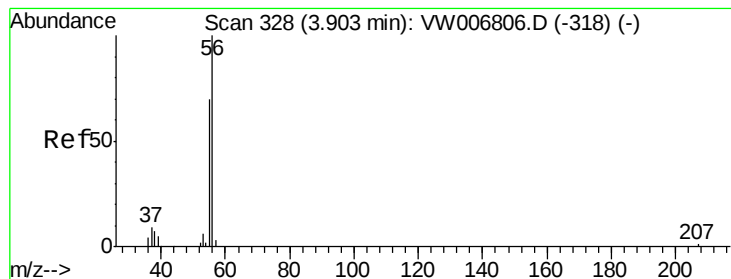


#12

1,1-Dichloroethene
 Concen: 21.643 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	119.8	179.6
98	63.4	51.5	77.3





#13

Acrolein

Concen: 119.476 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 56 Resp: 16693

Ion Ratio Lower Upper

56 100

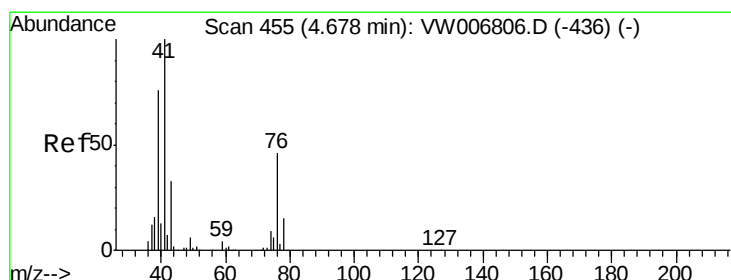
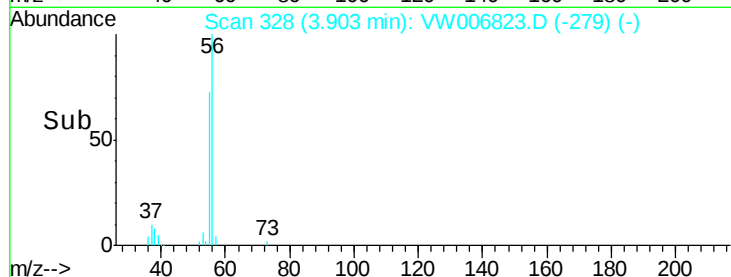
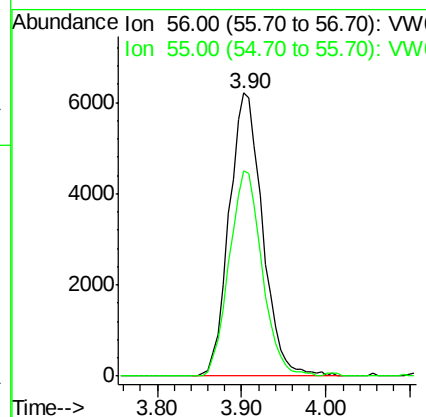
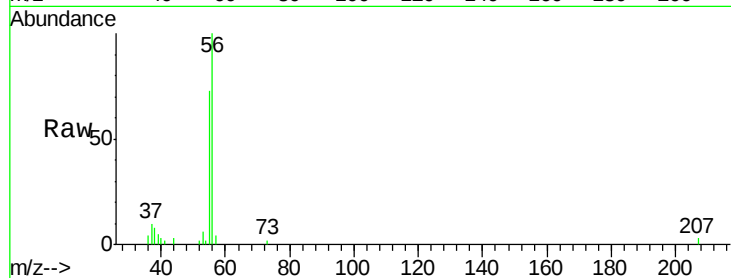
55 71.5 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.732 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

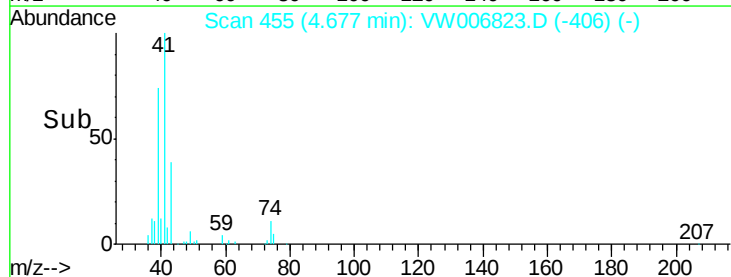
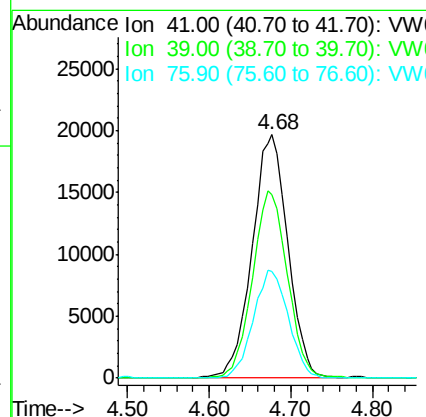
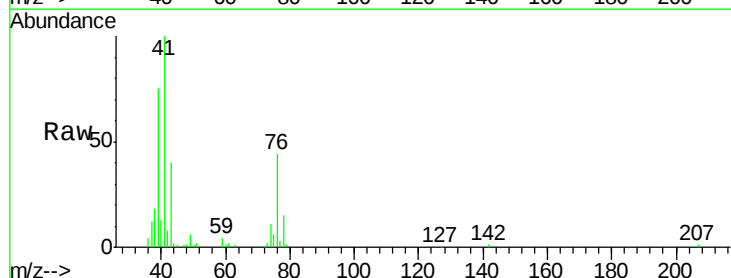
Tgt Ion: 41 Resp: 60106

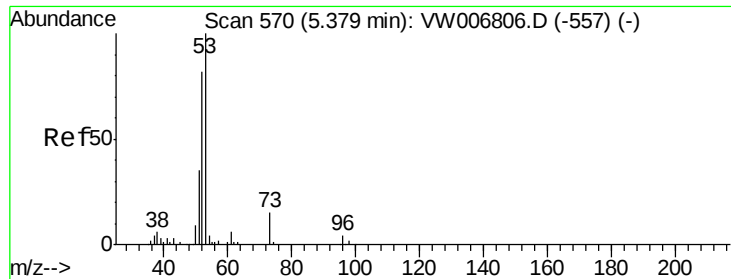
Ion Ratio Lower Upper

41 100

39 75.4 58.9 88.3

76 43.3 34.4 51.6





#15

Acrylonitrile

Concen: 122.313 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

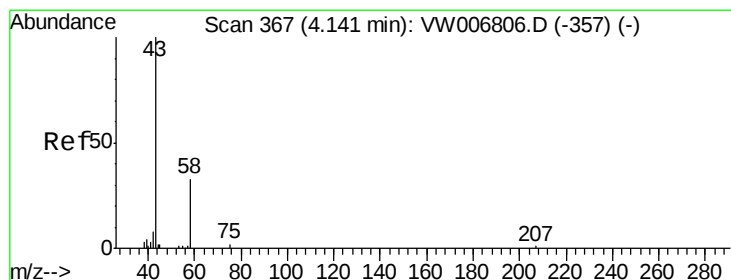
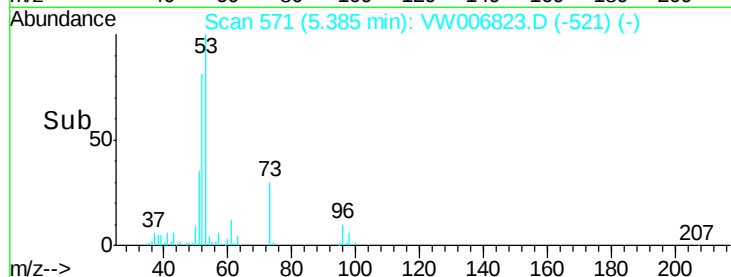
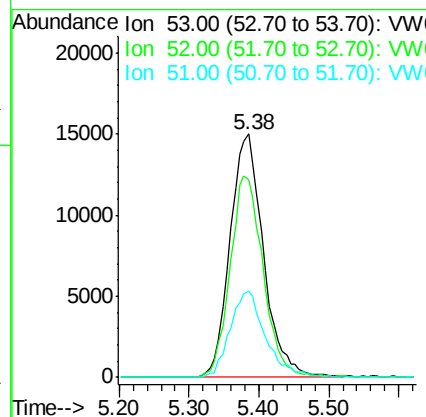
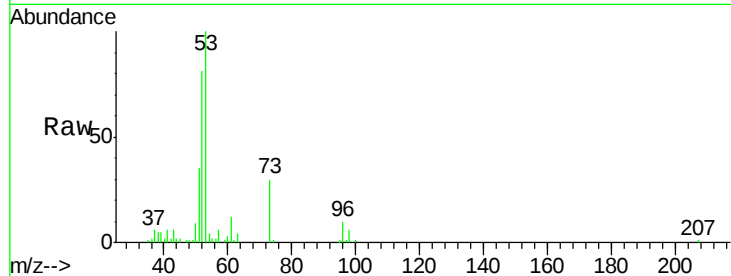
ClientSampleId :

VW1112SBS02

Tgt Ion:	53	Resp:	49903
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.2	97.8
51	37.2	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 122.293 ug/l

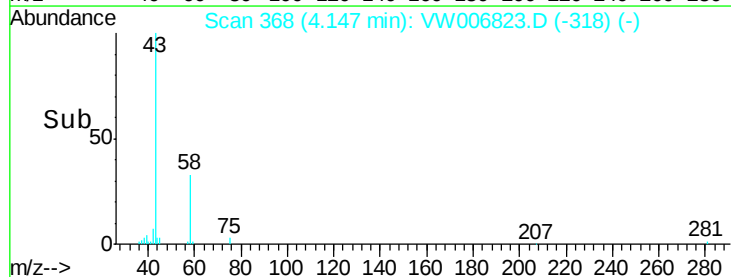
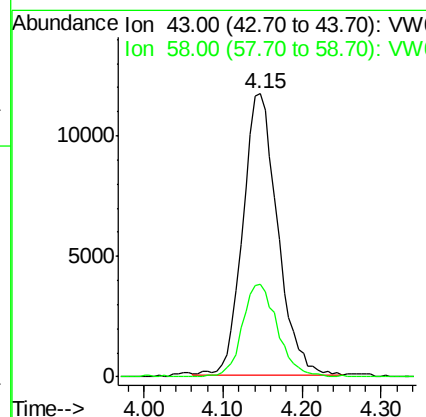
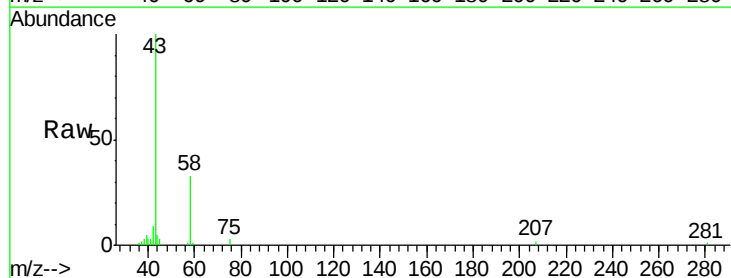
RT: 4.15 min Scan# 368

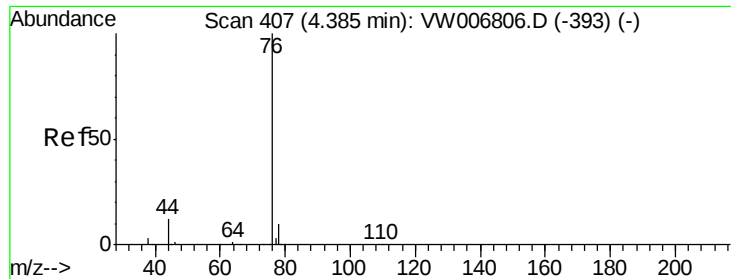
Delta R.T. 0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion:	43	Resp:	35743
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.5	39.7





#17

Carbon Disulfide

Concen: 21.858 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 76 Resp: 145355

Ion Ratio Lower Upper

76 100

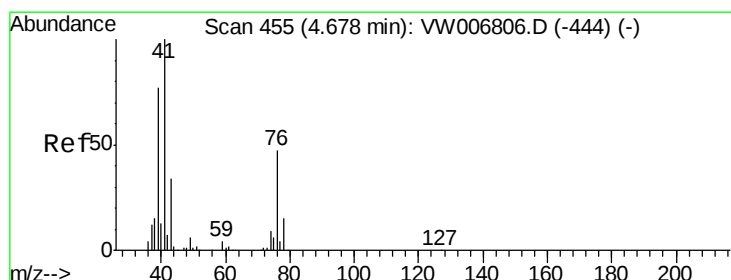
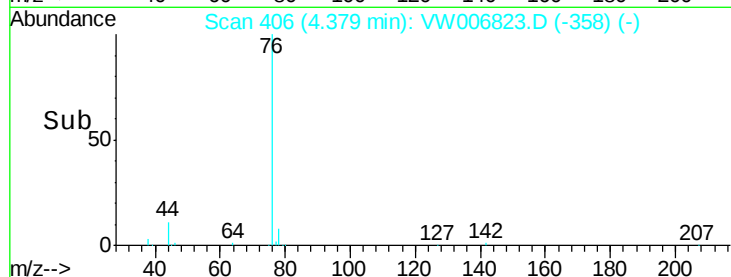
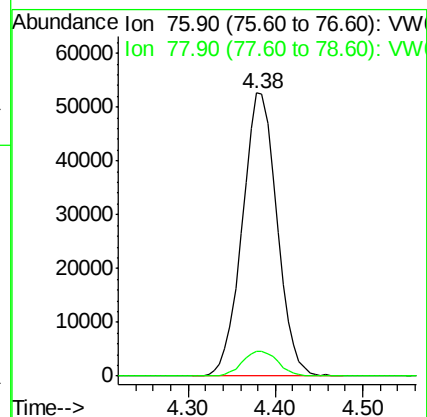
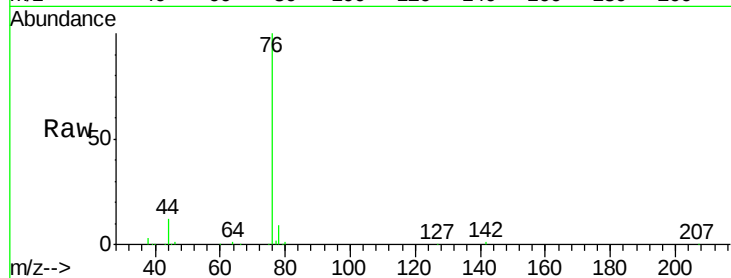
78 9.0 7.6 11.4

Manual Integrations

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#18

Methyl Acetate

Concen: 24.646 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006823.D

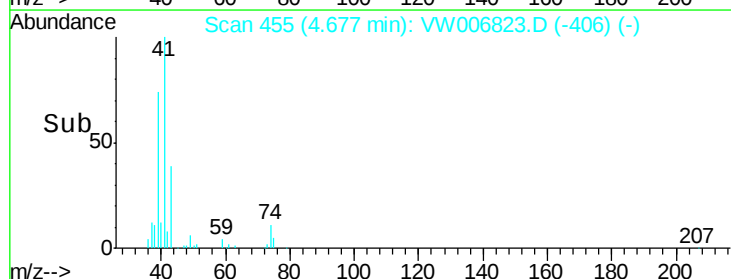
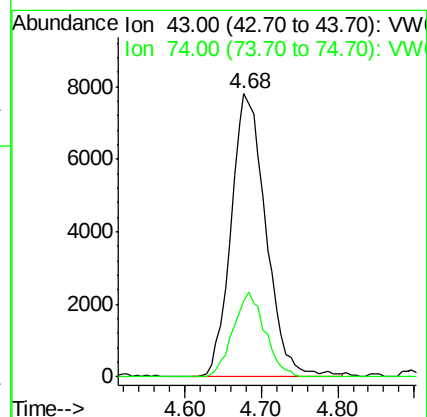
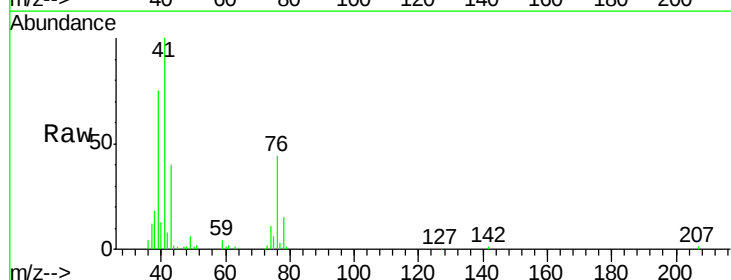
Acq: 13 Nov 2018 00:11

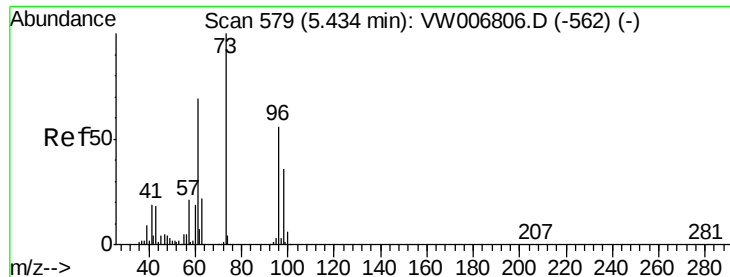
Tgt Ion: 43 Resp: 24640

Ion Ratio Lower Upper

43 100

74 27.3 21.9 32.9





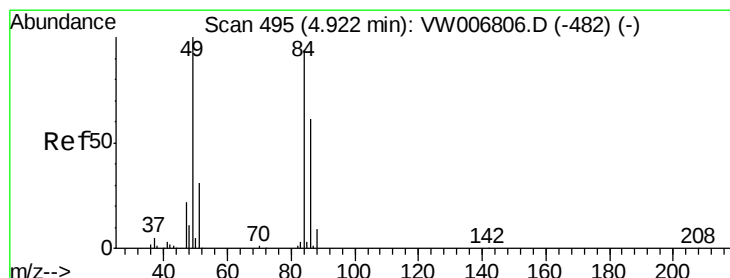
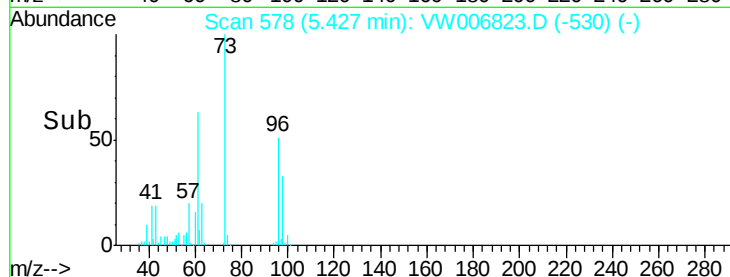
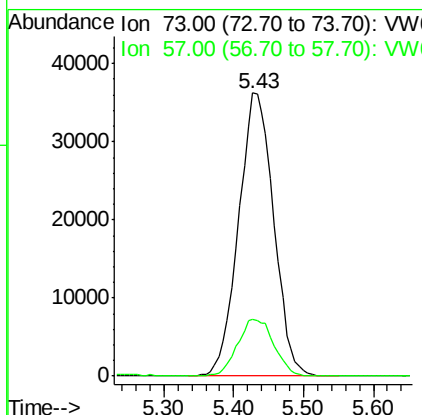
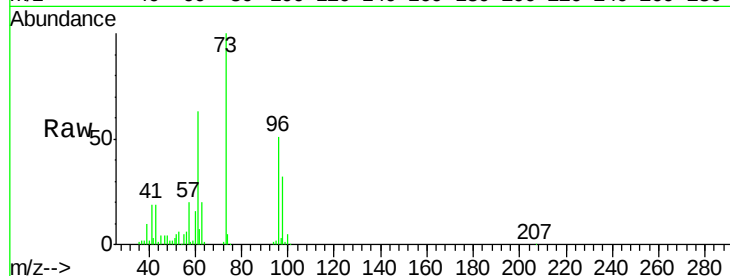
#19
Methyl tert-butyl Ether
Concen: 25.261 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion: 73 Resp: 126109
Ion Ratio Lower Upper
73 100
57 20.2 16.8 25.2

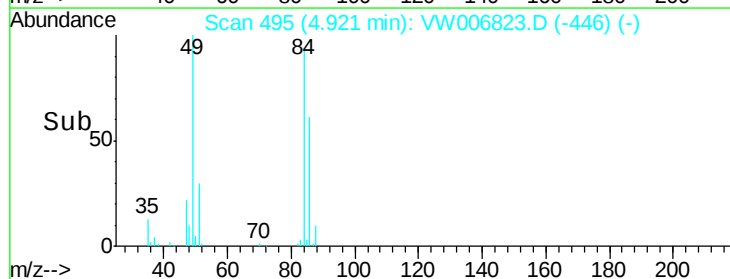
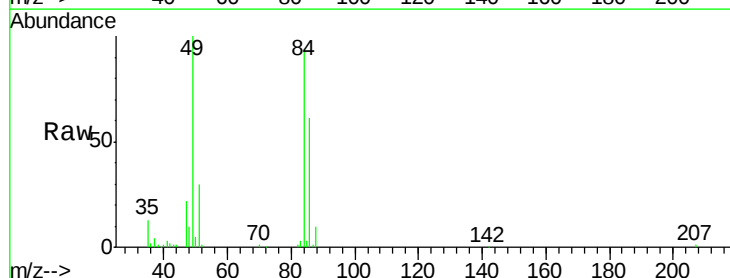
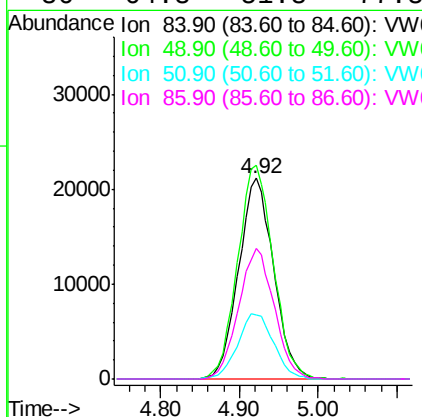
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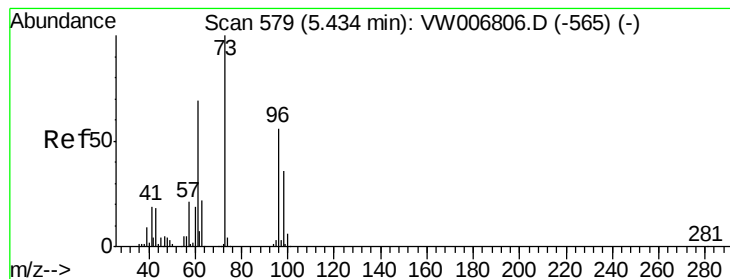
apatel
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#20
Methylene Chloride
Concen: 21.636 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion: 84 Resp: 65415
Ion Ratio Lower Upper
84 100
49 106.4 84.8 127.2
51 31.7 26.2 39.4
86 64.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 22.089 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

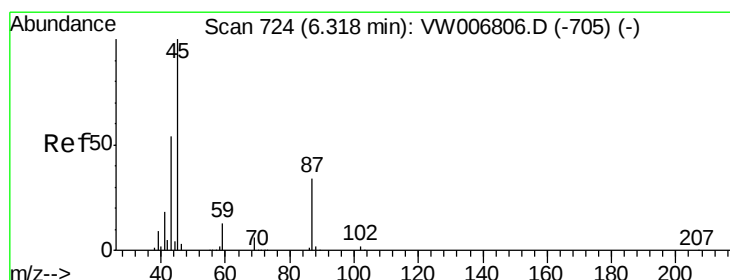
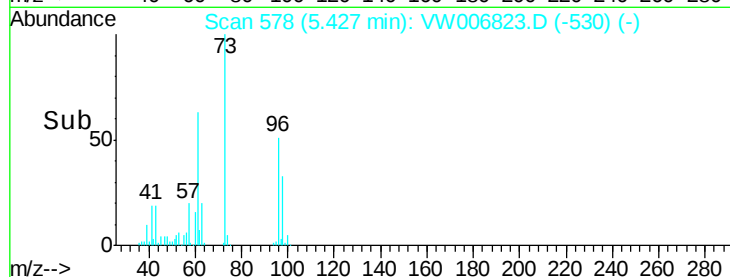
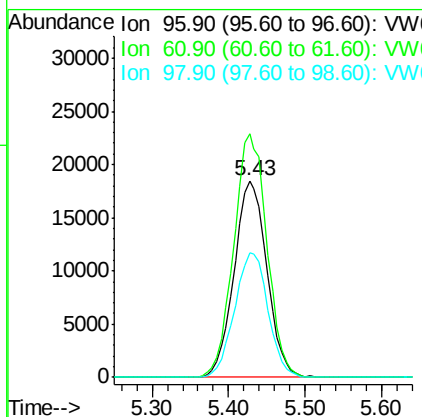
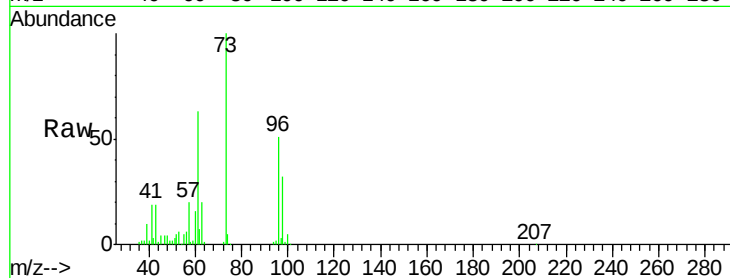
ClientSampleId :

VW1112SBS02

Tgt Ion:	96	Resp:	54781
Ion	Ratio	Lower	Upper
96	100		
61	123.8	98.7	148.1
98	63.6	51.2	76.8

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#22

Diisopropyl ether

Concen: 24.473 ug/l

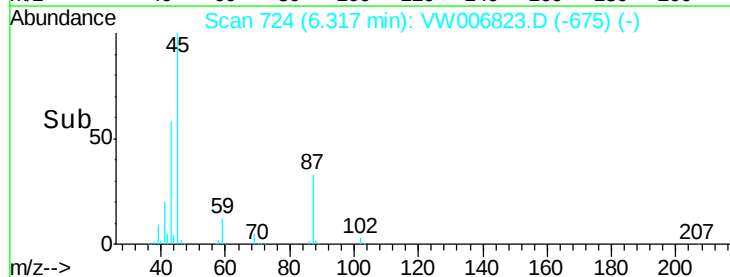
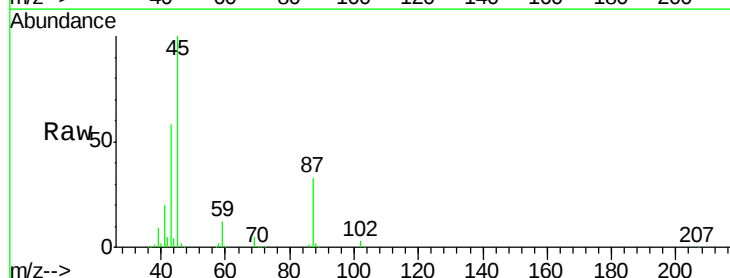
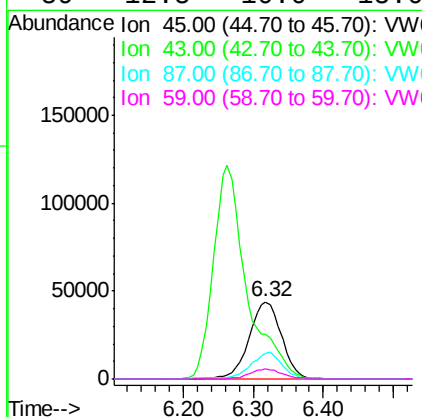
RT: 6.32 min Scan# 724

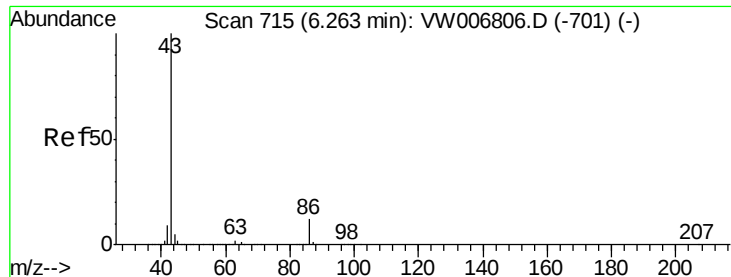
Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion:	45	Resp:	140575
Ion	Ratio	Lower	Upper
45	100		
43	57.6	43.7	65.5
87	33.1	27.2	40.8
59	12.5	10.0	15.0





#23

Vinyl Acetate

Concen: 124.504 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 43 Resp: 403156

Ion Ratio Lower Upper

43 100

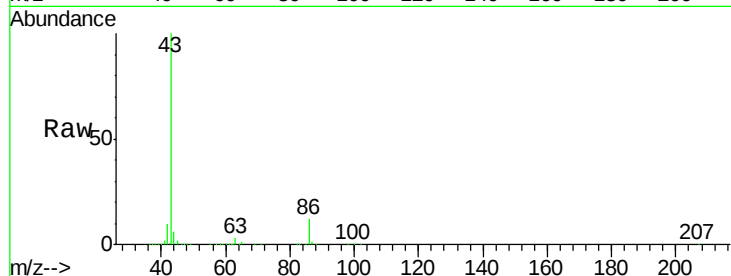
86 12.3 9.6 14.4

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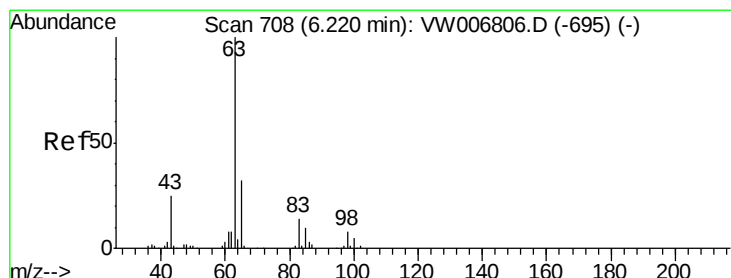
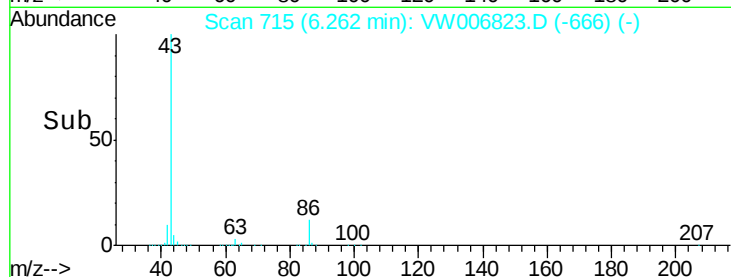
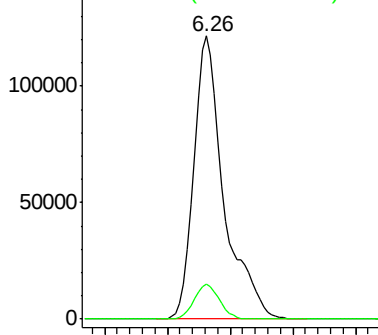
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.883 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

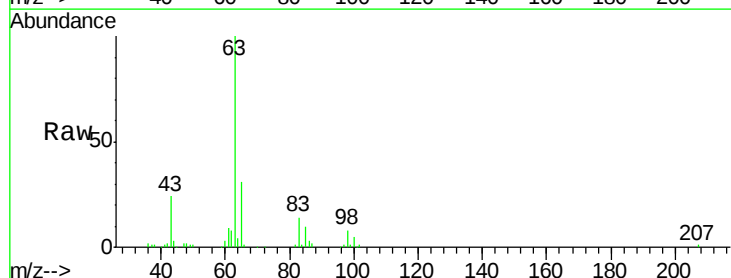
Tgt Ion: 63 Resp: 87170

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

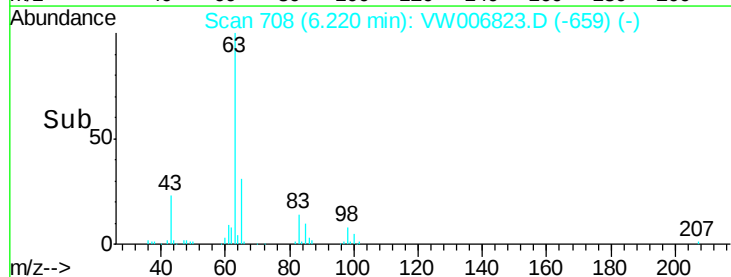
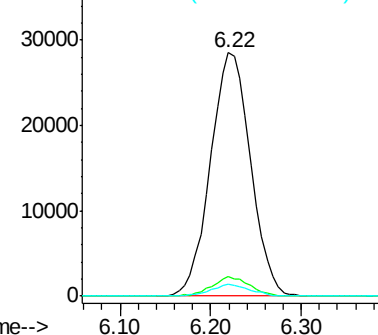
100 4.7 2.4 7.2

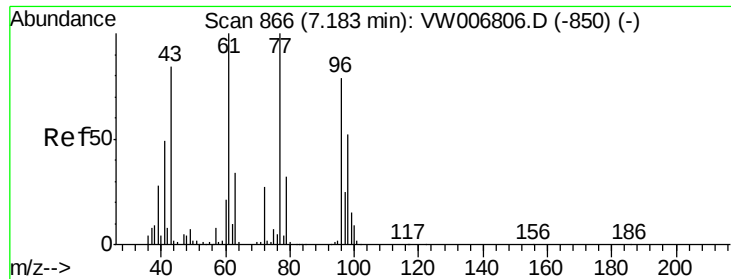


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 123.857 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 43 Resp: 61220

Ion Ratio Lower Upper

43 100

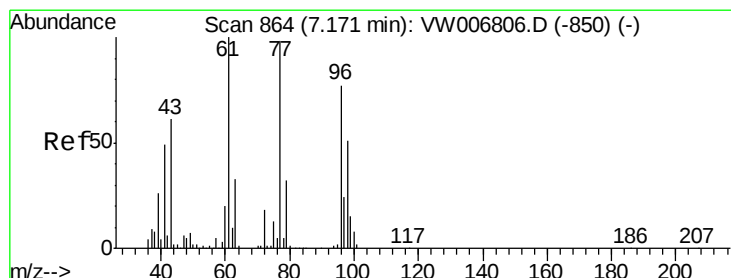
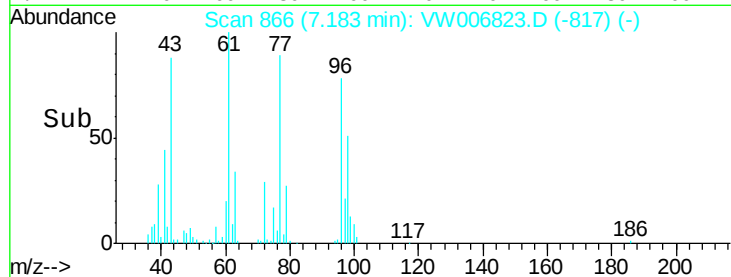
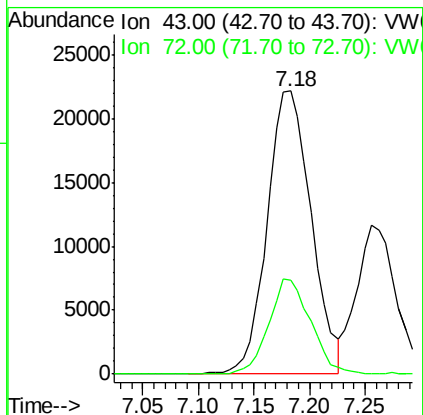
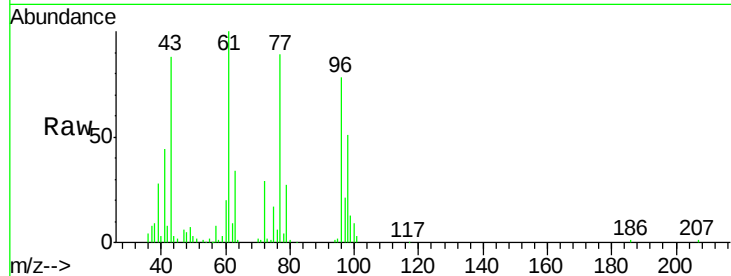
72 33.1 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.892 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006823.D

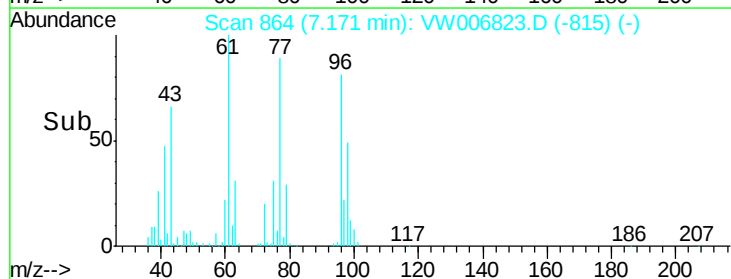
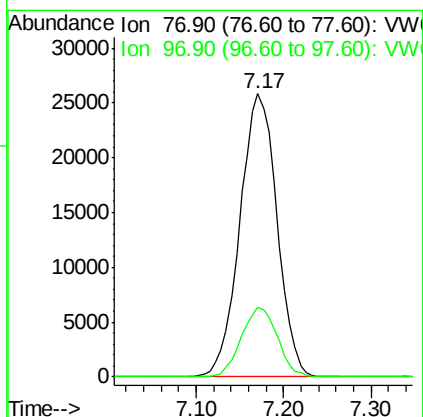
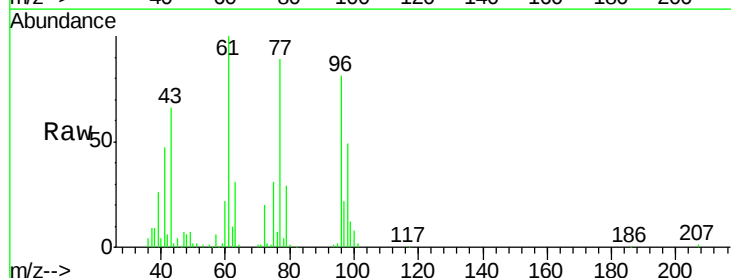
Acq: 13 Nov 2018 00:11

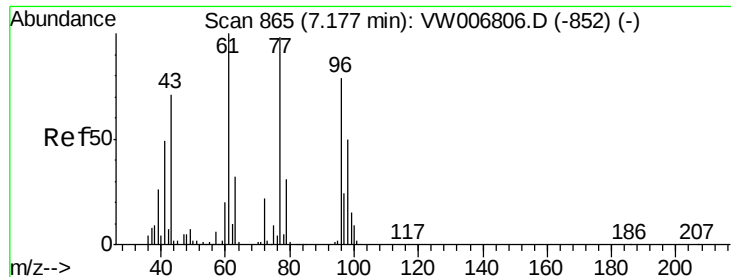
Tgt Ion: 77 Resp: 76244

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1





#27

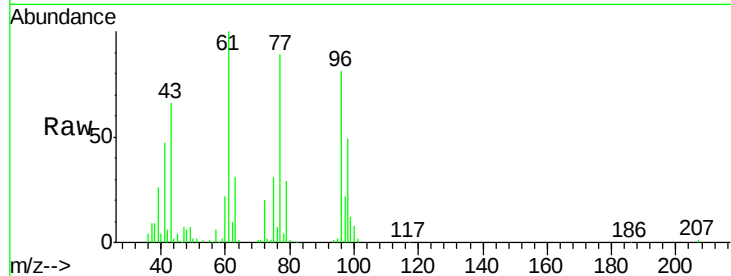
cis-1,2-Dichloroethene
Concen: 23.155 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

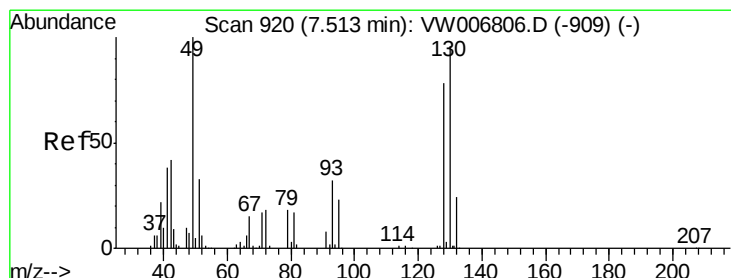
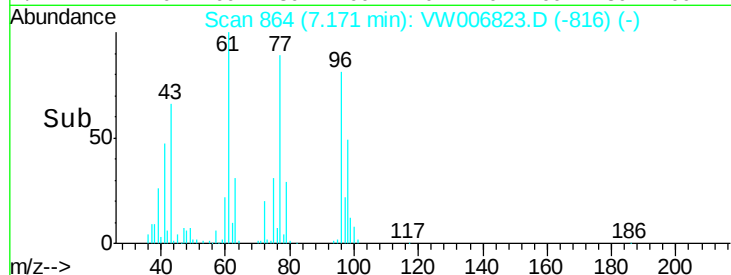
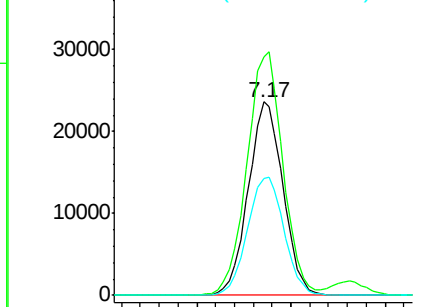
Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	264.0
98	64.2	0.0	131.0

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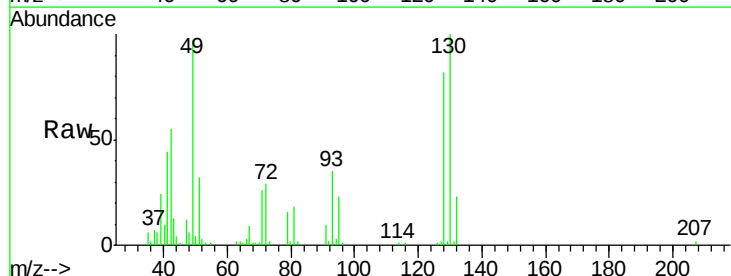
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



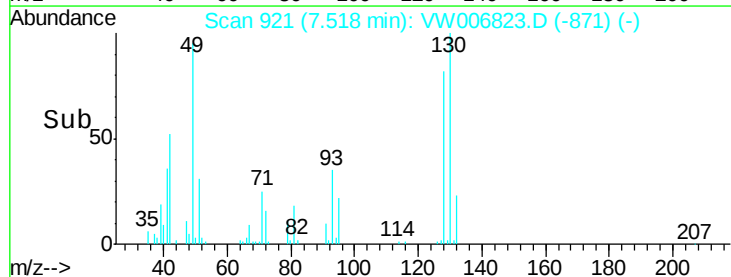
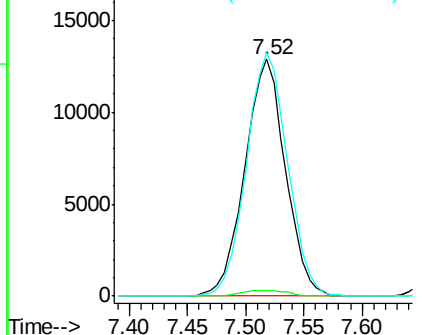
#28

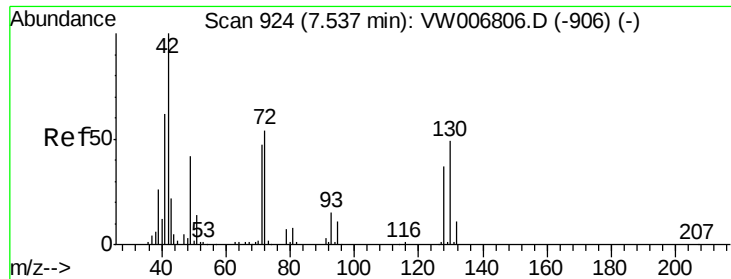
Bromochloromethane
Concen: 23.403 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	104.1	83.3	124.9



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





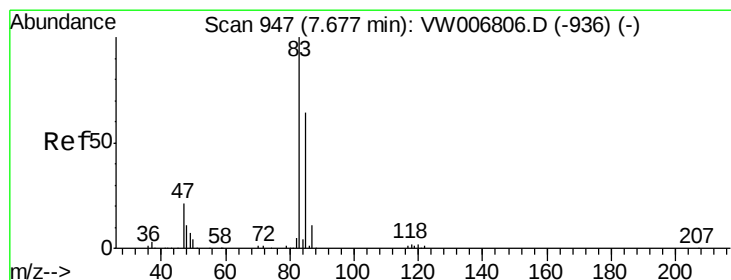
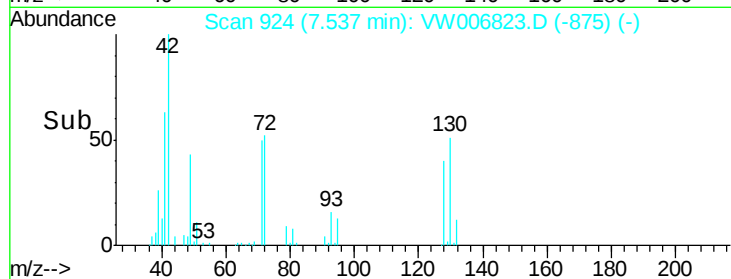
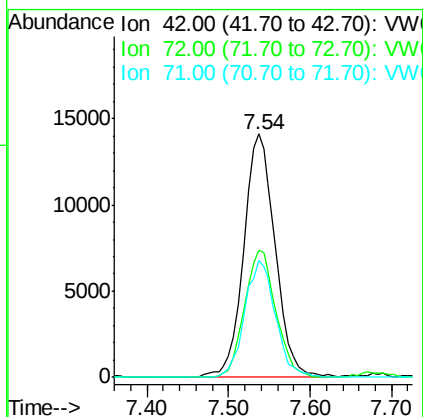
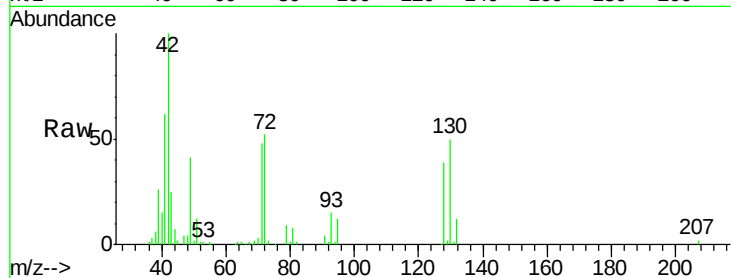
#29
Tetrahydrofuran
Concen: 119.550 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.9	40.9	61.3
71	46.9	36.9	55.3

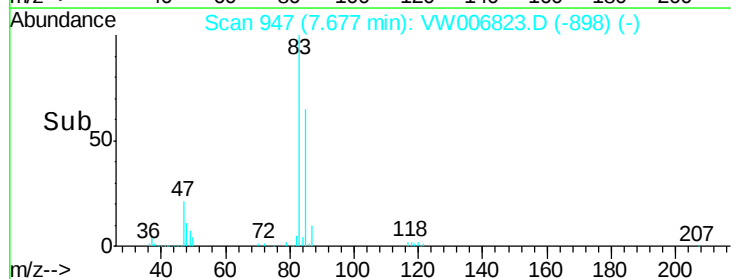
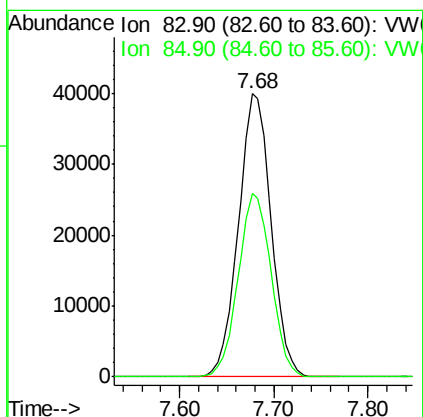
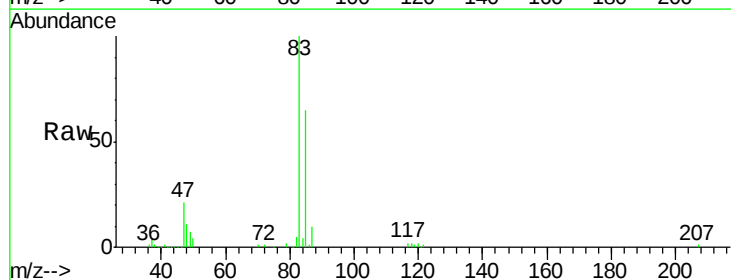
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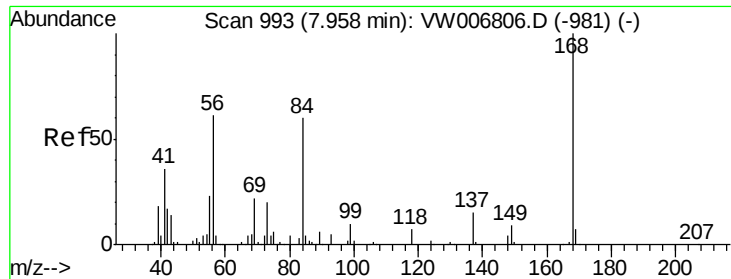
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#30
Chloroform
Concen: 23.287 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3





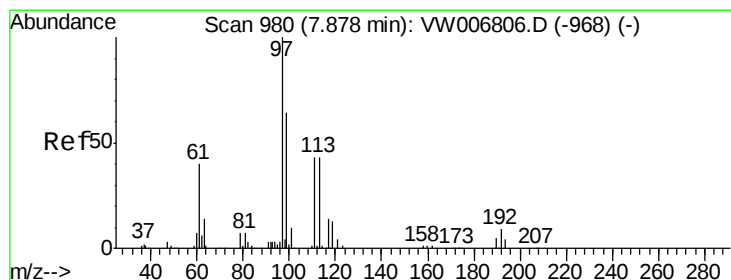
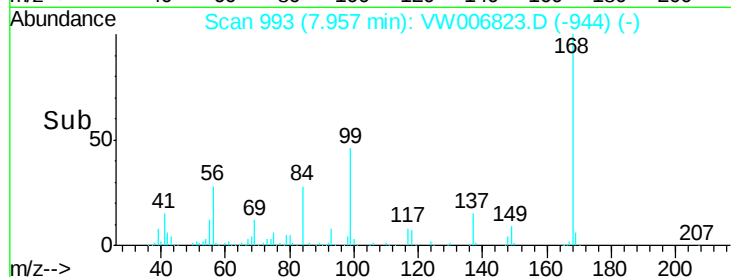
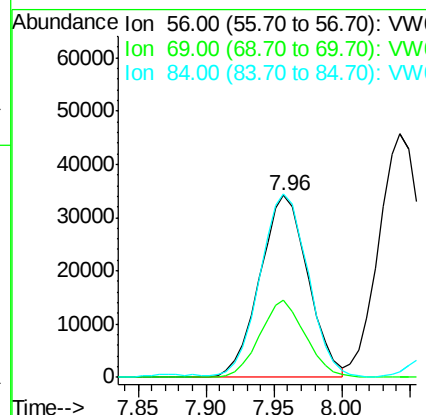
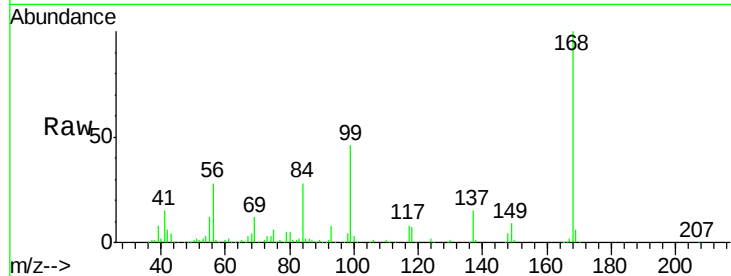
#31
Cyclohexane
Concen: 21.714 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	42.5	28.9	43.3
84	99.8	79.0	118.4

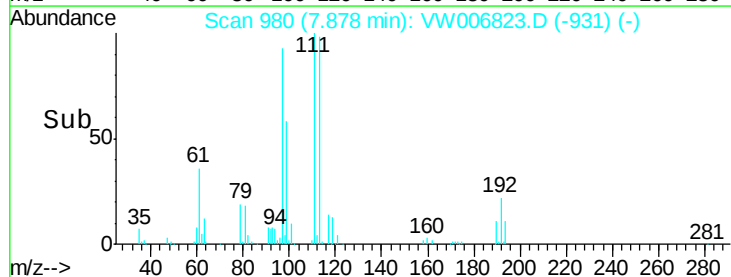
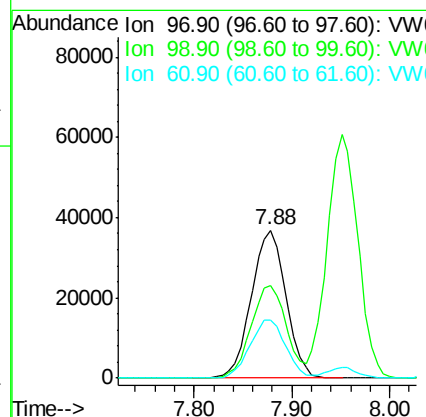
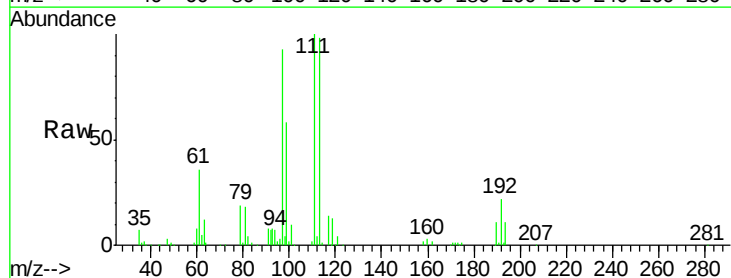
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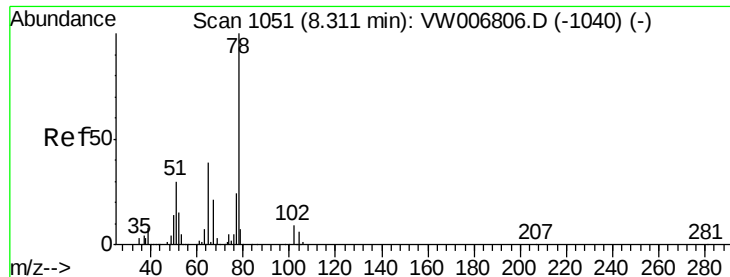
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#32
1,1,1-Trichloroethane
Concen: 22.544 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	40.6	32.2	48.4





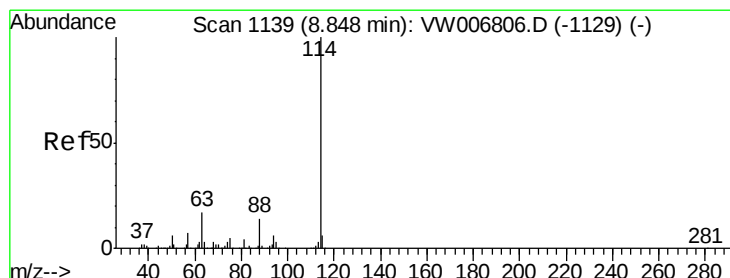
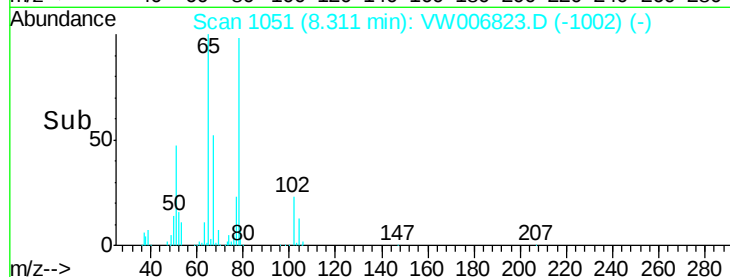
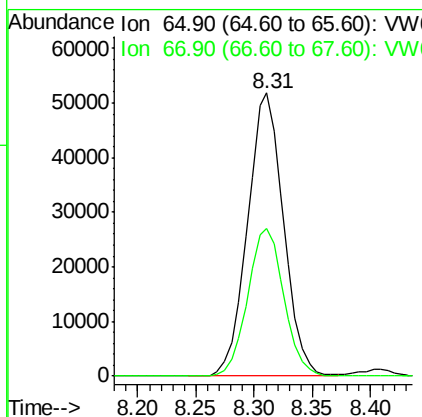
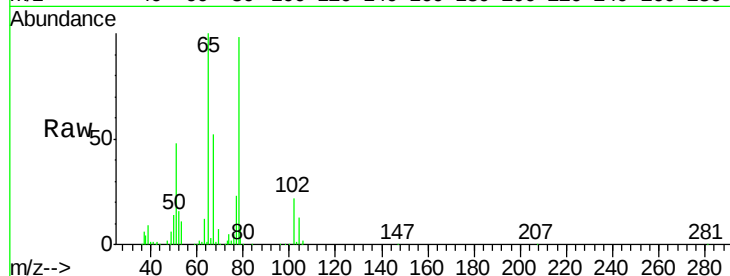
#33
 1,2-Dichloroethane-d4
 Concen: 54.810 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111545		
67	52.5	0.0	104.4	

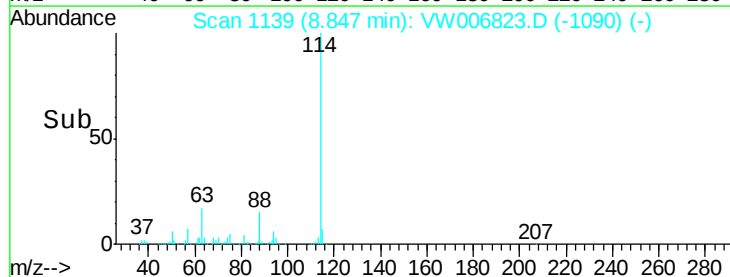
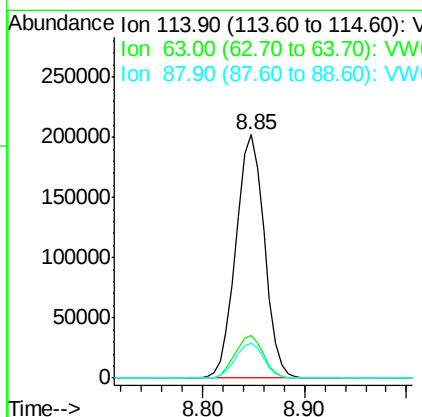
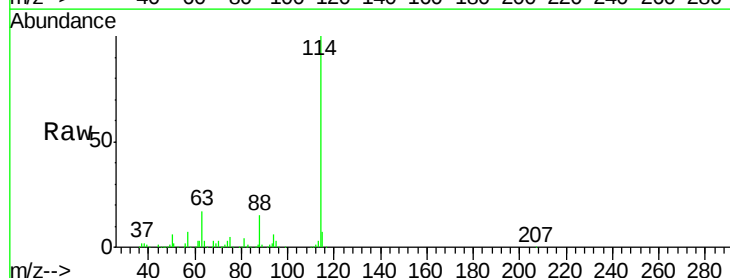
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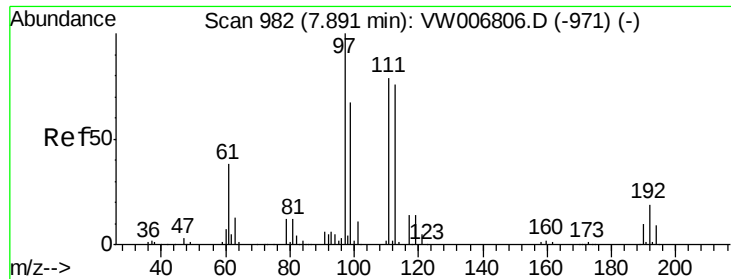
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	390956		
63	17.3	0.0	33.6	
88	14.5	0.0	28.4	





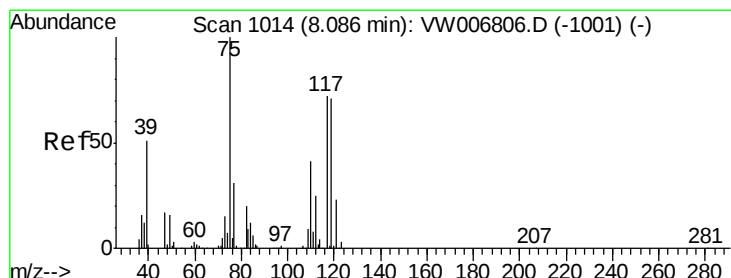
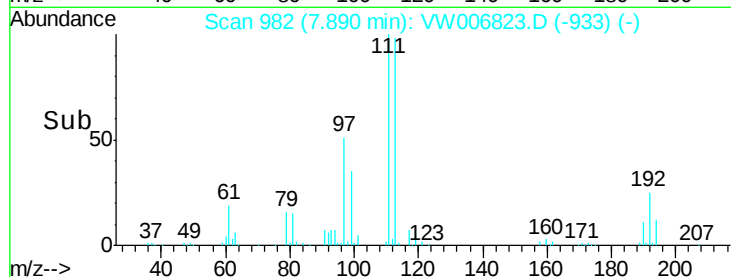
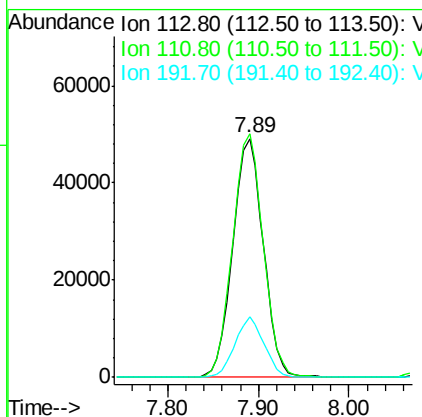
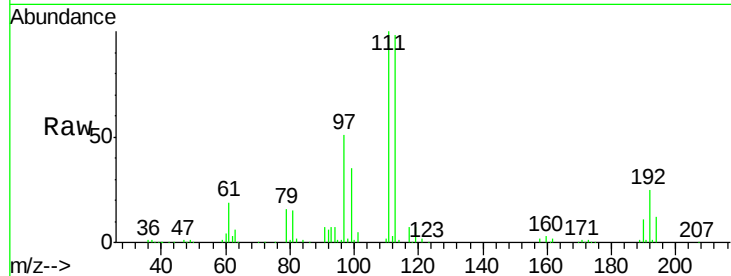
#35
Dibromofluoromethane
Concen: 49.315 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	114806		
111	102.2	81.0	121.6	
192	24.0	19.0	28.6	

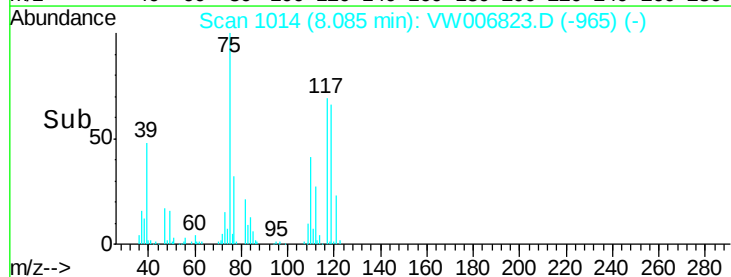
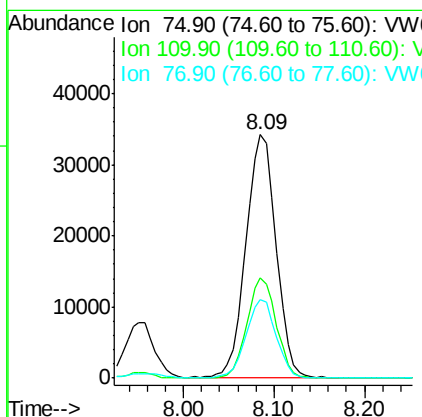
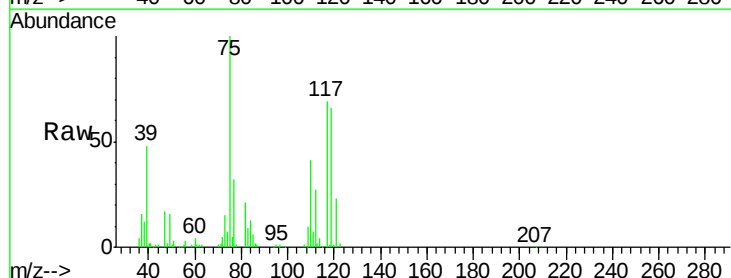
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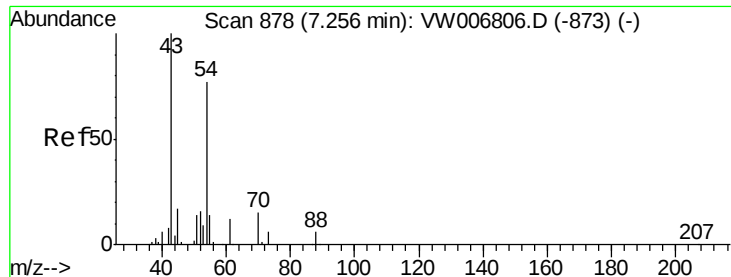
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#36
1,1-Dichloropropene
Concen: 21.590 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78991		
110	39.6	19.9	59.6	
77	32.3	25.4	38.2	





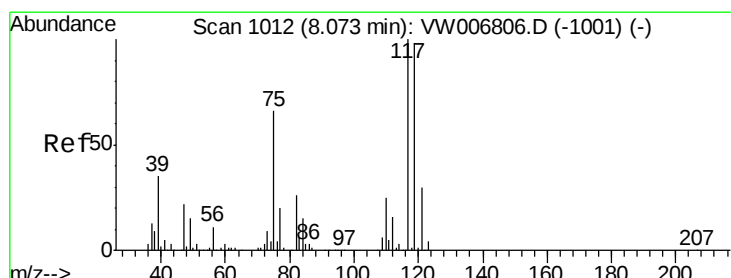
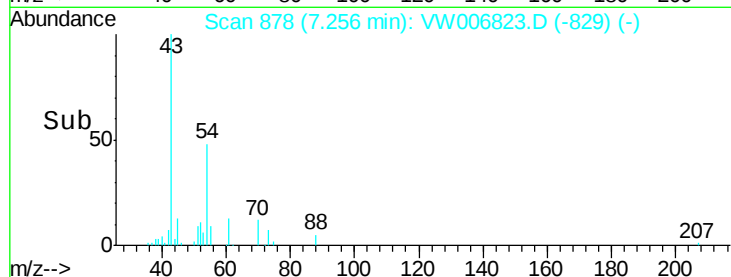
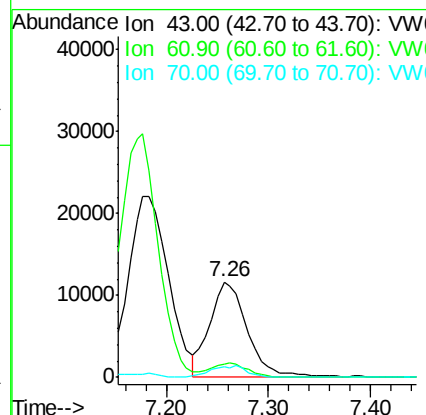
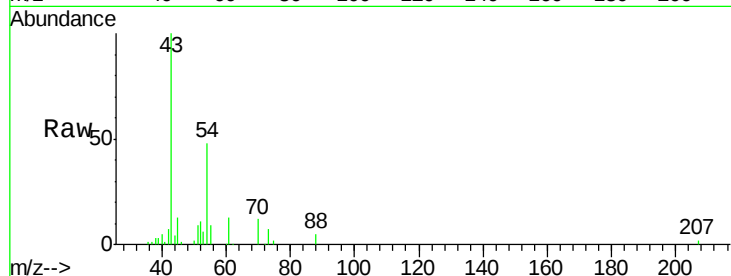
#37
Ethyl Acetate
Concen: 24.619 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.7	17.5
70	12.5	10.0	15.0

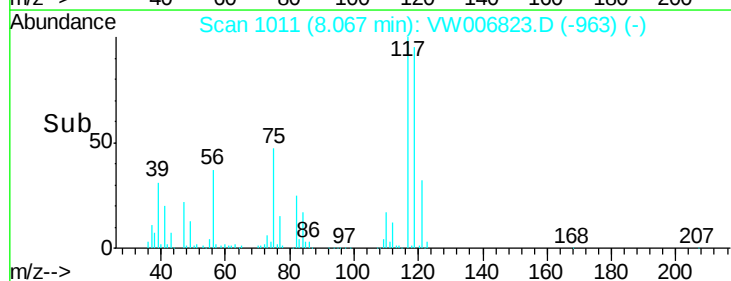
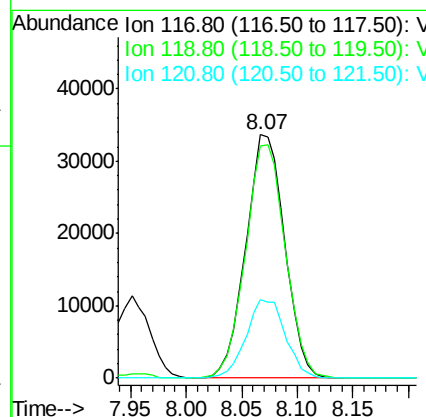
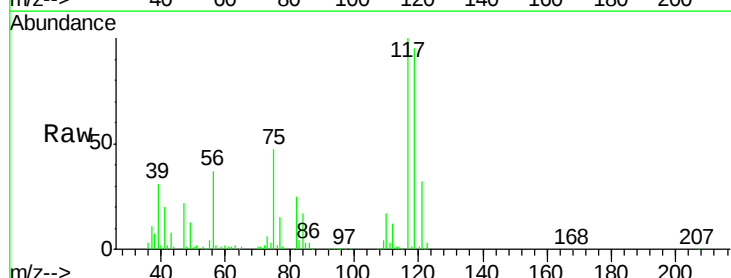
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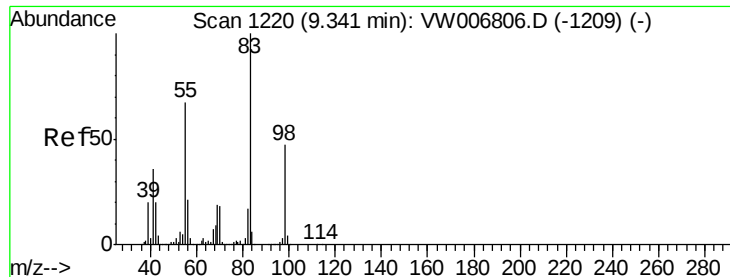
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#38
Carbon Tetrachloride
Concen: 20.635 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.5	117.7
121	32.1	24.2	36.2





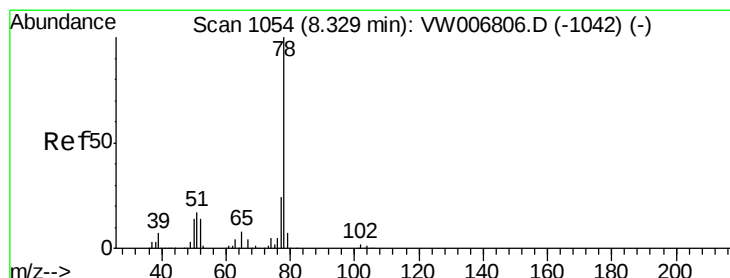
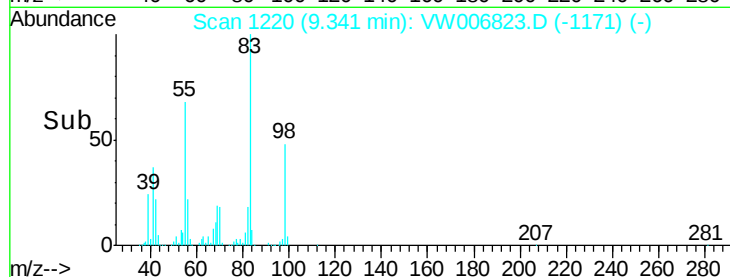
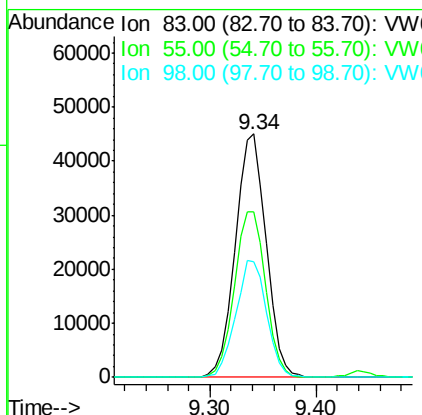
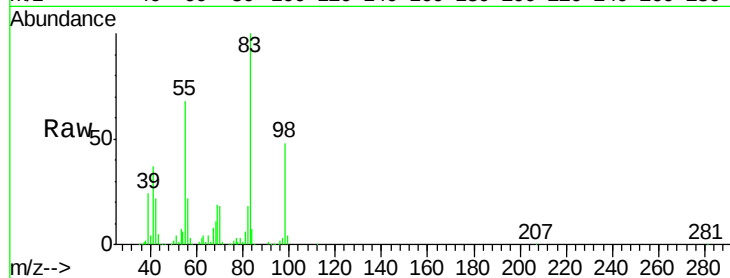
#39
Methylcyclohexane
Concen: 19.256 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.8	53.3	79.9
98	47.5	37.9	56.9

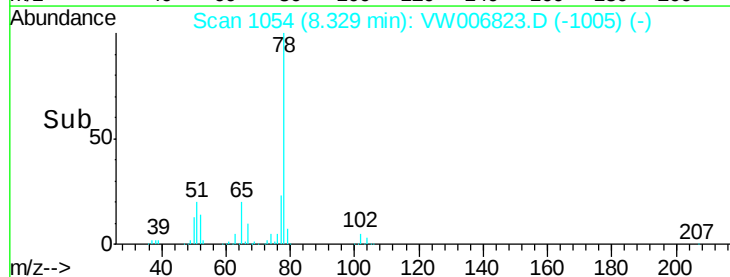
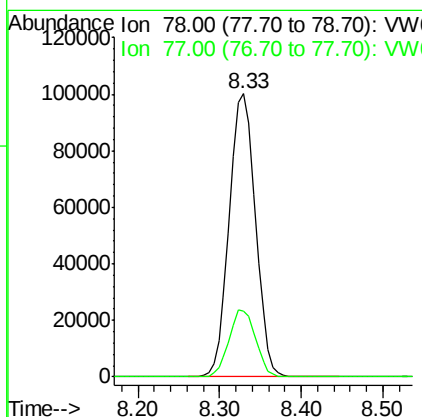
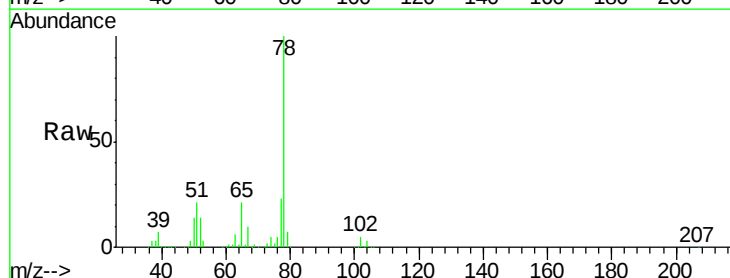
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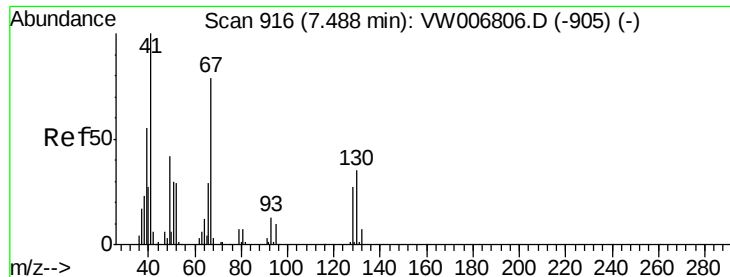
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#40
Benzene
Concen: 21.839 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41

Methacrylonitrile

Concen: 24.719 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

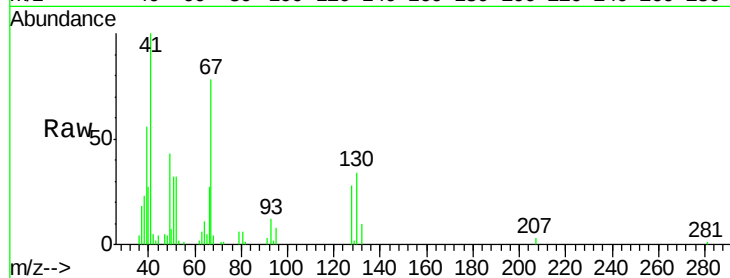
ClientSampleId :

VW1112SBS02

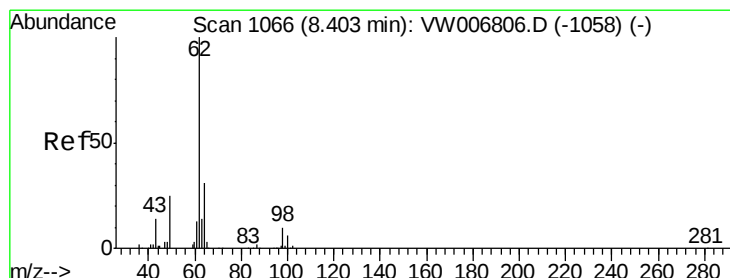
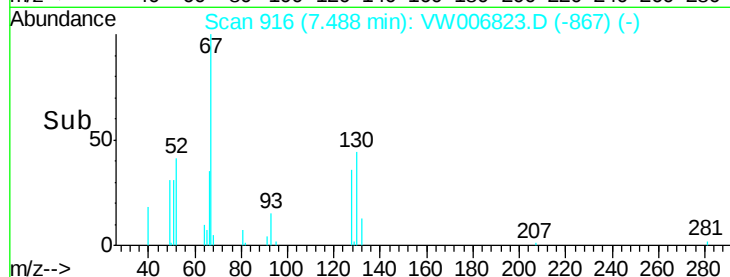
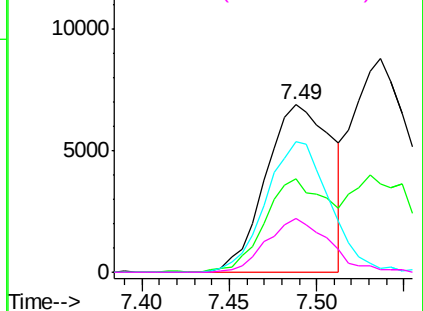
Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.1	72.1
67	75.4	61.4	92.2
52	30.5	23.2	34.8

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Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 22.870 ug/l

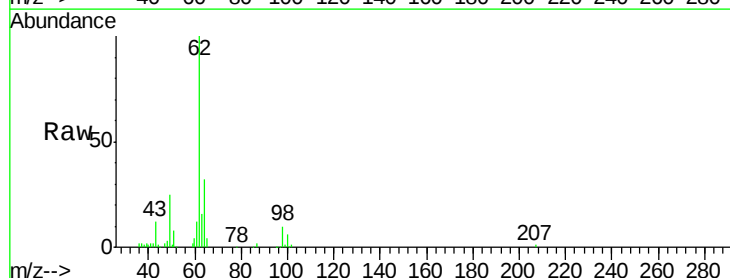
RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

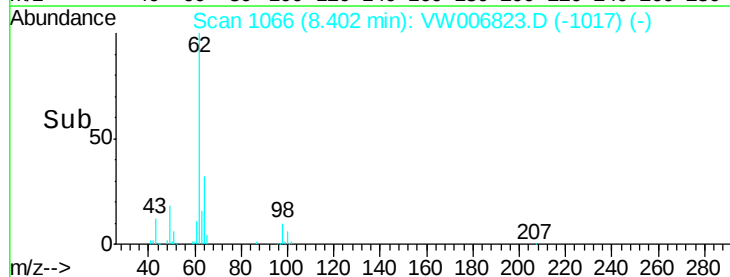
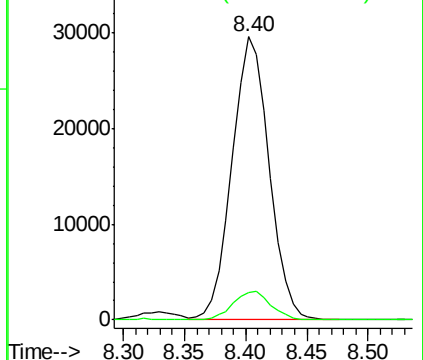
Lab File: VW006823.D

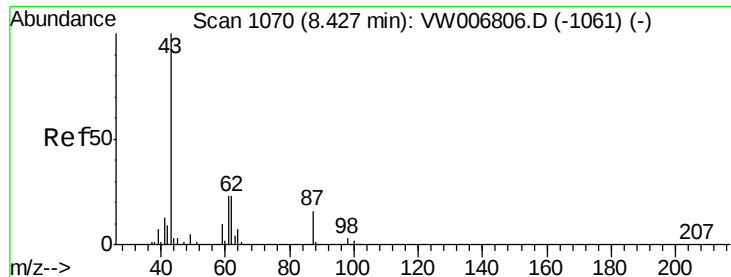
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 23.655 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

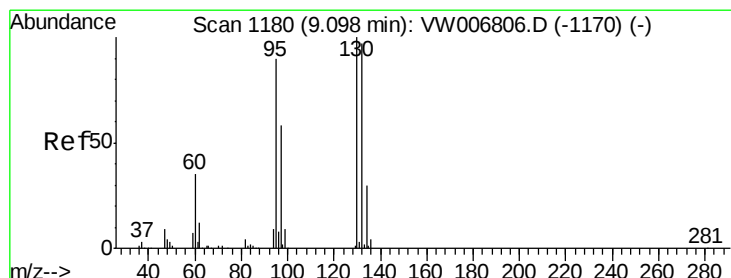
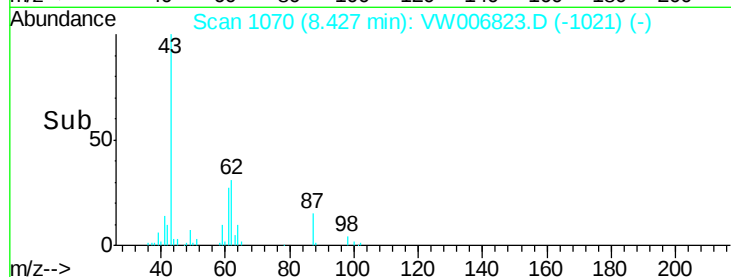
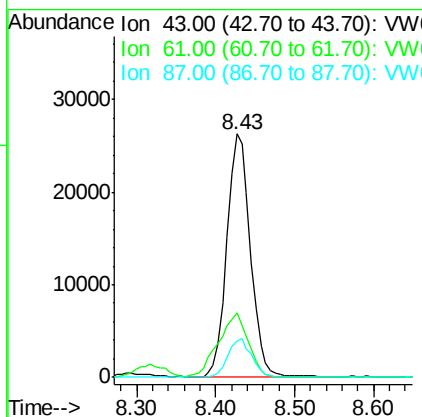
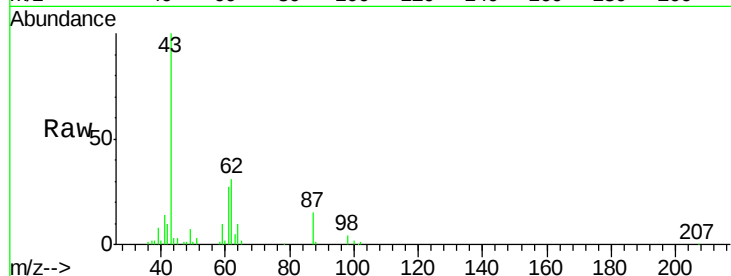
ClientSampleId :

VW1112SBS02

Tgt Ion:	43	Resp:	55038
Ion Ratio		Lower	Upper
43	100		
61	33.4	27.0	40.4
87	15.7	13.0	19.4

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#44

Trichloroethene

Concen: 21.774 ug/l

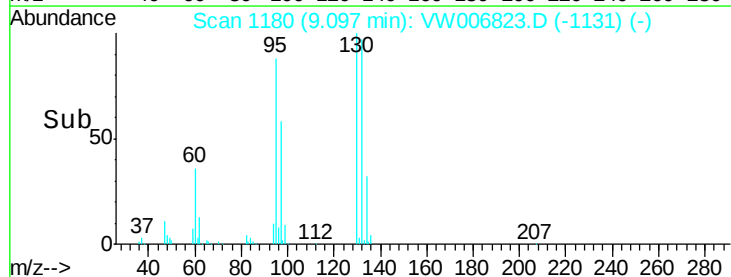
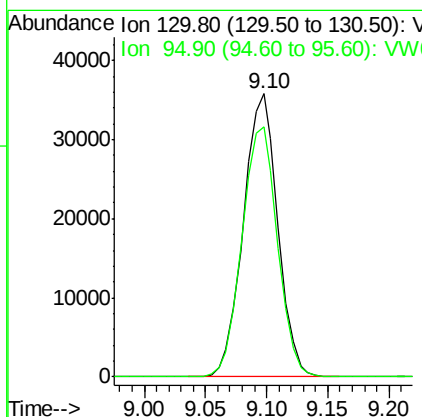
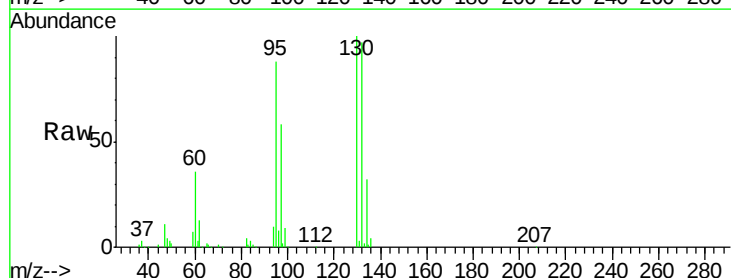
RT: 9.10 min Scan# 1180

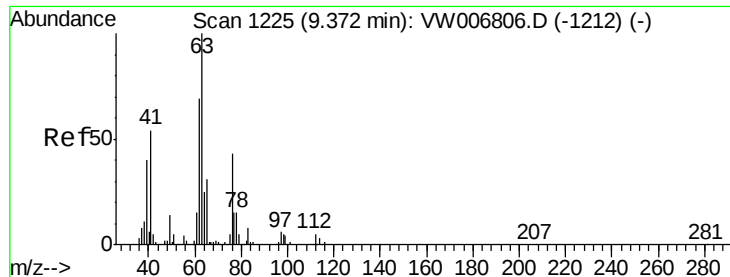
Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion:	130	Resp:	69896
Ion Ratio		Lower	Upper
130	100		
95	88.4	0.0	180.2





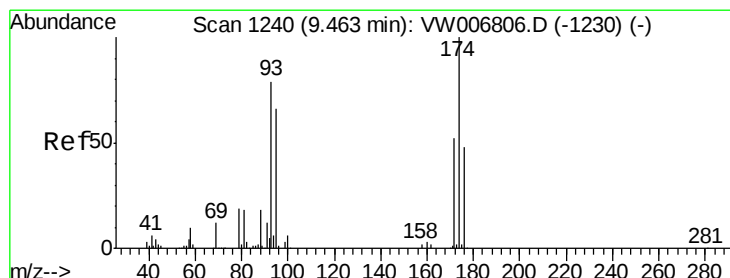
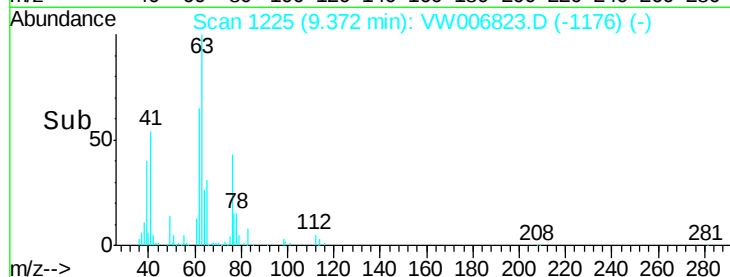
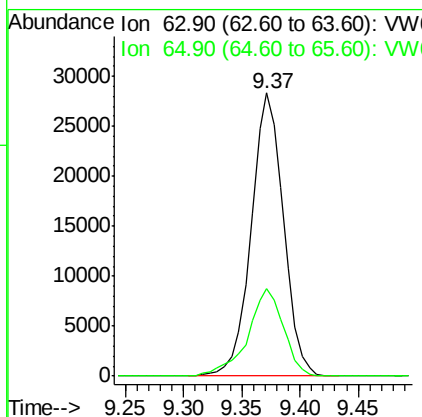
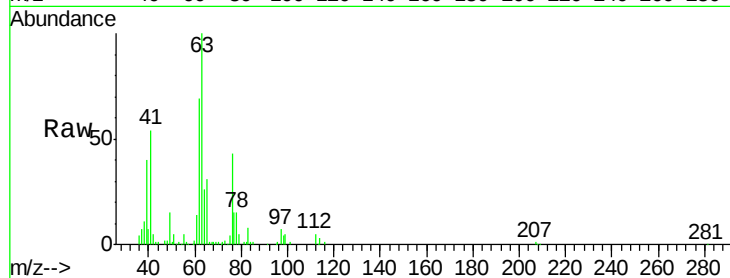
#45
 1,2-Dichloropropane
 Concen: 23.051 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.0	24.4	36.6

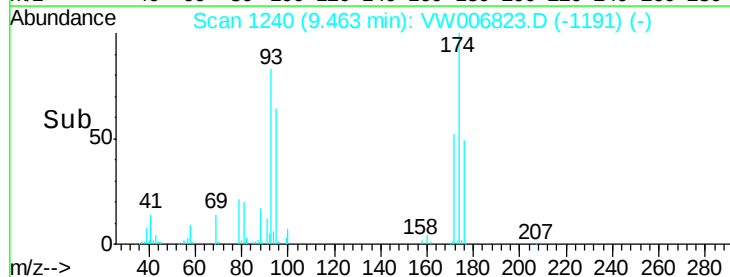
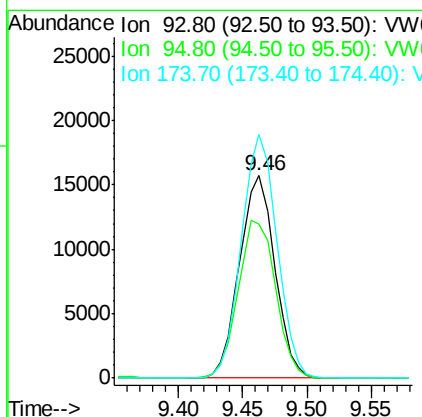
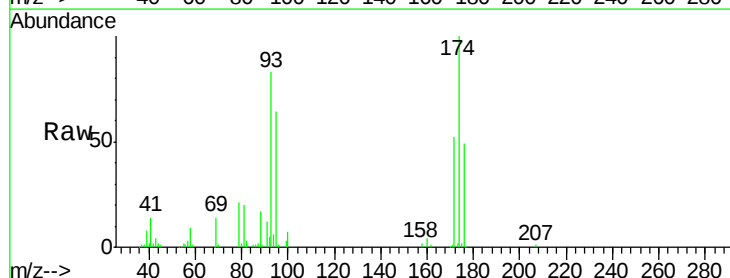
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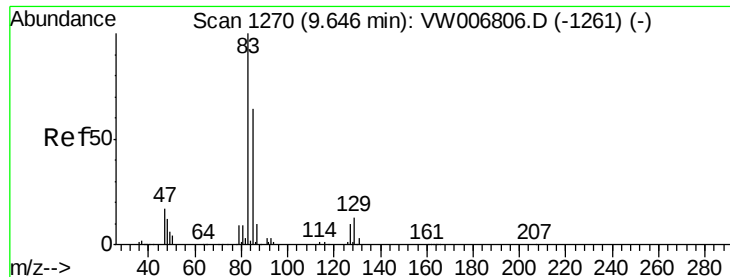
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#46
 Dibromomethane
 Concen: 22.718 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	67.0	100.6
174	120.6	98.6	147.8





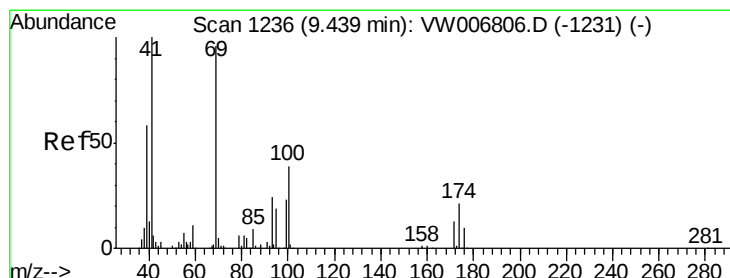
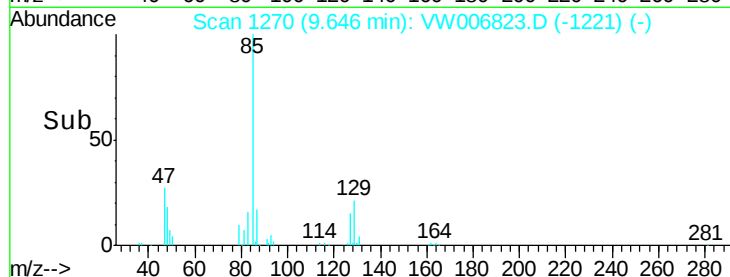
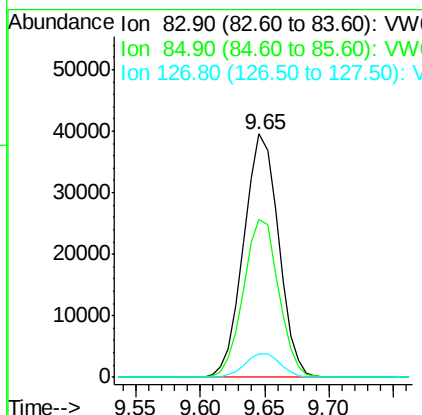
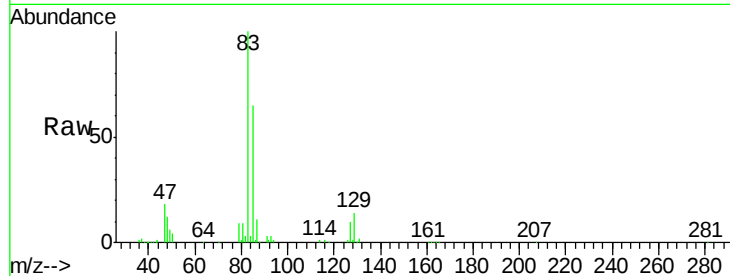
#47
Bromodichloromethane
Concen: 22.737 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.0
127	9.7	7.6	11.4

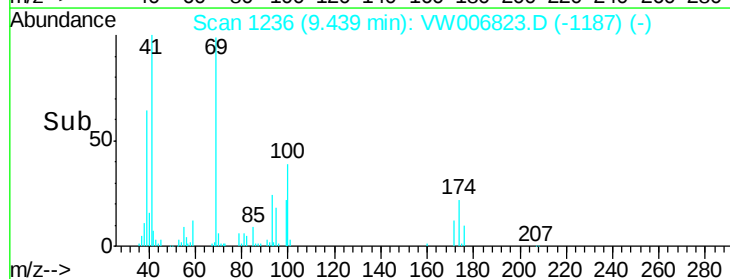
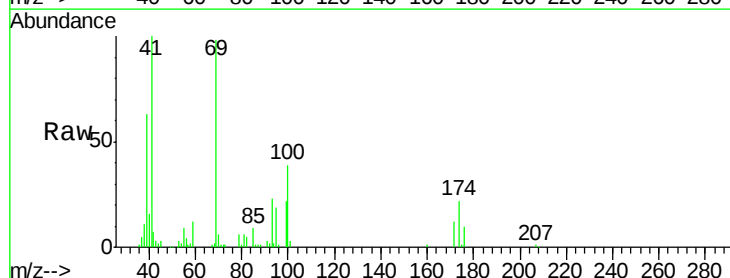
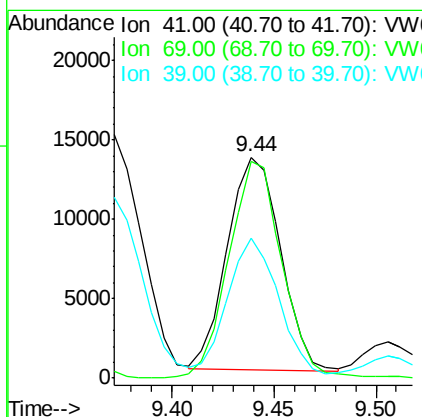
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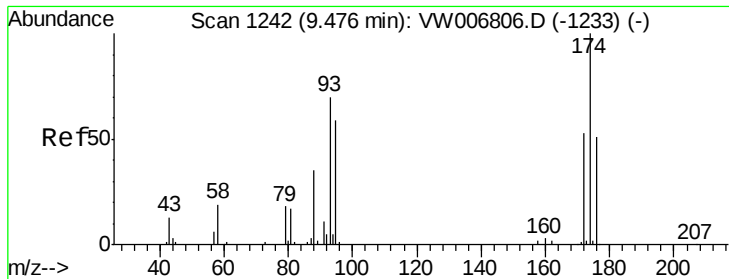
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#48
Methyl methacrylate
Concen: 21.232 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	102.8	79.8	119.6
39	64.3	45.9	68.9





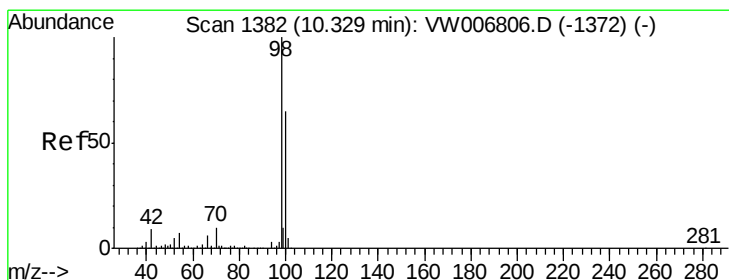
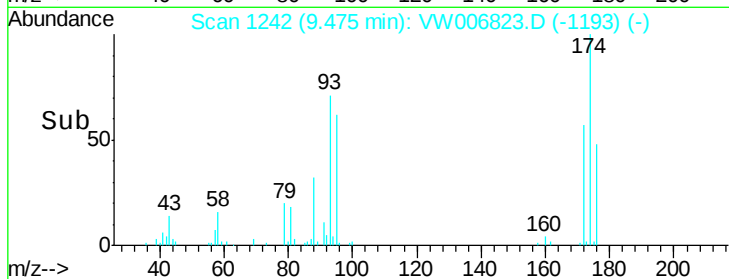
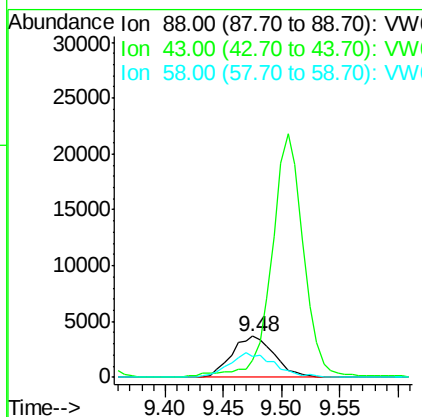
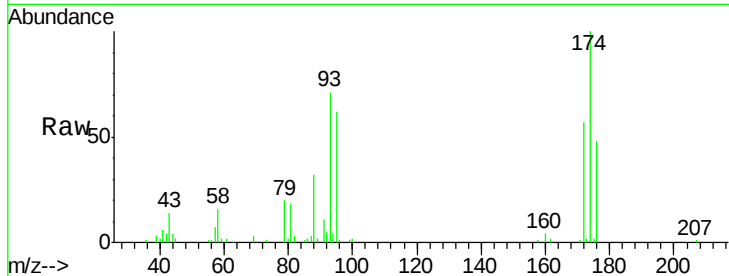
#49
1,4-Dioxane
Concen: 466.341 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.1	50.6	75.8

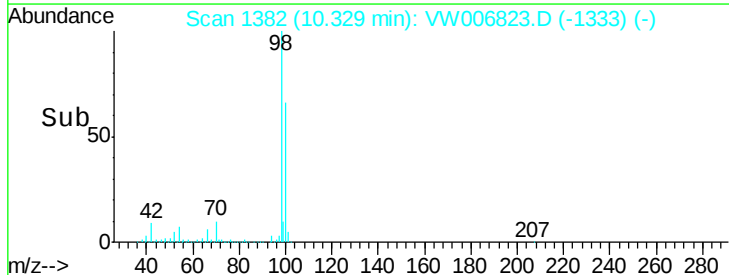
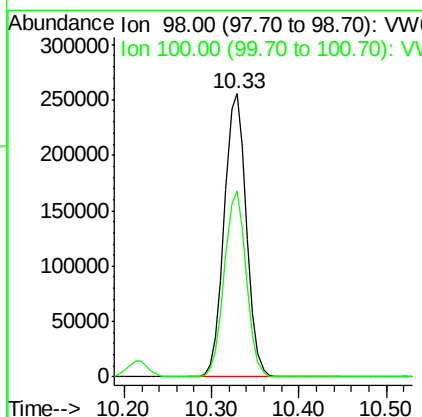
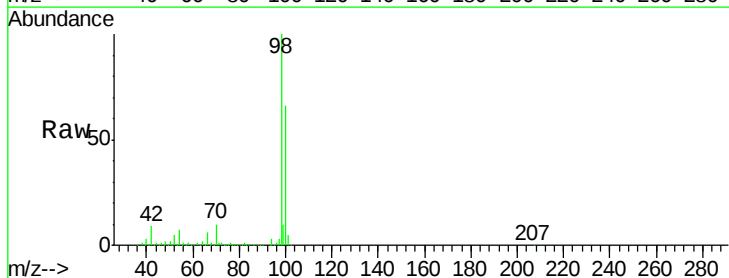
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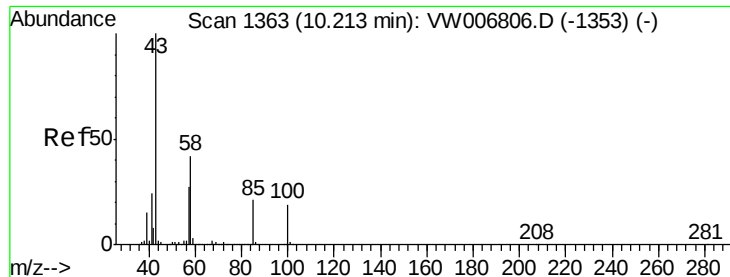
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#50
Toluene-d8
Concen: 46.303 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.4	77.2





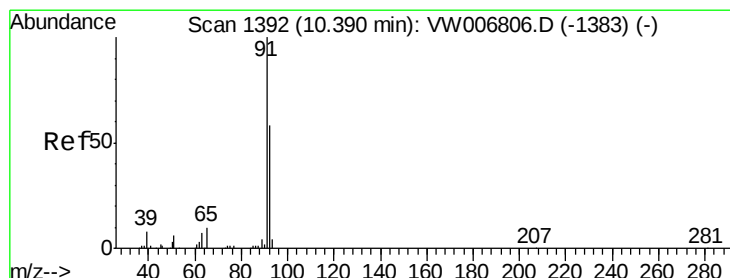
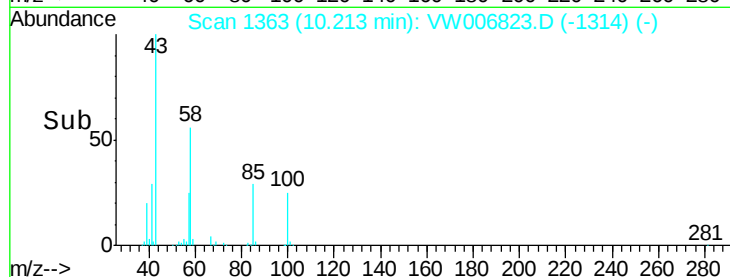
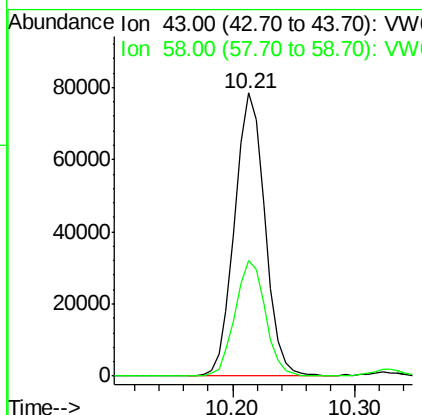
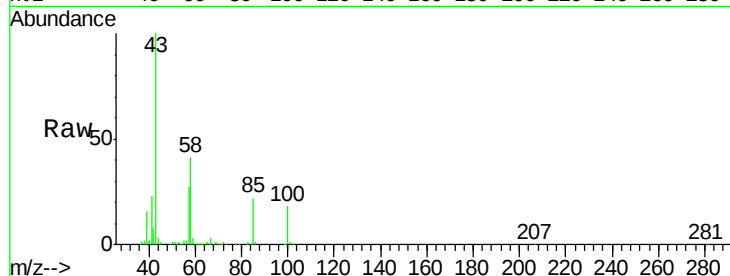
#51
4-Methyl-2-Pentanone
Concen: 115.548 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion: 43 Resp: 134806
Ion Ratio Lower Upper
43 100
58 40.9 34.0 51.0

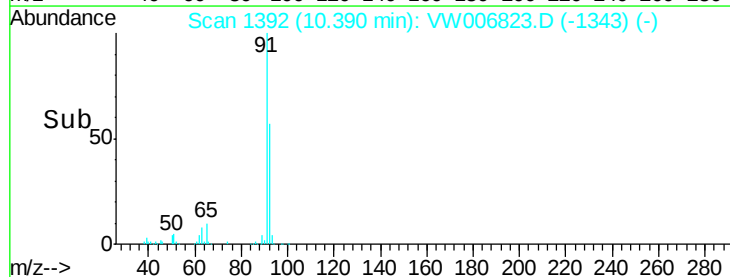
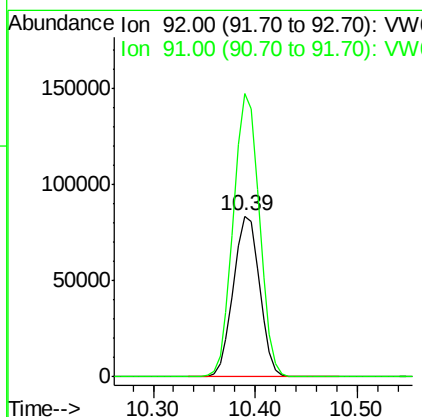
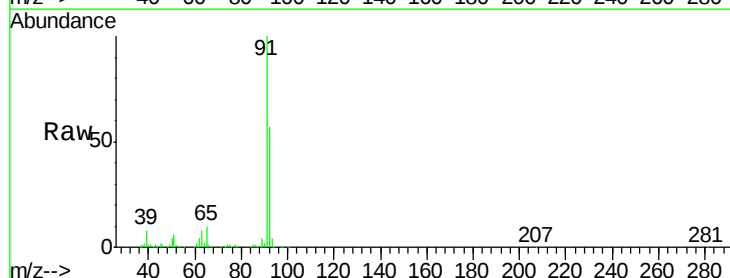
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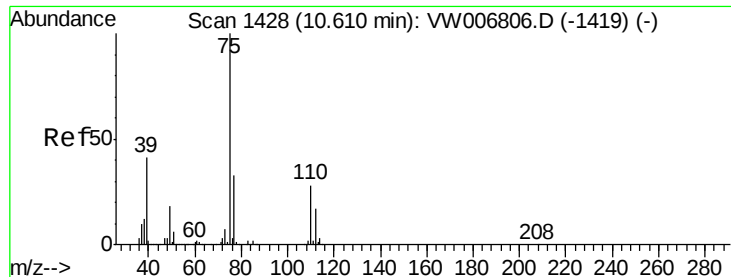
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#52
Toluene
Concen: 20.684 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion: 92 Resp: 149178
Ion Ratio Lower Upper
92 100
91 174.6 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 22.108 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 75 Resp: 71251

Ion Ratio Lower Upper

75 100

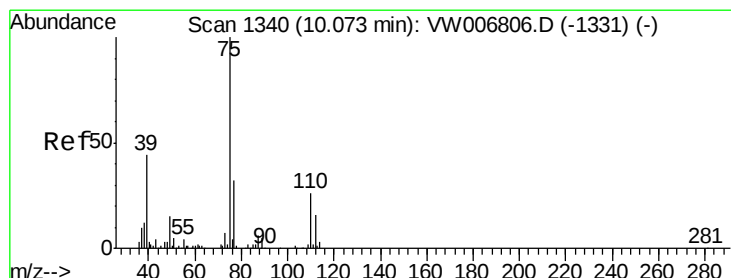
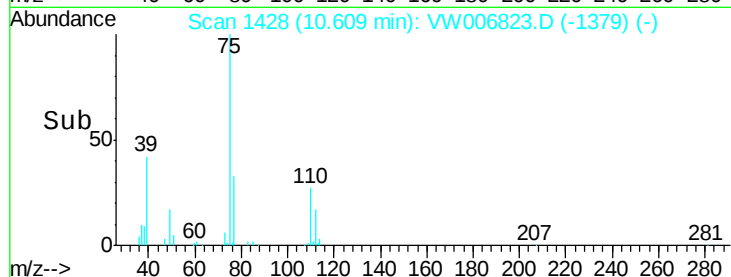
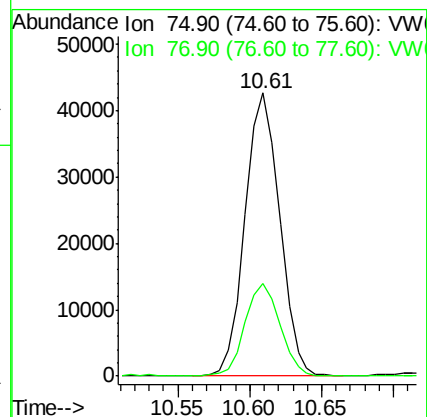
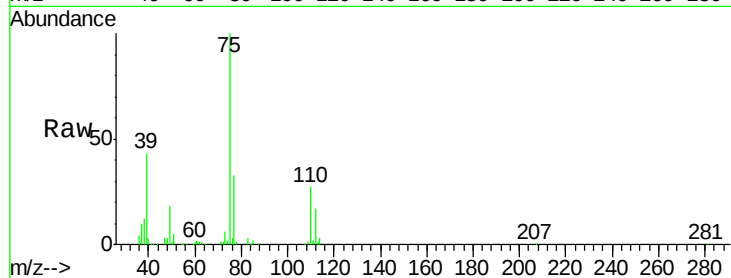
77 32.8 26.3 39.5

Manual Integrations

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apatel

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#54

cis-1,3-Dichloropropene

Concen: 22.440 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

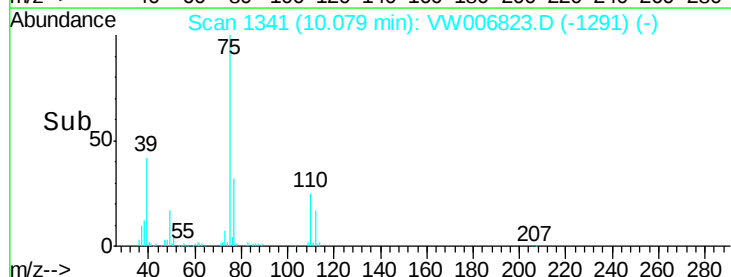
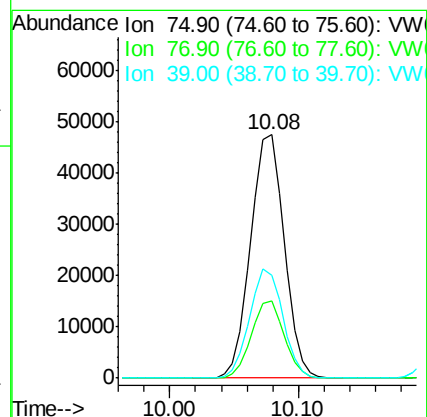
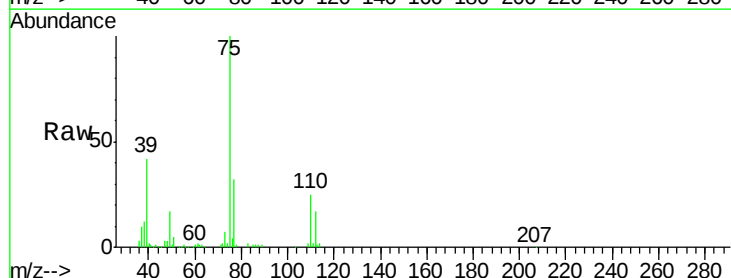
Tgt Ion: 75 Resp: 85757

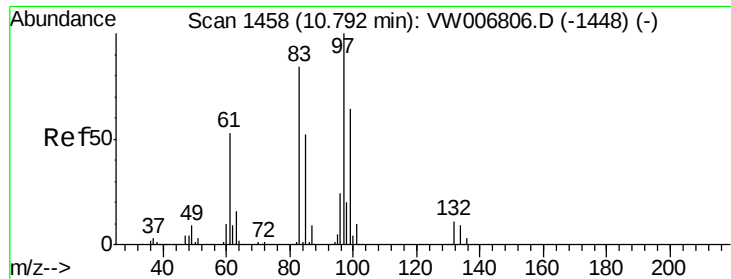
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 42.2 35.3 52.9





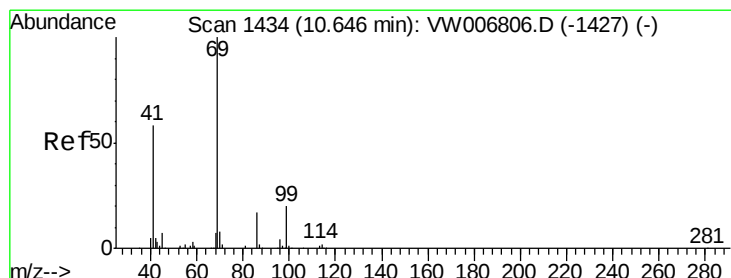
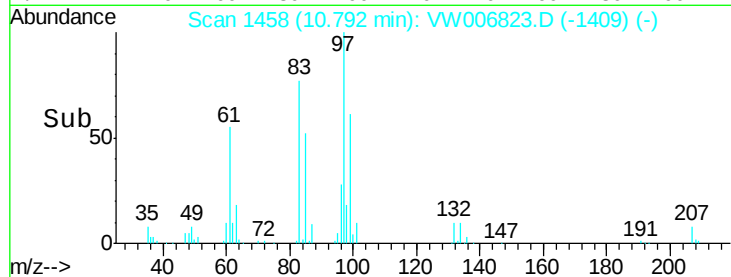
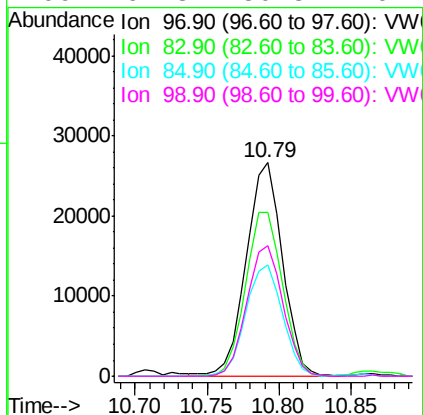
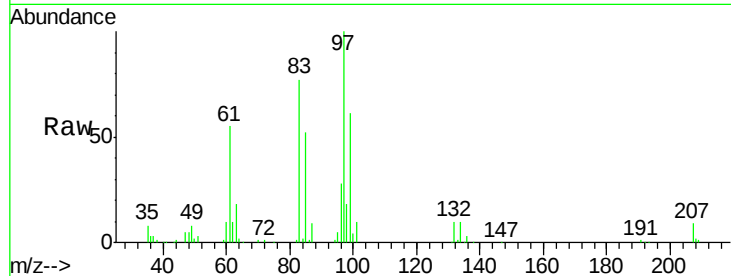
#55
 1,1,2-Trichloroethane
 Concen: 23.684 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion:	97	Resp:	46386
Ion	Ratio	Lower	Upper
97	100		
83	77.0	67.0	100.4
85	52.4	41.7	62.5
99	61.3	50.8	76.2

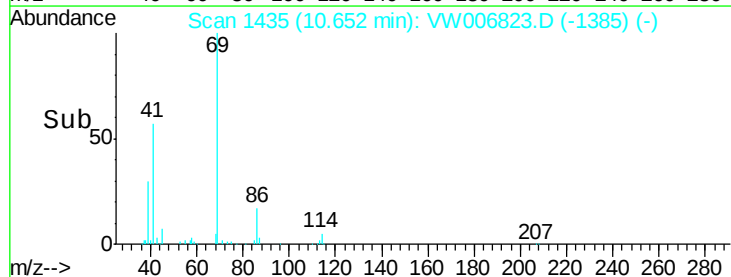
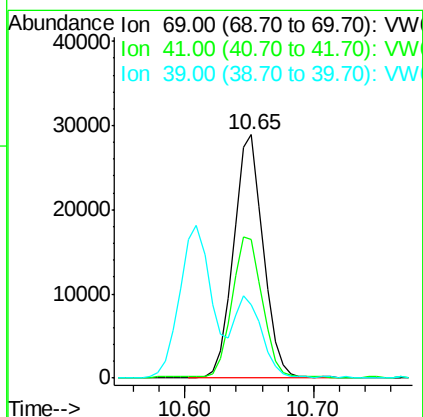
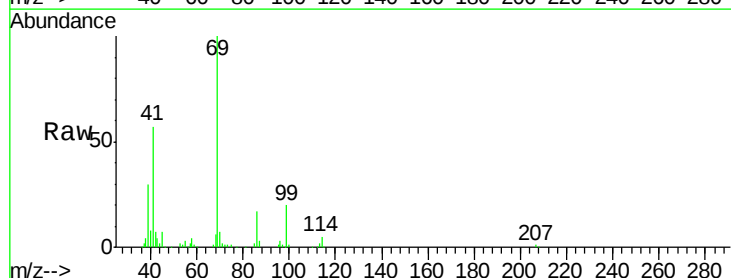
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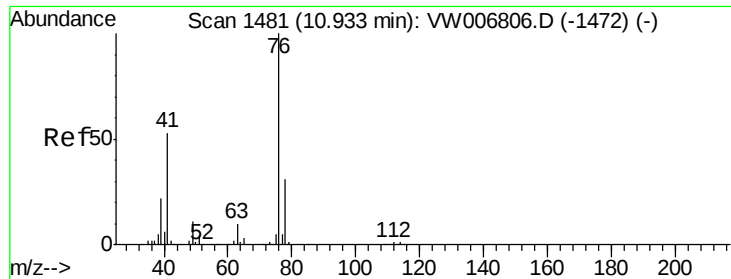
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#56
 Ethyl methacrylate
 Concen: 21.573 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion:	69	Resp:	46305
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.0	70.4
39	29.6	23.1	34.7





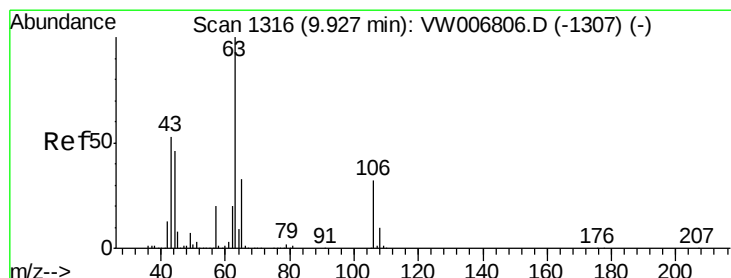
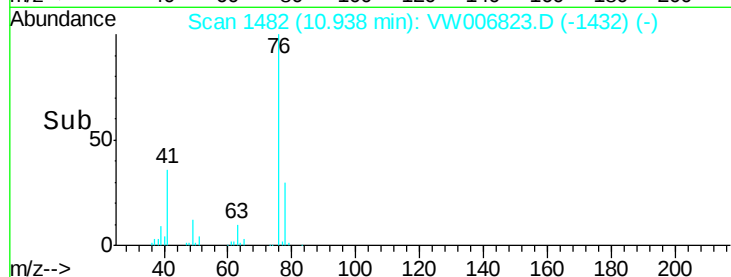
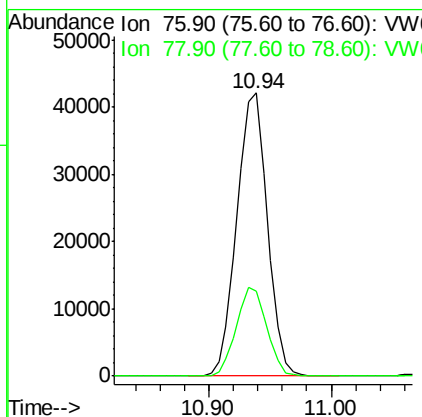
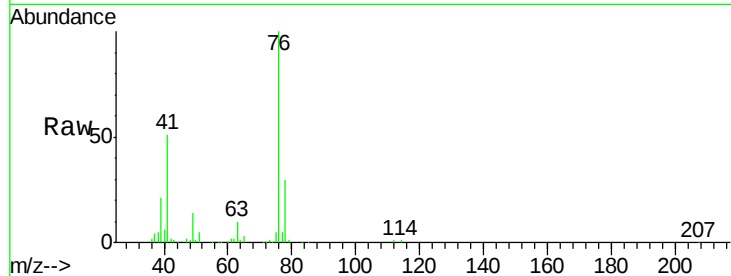
#57
 1,3-Dichloropropane
 Concen: 23.499 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion: 76 Resp: 72886
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.2

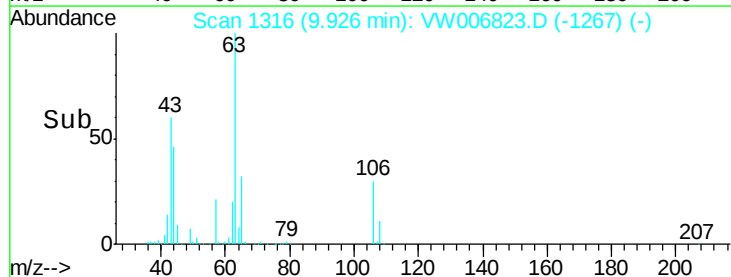
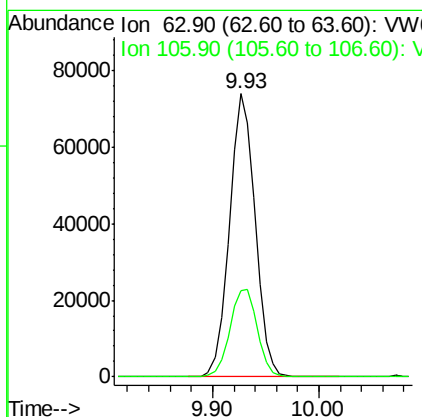
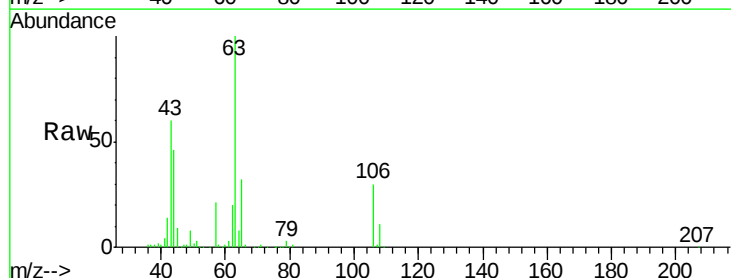
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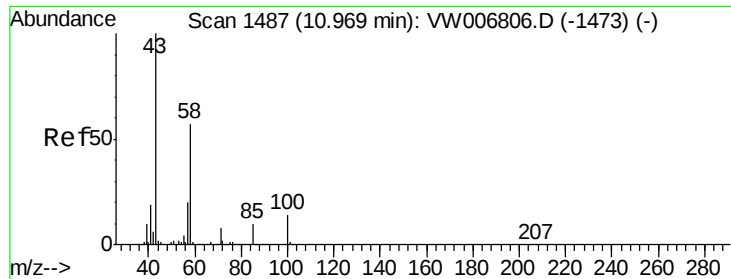
apatel
 11/13/2018 3:57:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.216 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion: 63 Resp: 124932
 Ion Ratio Lower Upper
 63 100
 106 32.8 25.4 38.0





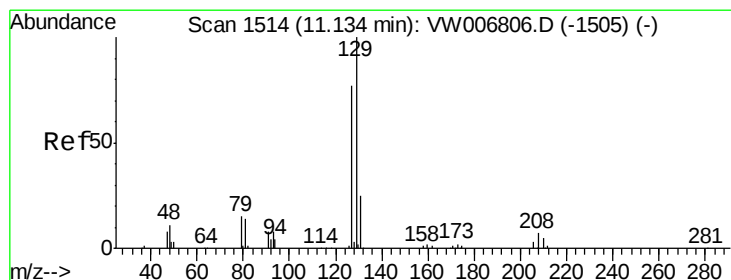
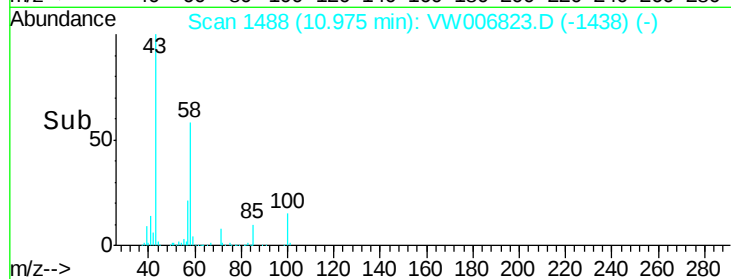
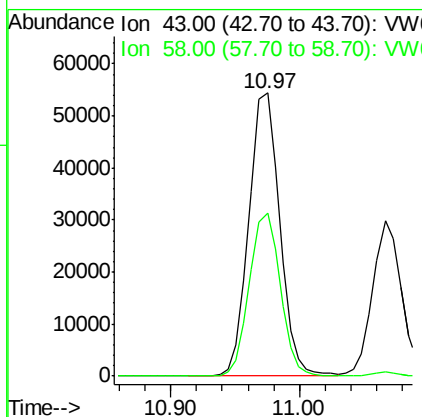
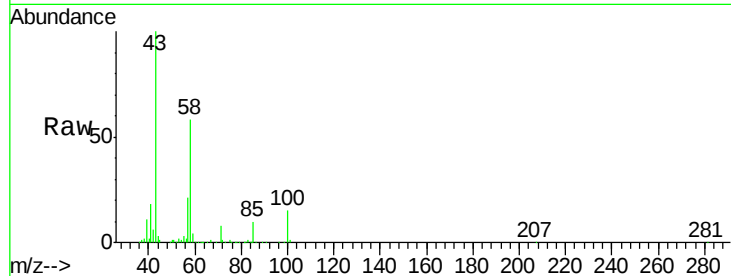
#59
2-Hexanone
Concen: 112.375 ug/l
RT: 10.97 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion: 43 Resp: 90431
Ion Ratio Lower Upper
43 100
58 57.7 28.7 86.1

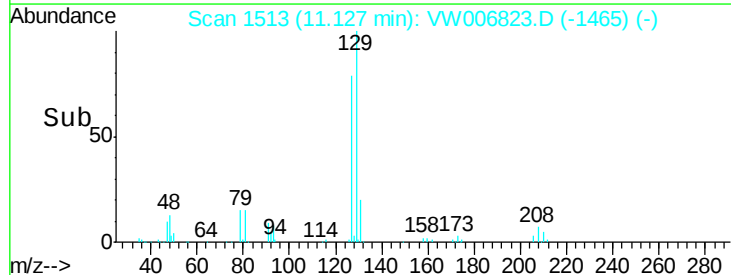
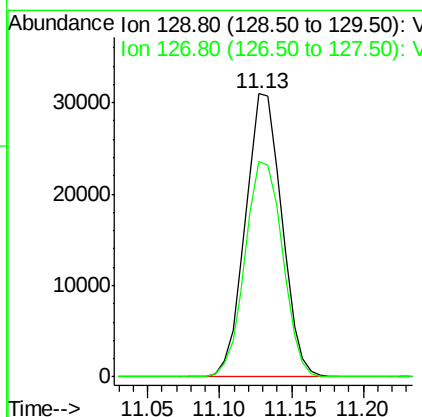
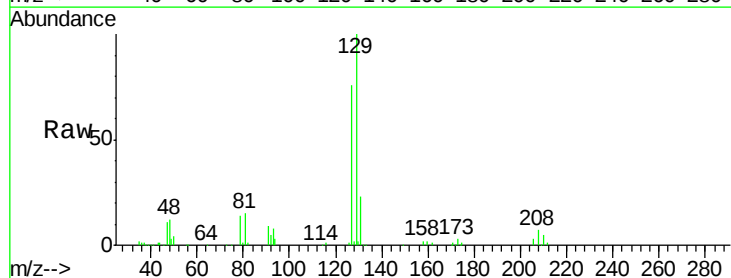
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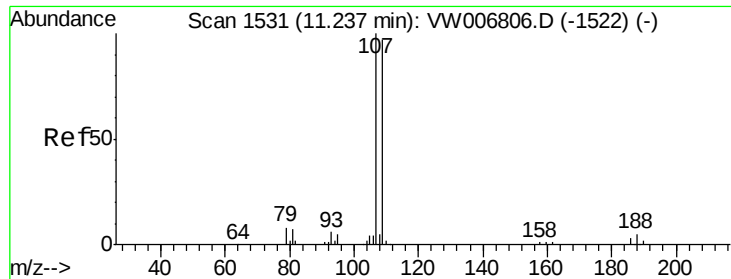
apatel
11/13/2018 3:57:44 PM



#60
Dibromochloromethane
Concen: 22.640 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion: 129 Resp: 54256
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





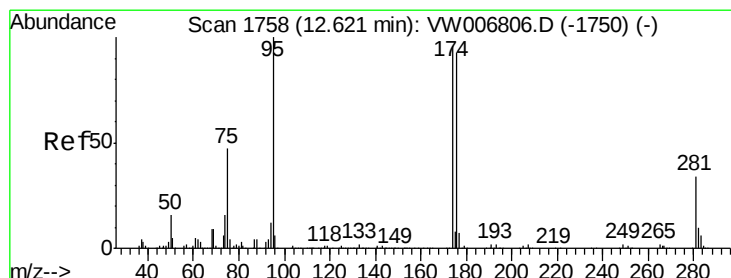
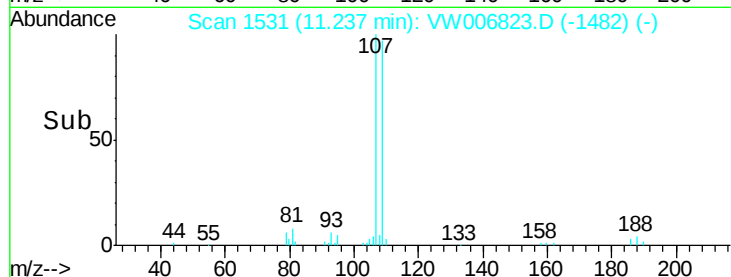
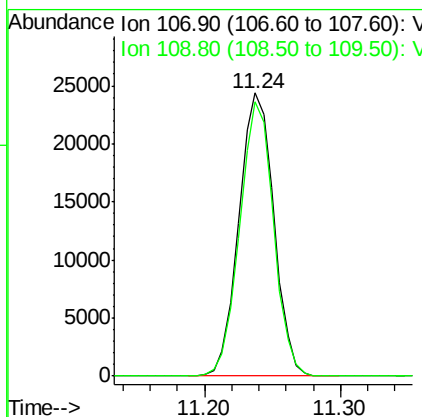
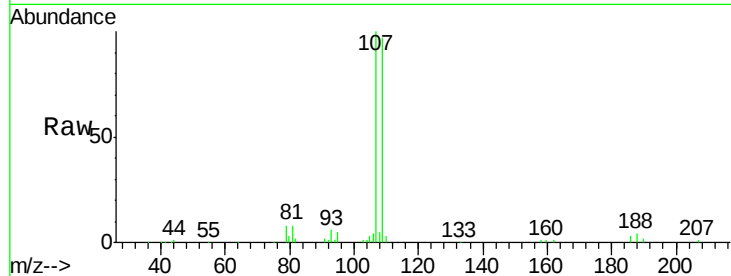
#61
 1,2-Dibromoethane
 Concen: 23.451 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion: 107 Resp: 43621
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.7 115.1

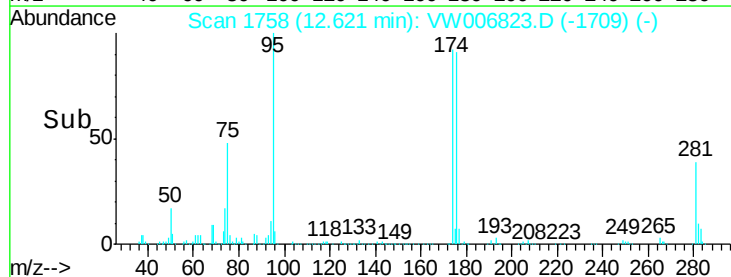
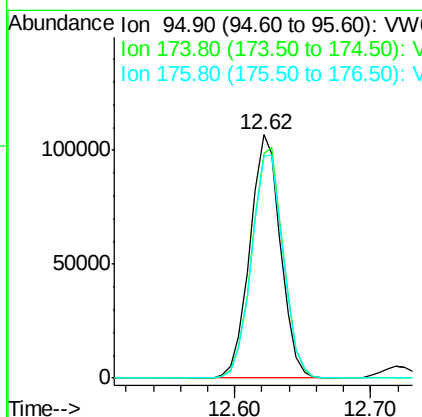
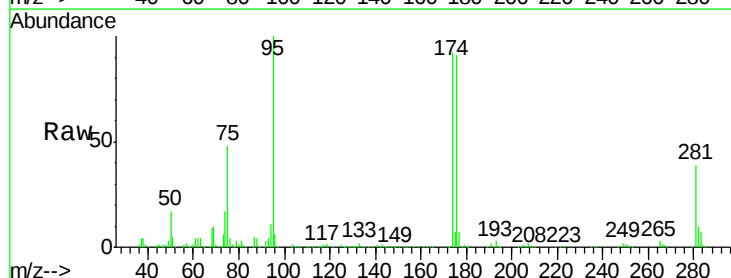
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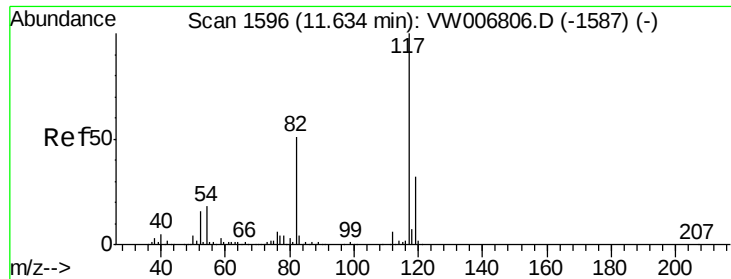
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.558 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion: 95 Resp: 169018
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 196.6
 176 94.8 0.0 191.6





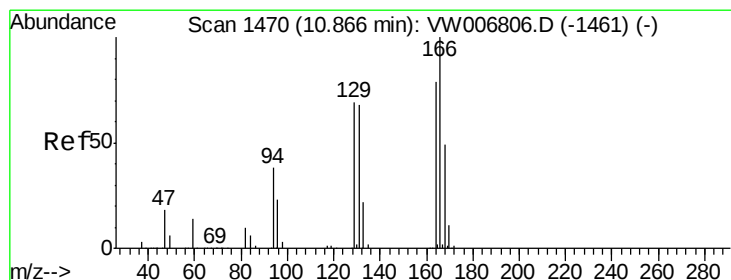
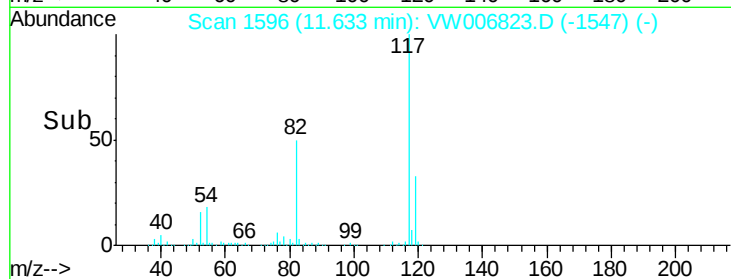
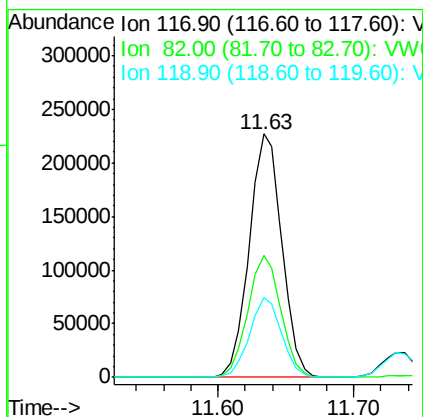
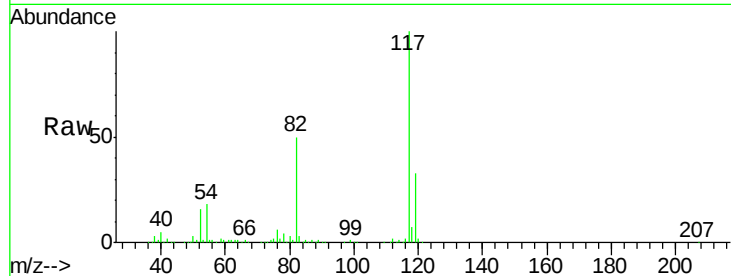
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	382882		
82	50.2	40.6	61.0	
119	32.6	25.5	38.3	

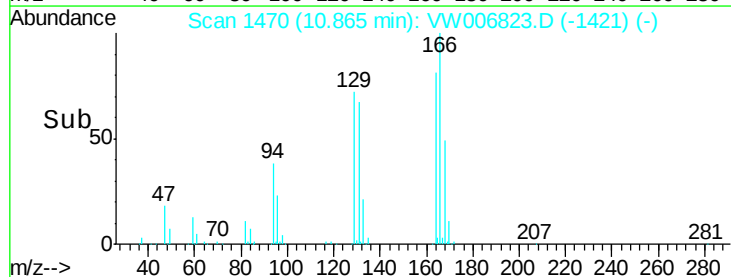
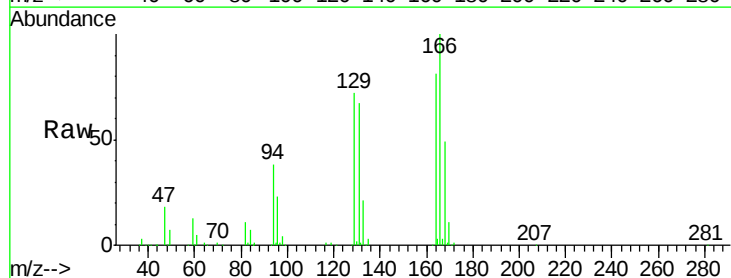
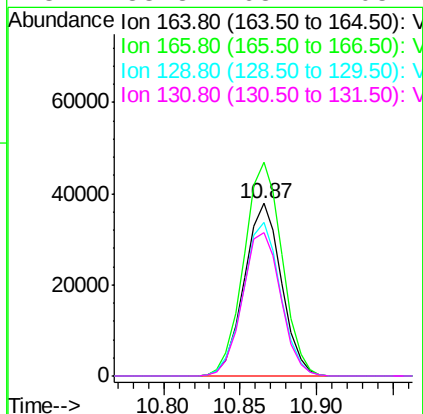
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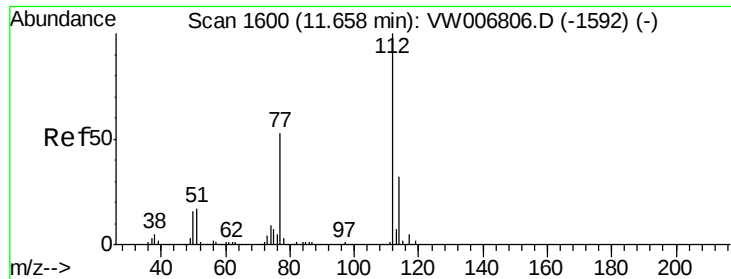
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#64
Tetrachloroethene
Concen: 20.882 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64072		
166	123.9	101.3	151.9	
129	89.4	69.6	104.4	
131	83.3	68.7	103.1	





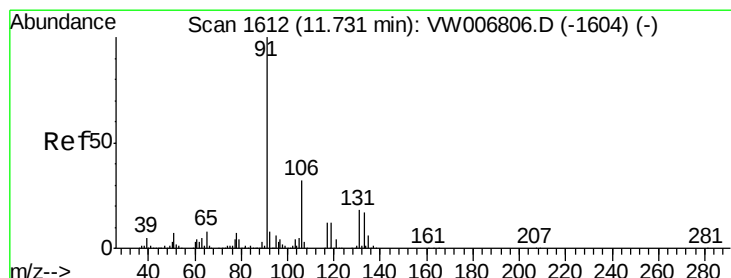
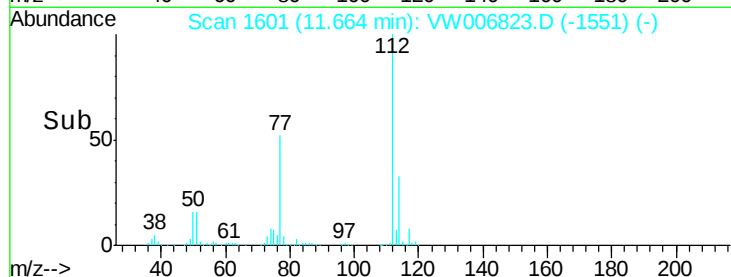
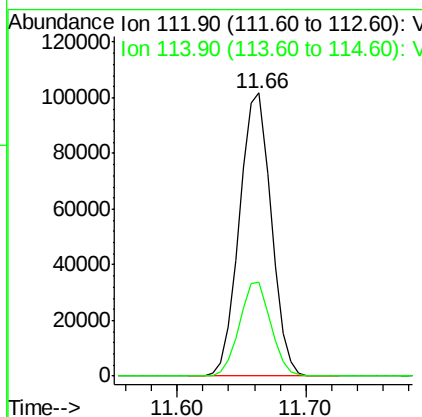
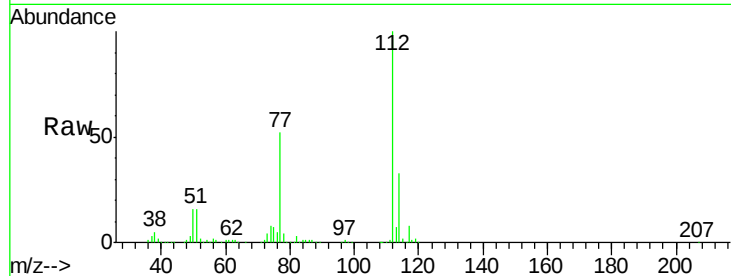
#65
Chlorobenzene
Concen: 20.410 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion:112 Resp: 173369
Ion Ratio Lower Upper
112 100
114 33.2 26.0 39.0

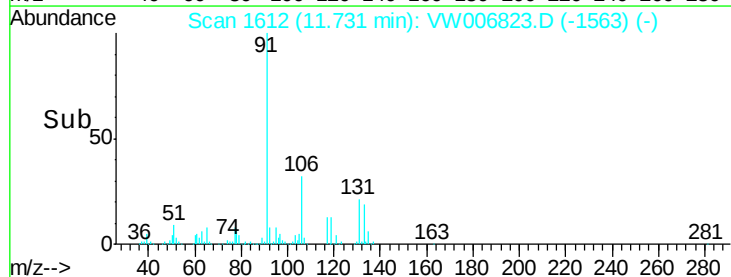
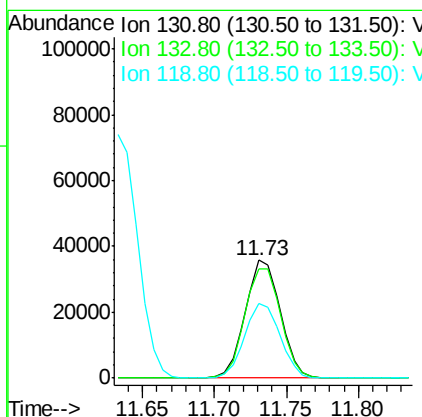
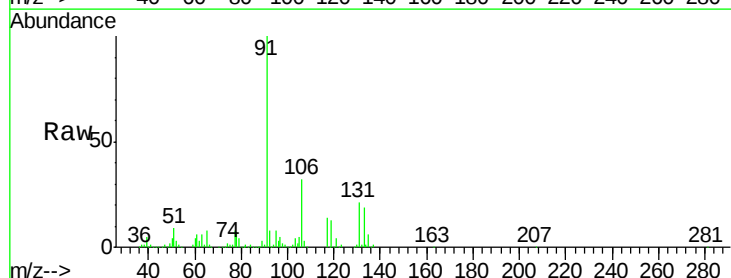
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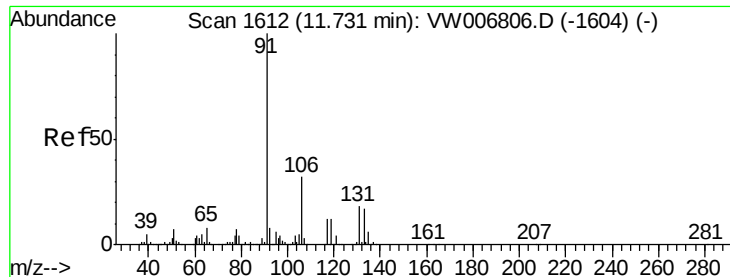
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.836 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion:131 Resp: 60185
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.8
119 64.2 32.4 97.2





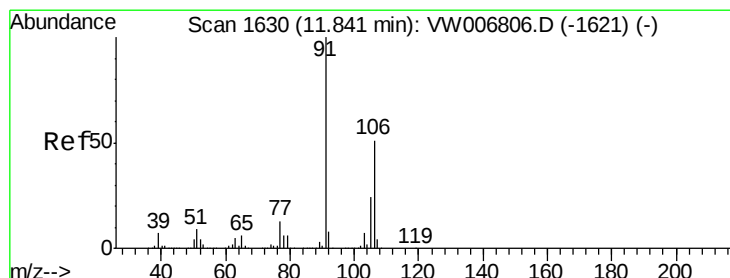
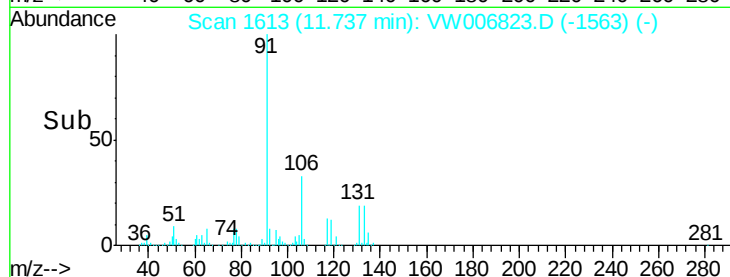
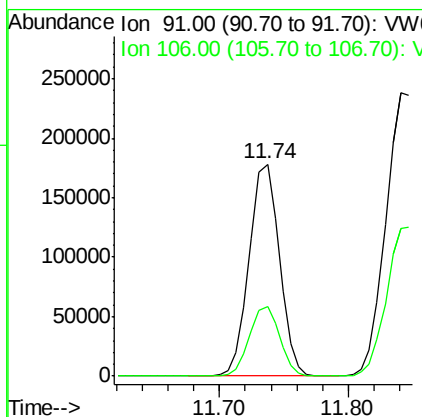
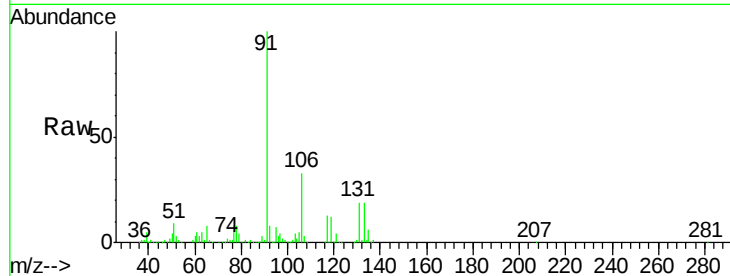
#67
Ethyl Benzene
Concen: 20.023 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion: 91 Resp: 289953
Ion Ratio Lower Upper
91 100
106 33.1 25.4 38.0

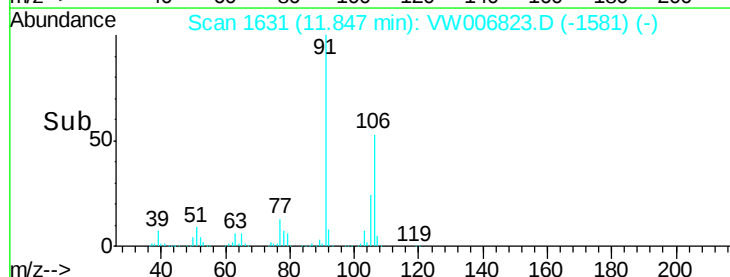
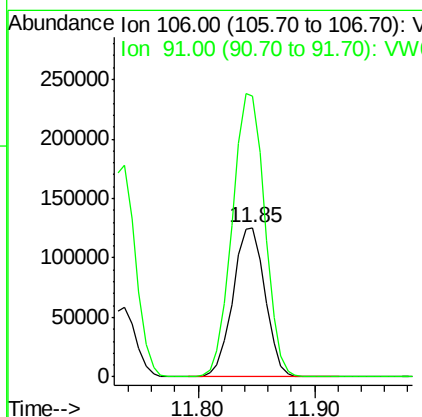
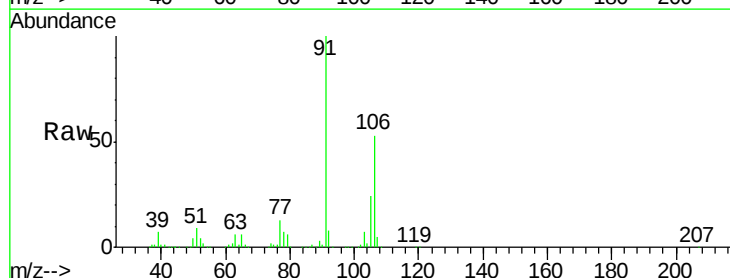
Manual Integrations
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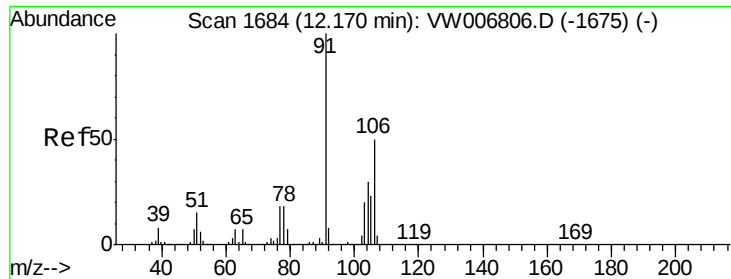
apatel
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#68
m/p-Xylenes
Concen: 40.720 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion: 106 Resp: 241258
Ion Ratio Lower Upper
106 100
91 192.1 155.7 233.5





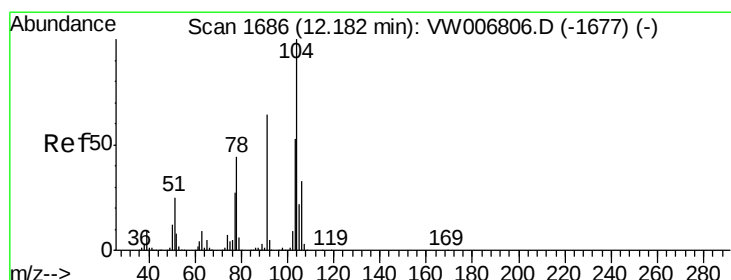
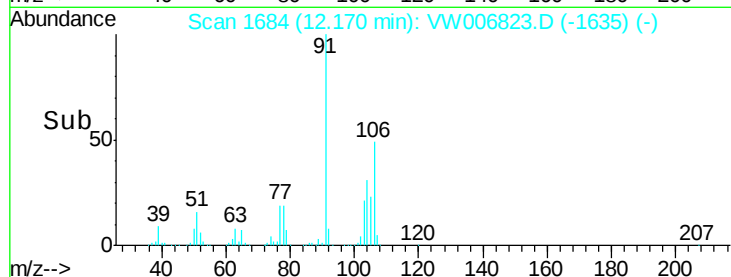
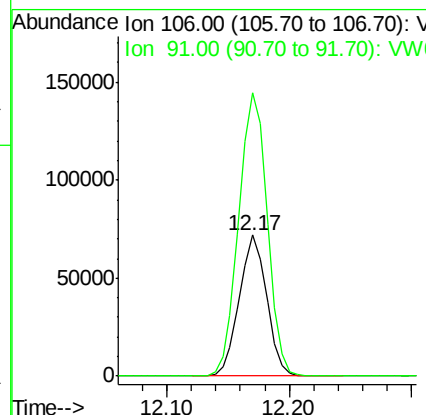
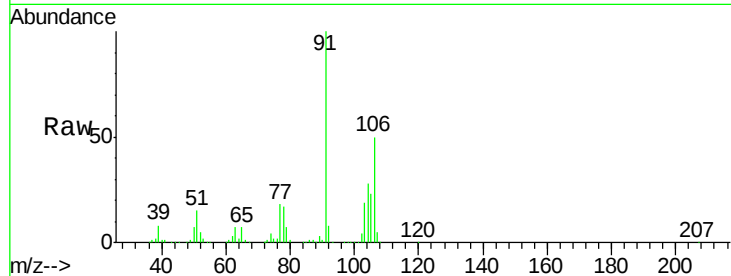
#69
o-Xylene
Concen: 20.147 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion:106 Resp: 111092
Ion Ratio Lower Upper
106 100
91 209.6 101.9 305.7

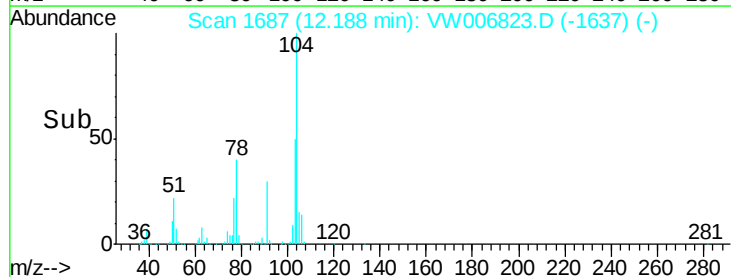
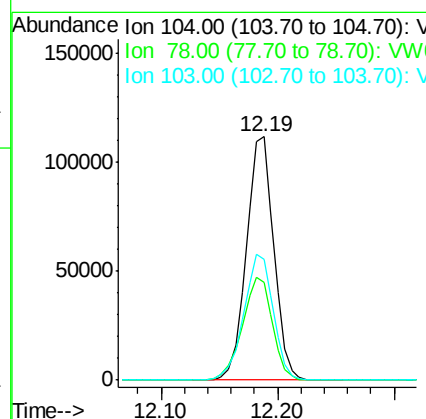
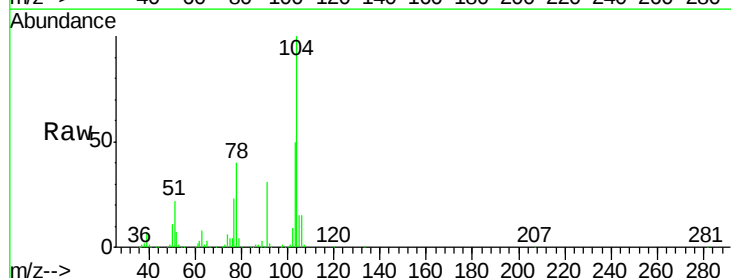
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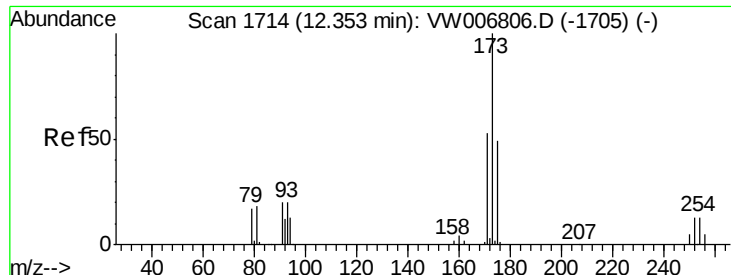
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#70
Styrene
Concen: 20.755 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion:104 Resp: 183179
Ion Ratio Lower Upper
104 100
78 46.3 37.3 55.9
103 55.4 44.6 66.8





#71

Bromoform

Concen: 21.916 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion:173 Resp: 32967

Ion Ratio Lower Upper

173 100

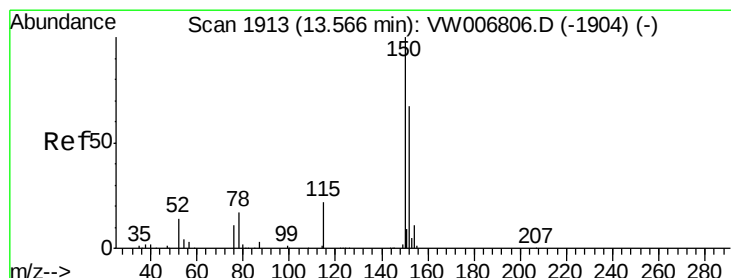
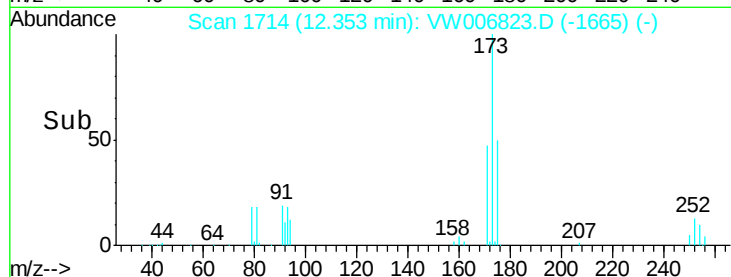
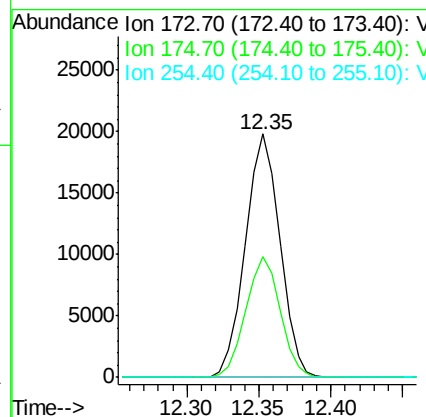
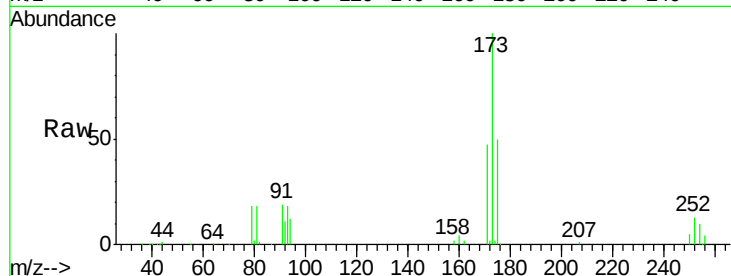
175 49.1 24.4 73.4

254 0.2 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

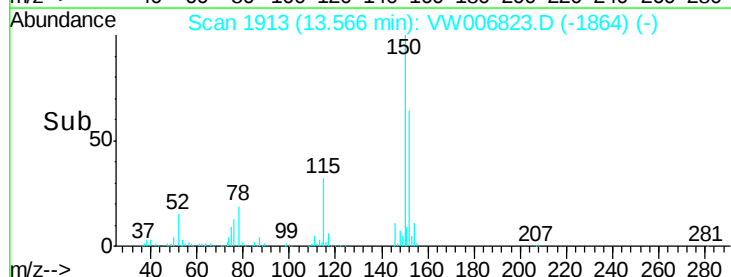
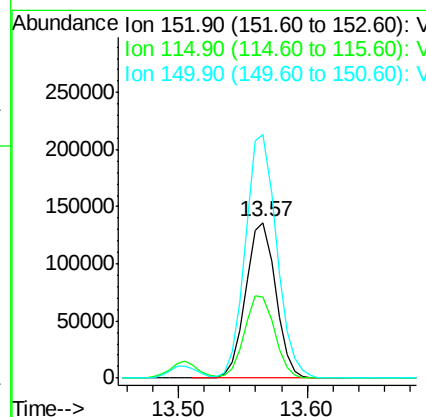
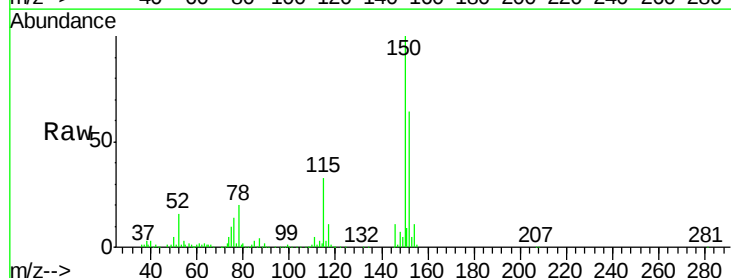
Tgt Ion:152 Resp: 218483

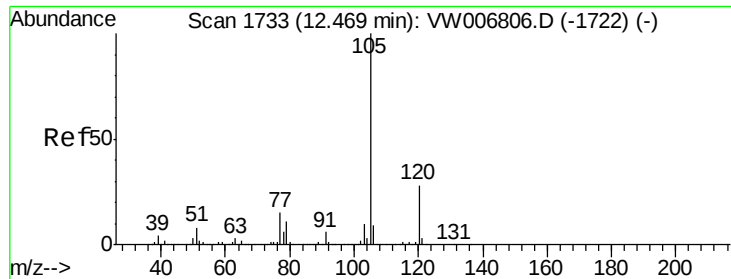
Ion Ratio Lower Upper

152 100

115 53.2 27.3 81.8

150 163.4 0.0 353.0





#73

Isopropylbenzene

Concen: 19.743 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBS02

Tgt Ion: 105 Resp: 299424

Ion Ratio Lower Upper

105 100

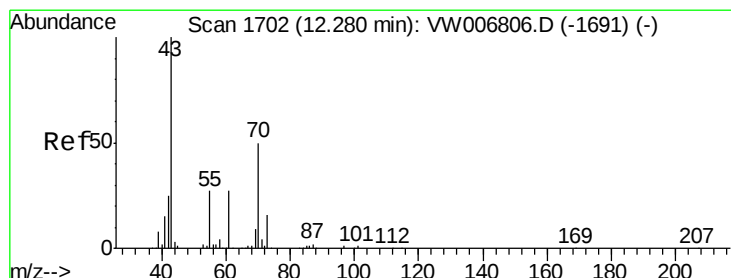
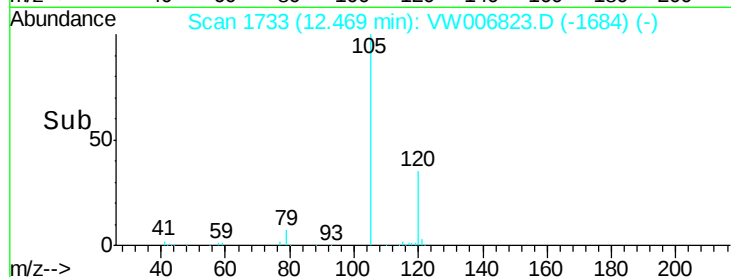
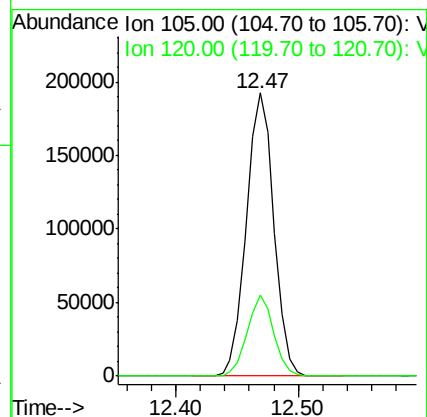
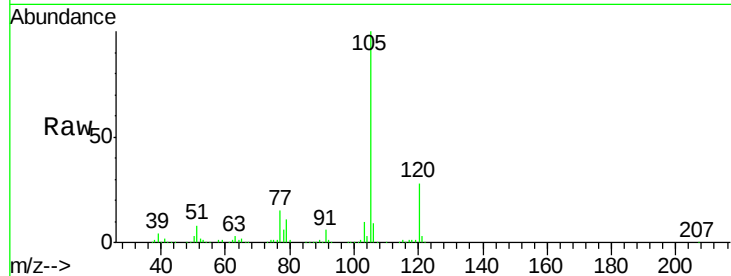
120 27.6 14.0 42.0

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#74

N-ethyl acetate

Concen: 21.895 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion: 43 Resp: 50208

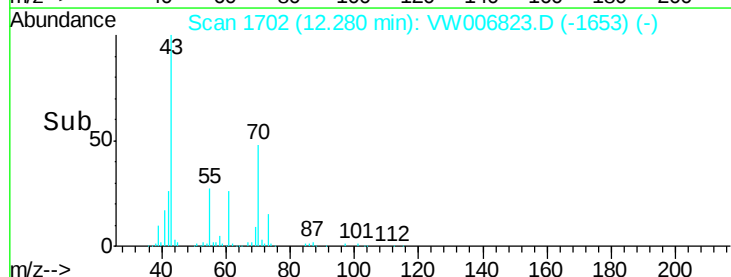
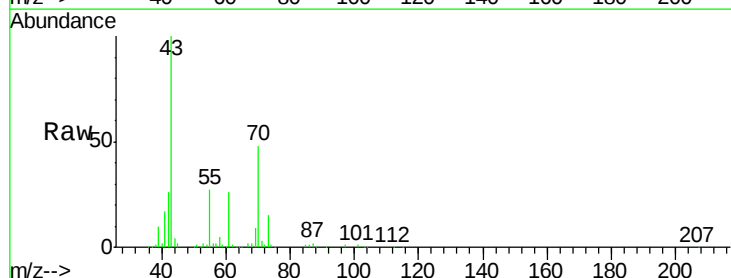
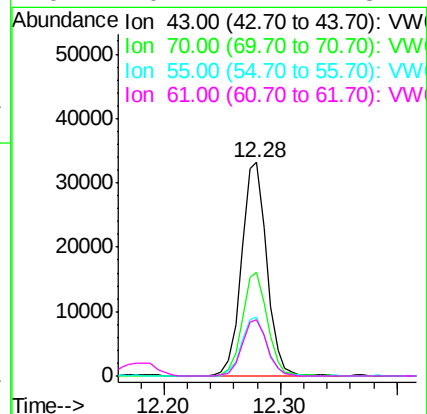
Ion Ratio Lower Upper

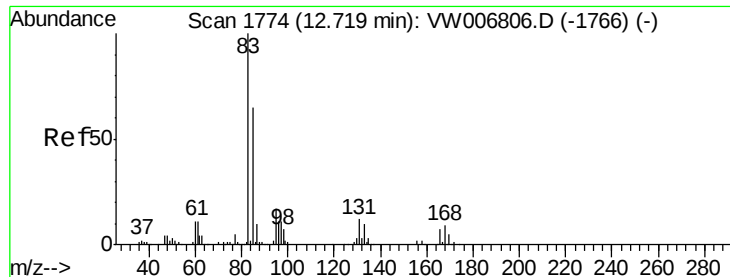
43 100

70 48.2 39.0 58.4

55 27.7 22.1 33.1

61 26.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.501 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

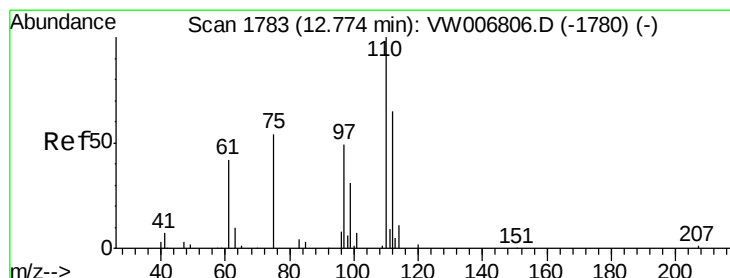
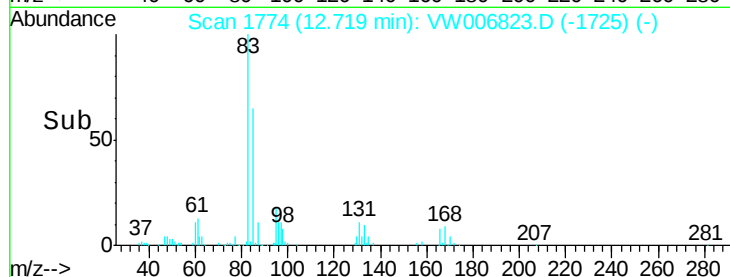
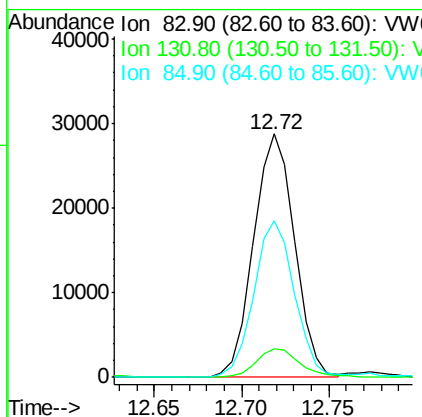
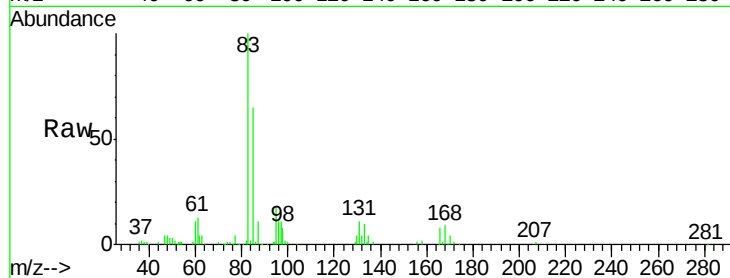
ClientSampleId :

VW1112SBS02

Tgt Ion:	83	Resp:	47205
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.1	18.3
85	63.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 22.850 ug/l m

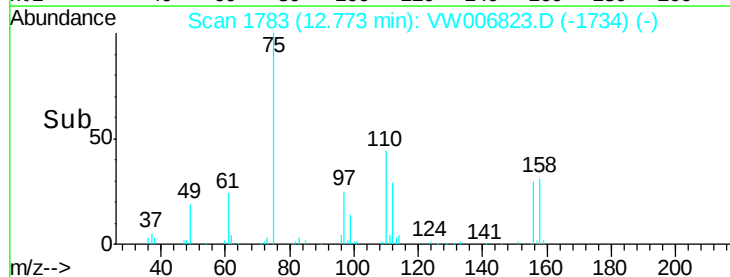
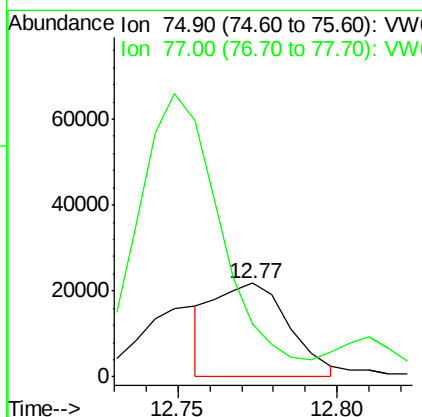
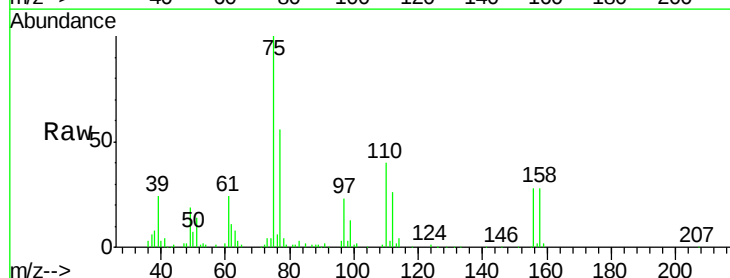
RT: 12.77 min Scan# 1783

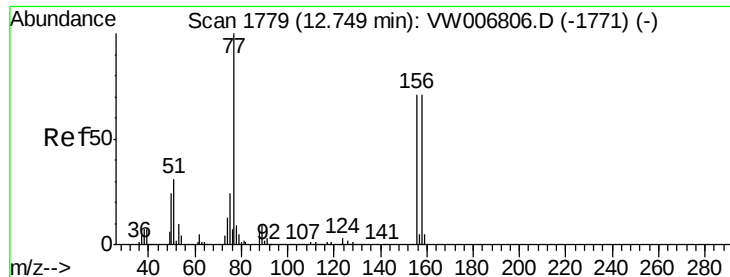
Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion:	75	Resp:	35978
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.964 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

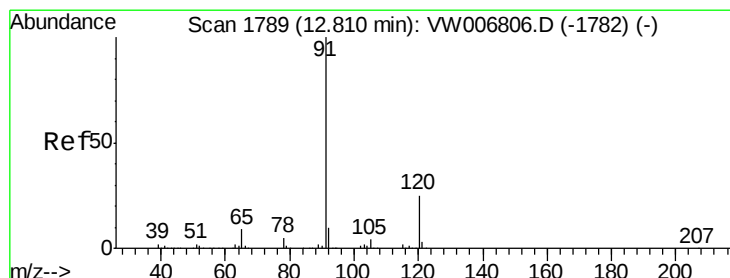
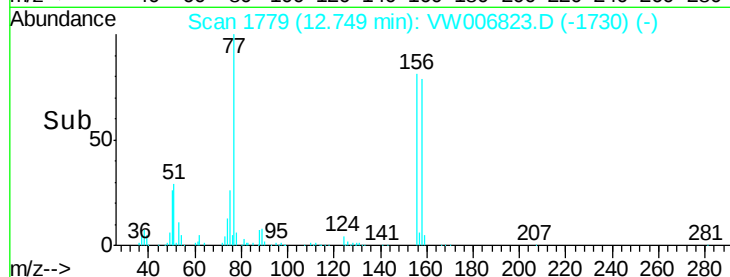
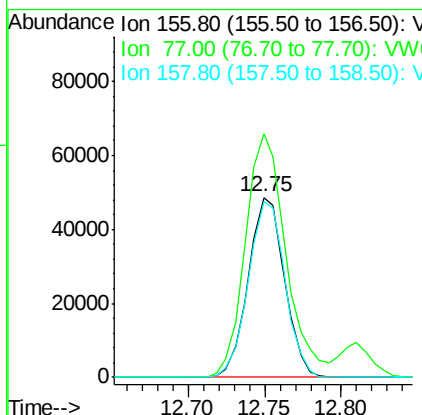
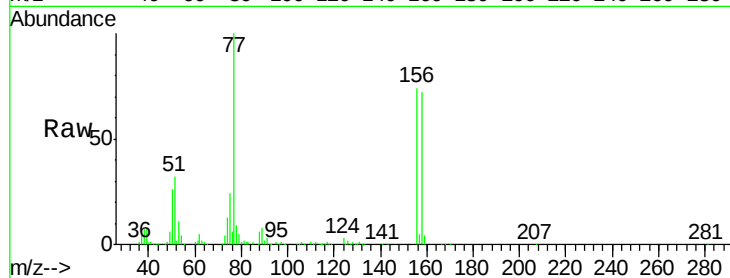
ClientSampleId :

VW1112SBS02

Tgt Ion:	156	Resp:	80157
Ion Ratio	Lower	Upper	
156	100		
77	151.6	75.3	225.7
158	98.8	49.2	147.6

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#78

n-propylbenzene

Concen: 19.928 ug/l

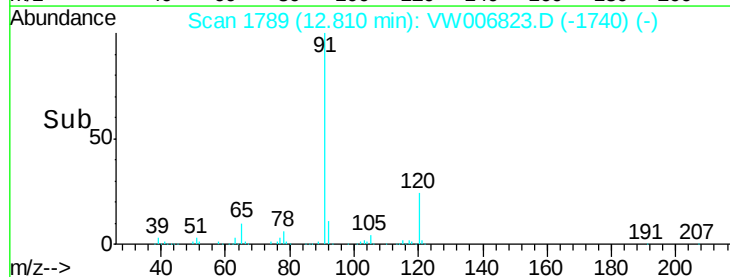
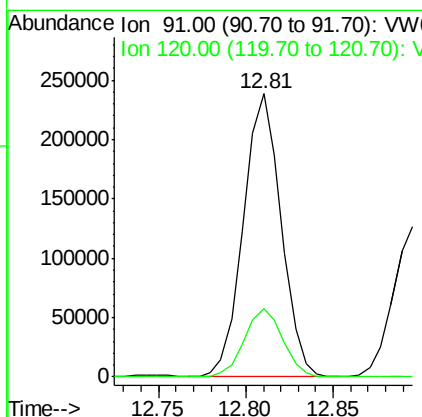
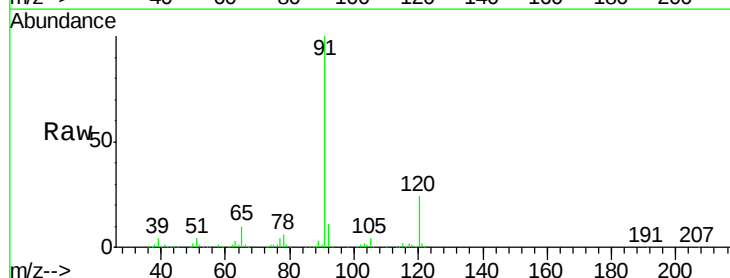
RT: 12.81 min Scan# 1789

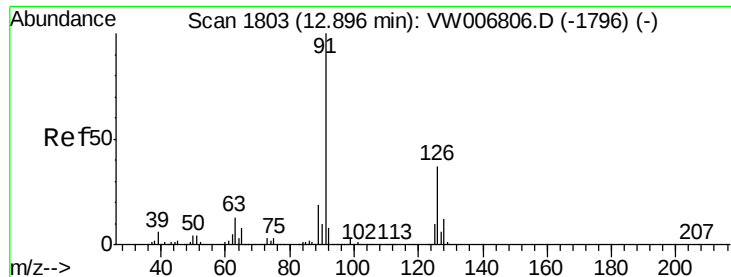
Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion:	91	Resp:	356694
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.4





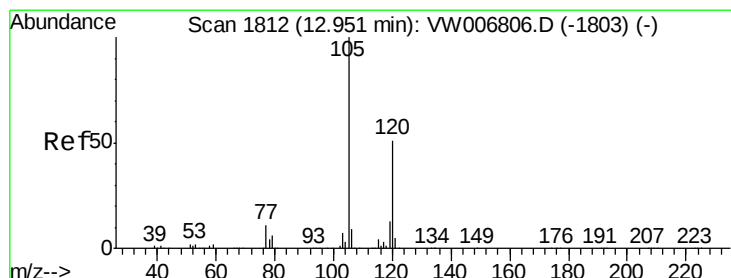
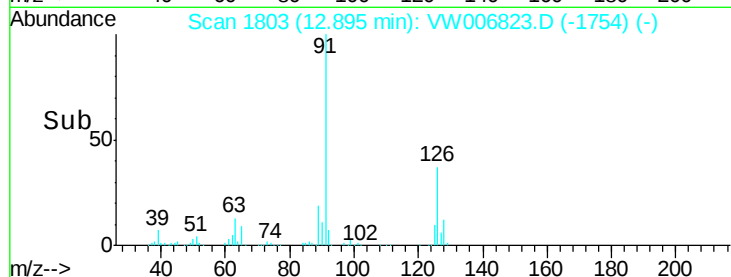
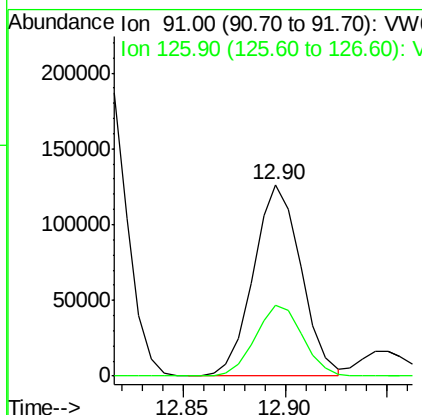
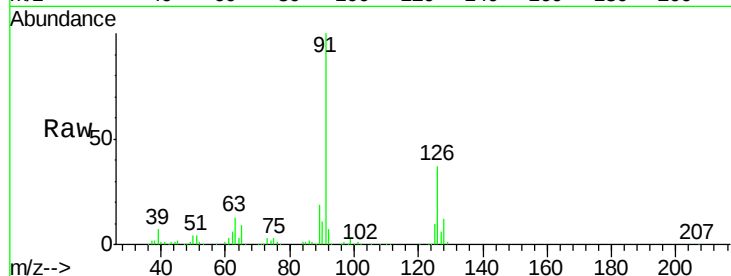
#79
 2-Chlorotoluene
 Concen: 20.381 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion: 91 Resp: 204671
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.5 55.5

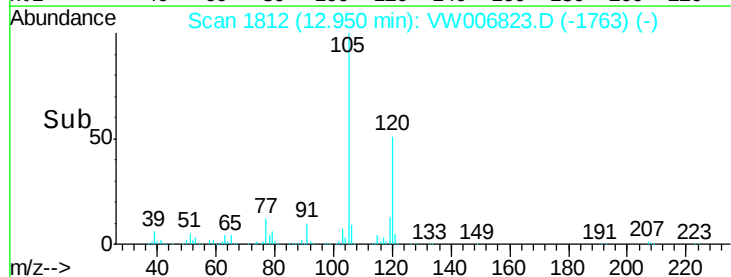
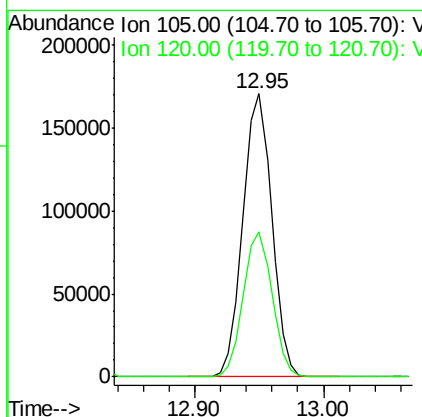
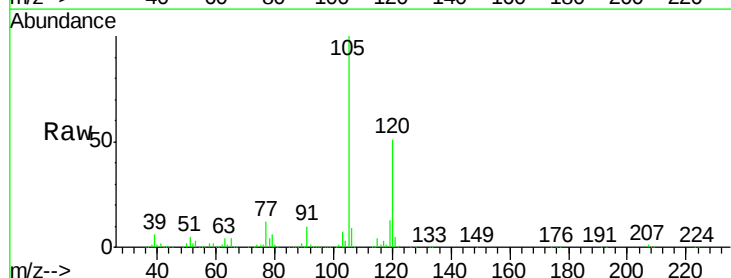
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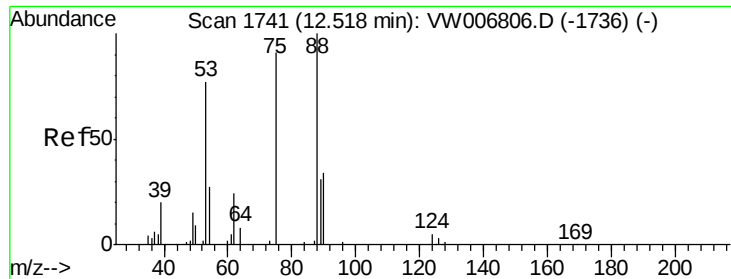
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.232 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion: 105 Resp: 263771
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.3 75.9





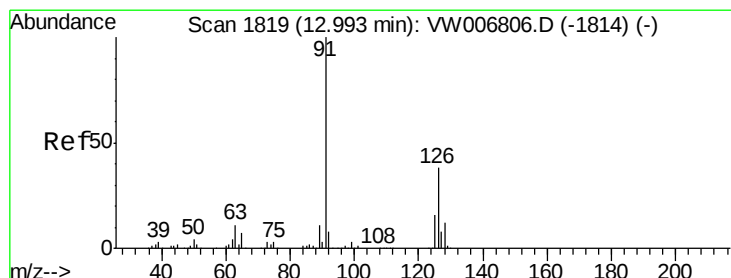
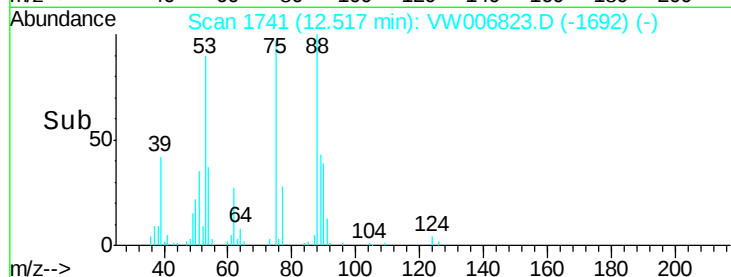
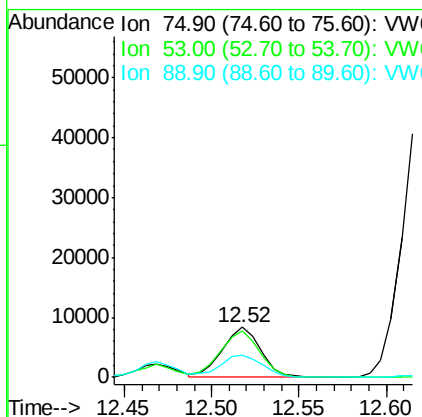
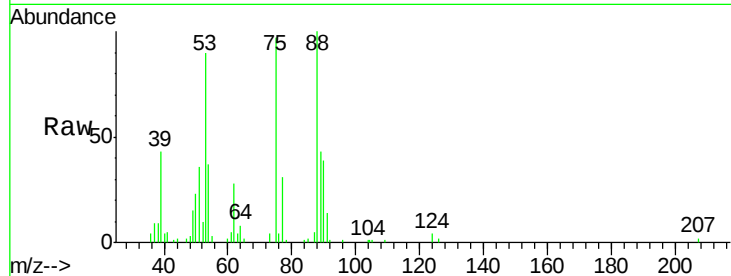
#81
trans-1,4-Dichloro-2-butene
Concen: 19.849 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.6	72.9	109.3
89	47.9	38.7	58.1

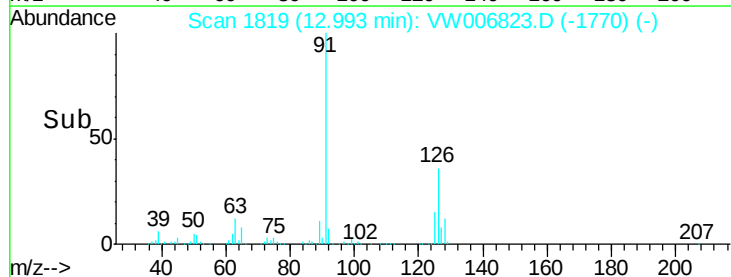
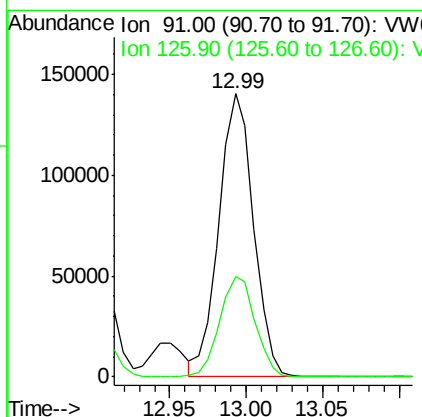
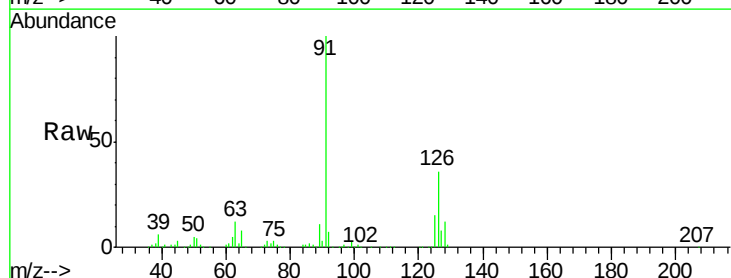
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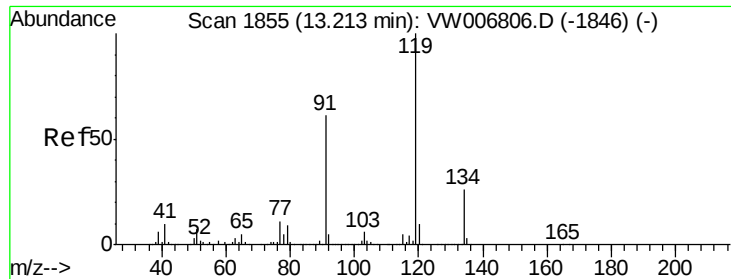
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#82
4-Chlorotoluene
Concen: 20.525 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.4	55.2





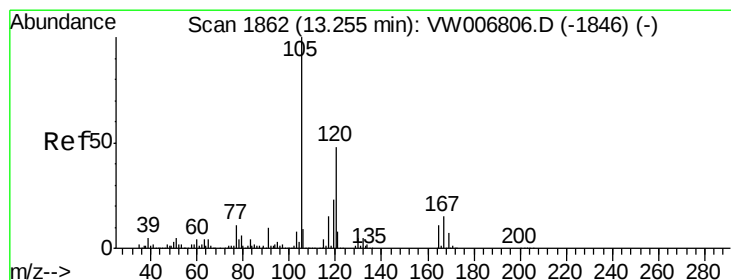
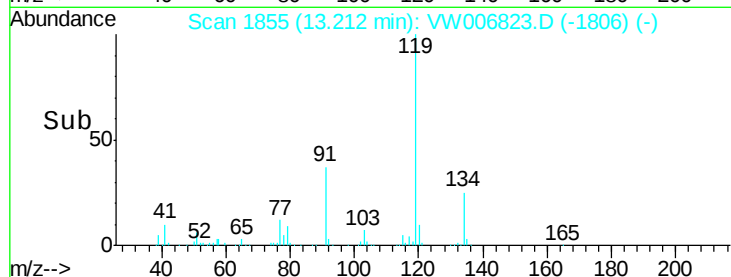
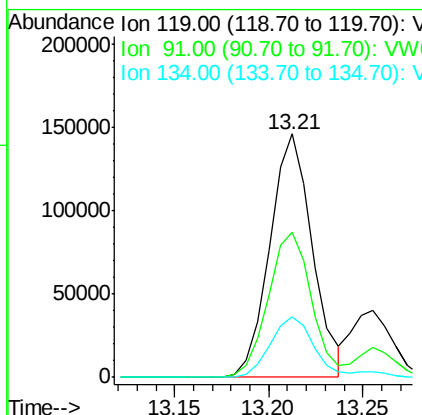
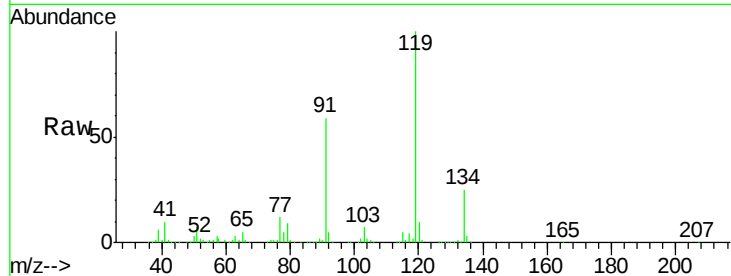
#83
 tert-Butylbenzene
 Concen: 19.848 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	228737		
91	60.4	30.0	90.1	
134	25.2	13.4	40.2	

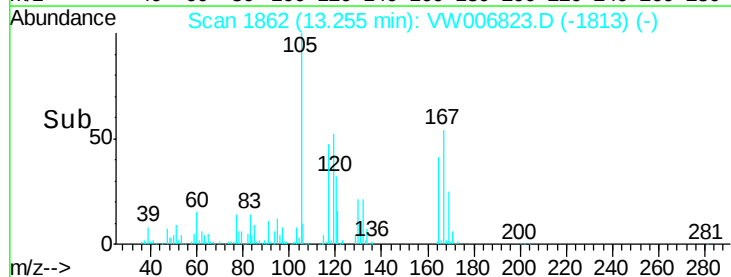
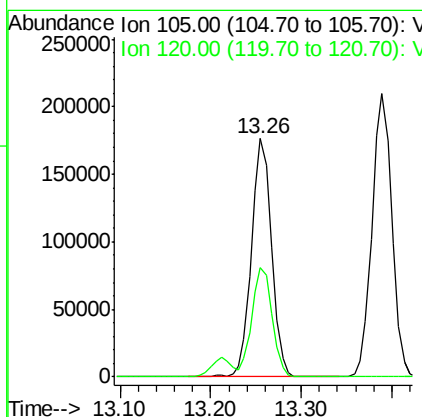
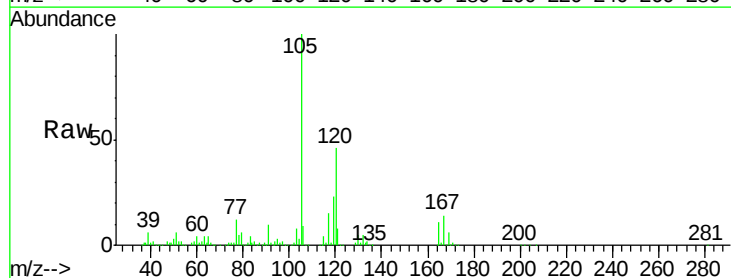
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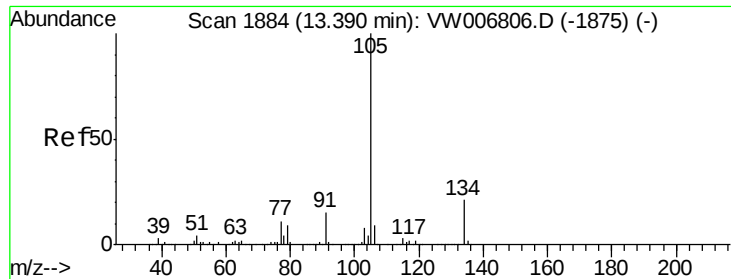
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.484 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271778		
120	46.0	23.4	70.0	





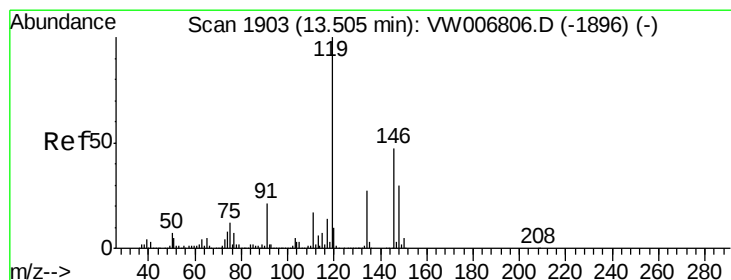
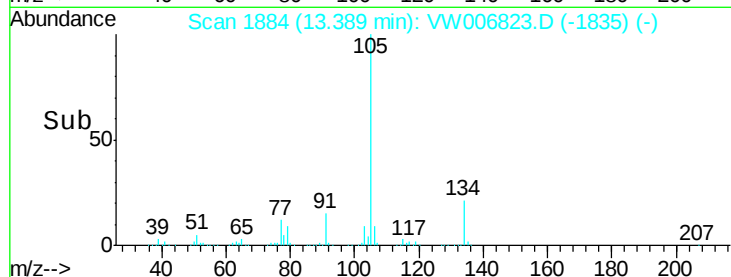
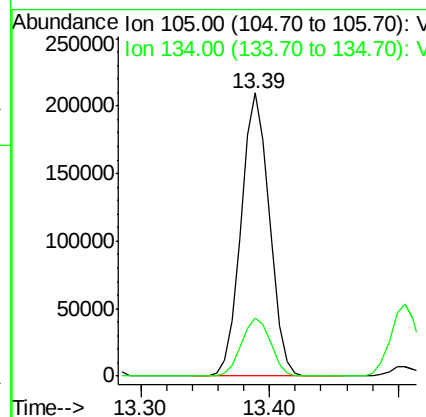
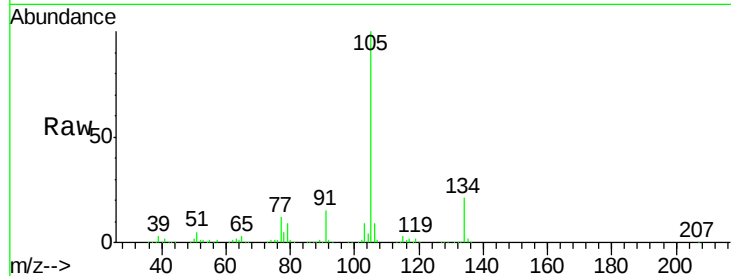
#85
 sec-Butylbenzene
 Concen: 19.514 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.7	31.9

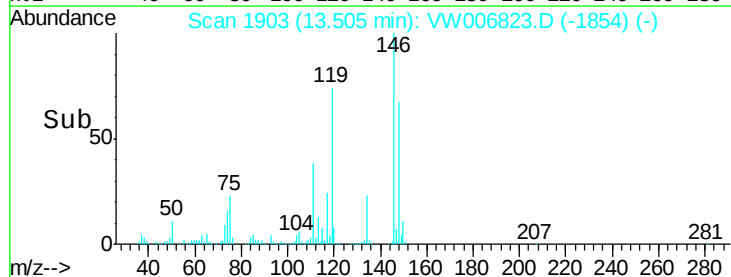
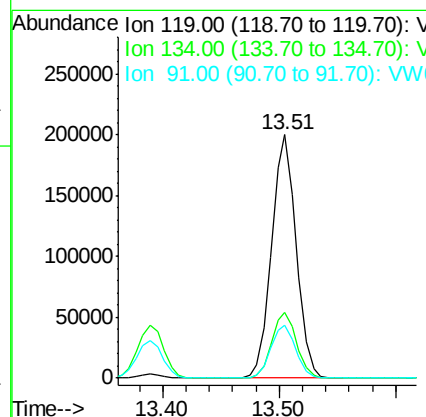
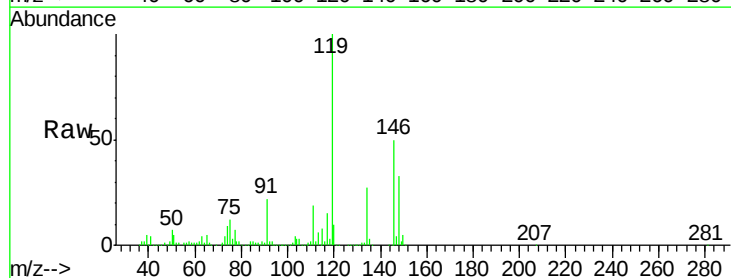
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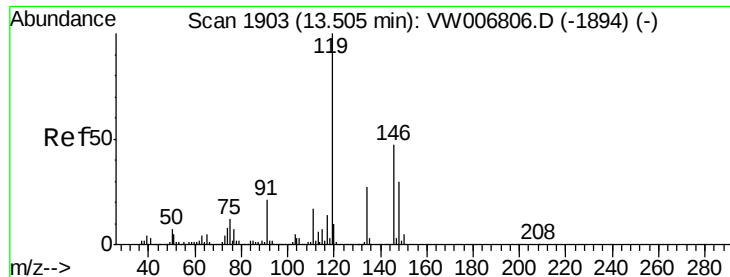
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#86
 p-Isopropyltoluene
 Concen: 19.738 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	22.0	10.8	32.4





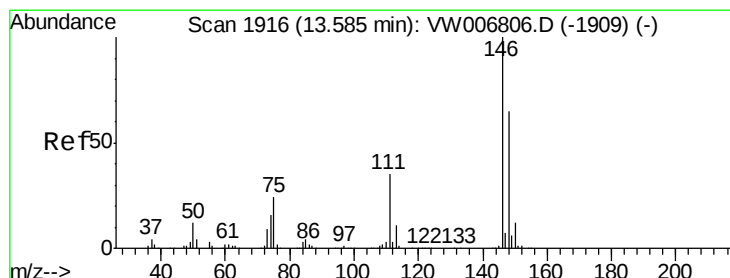
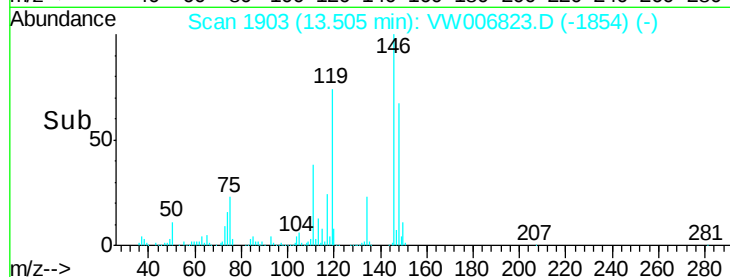
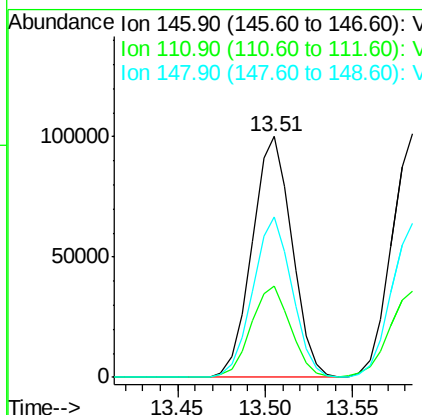
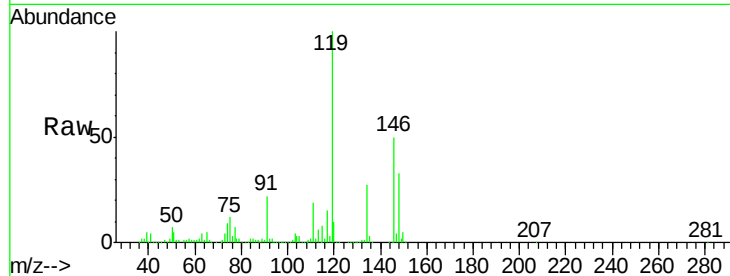
#87
 1,3-Dichlorobenzene
 Concen: 20.305 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158232		
111	37.7	18.3	54.9	
148	65.4	31.9	95.9	

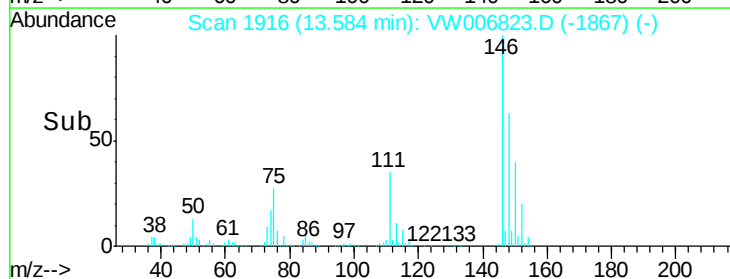
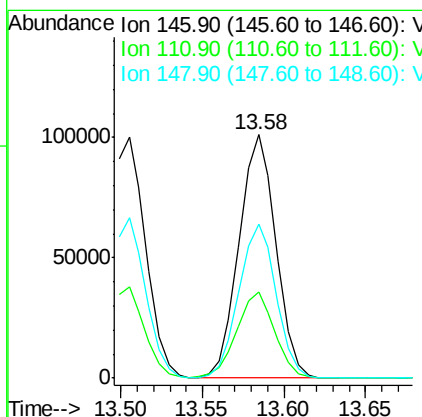
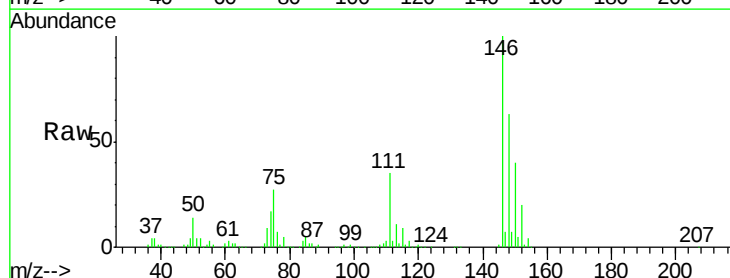
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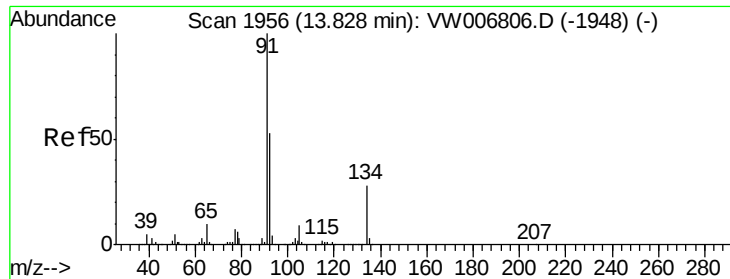
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#88
 1,4-Dichlorobenzene
 Concen: 20.647 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159183		
111	36.5	17.8	53.3	
148	64.0	32.0	96.0	





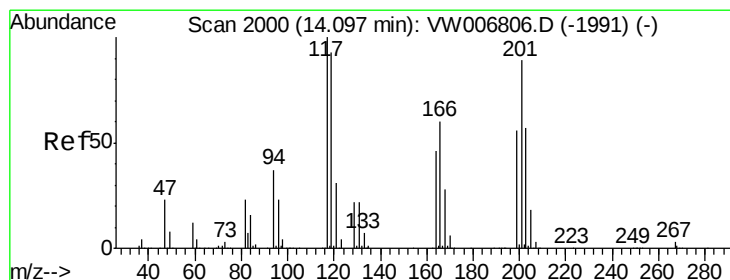
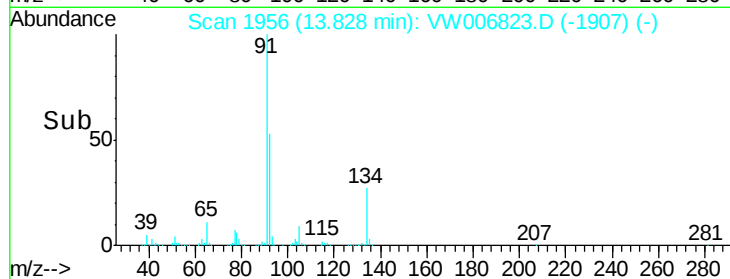
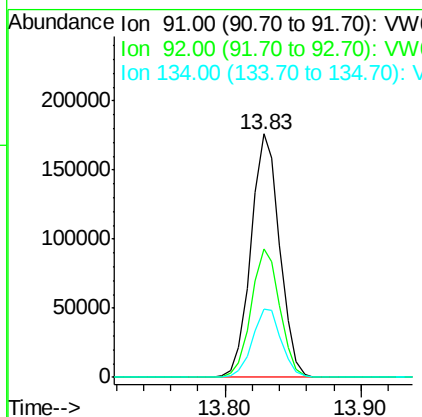
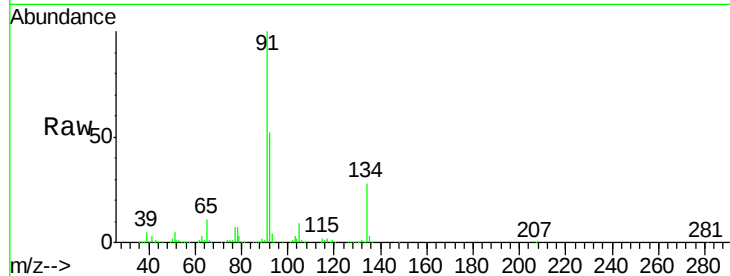
#89
n-Butylbenzene
Concen: 19.196 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.4
134	28.3	14.4	43.2

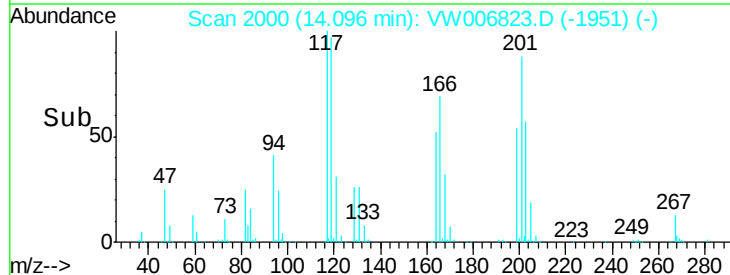
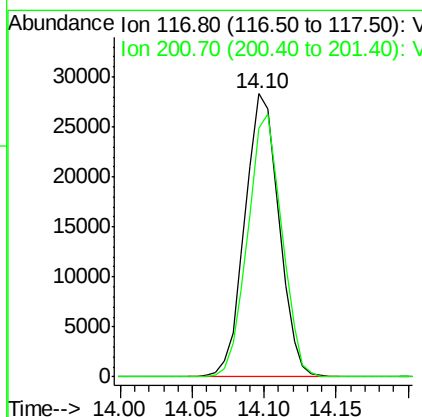
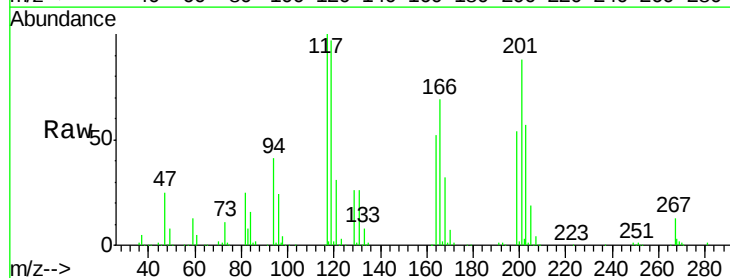
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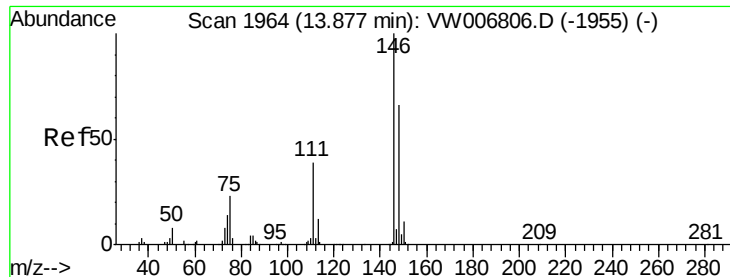
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#90
Hexachloroethane
Concen: 19.529 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006823.D
Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.7	46.9	140.6





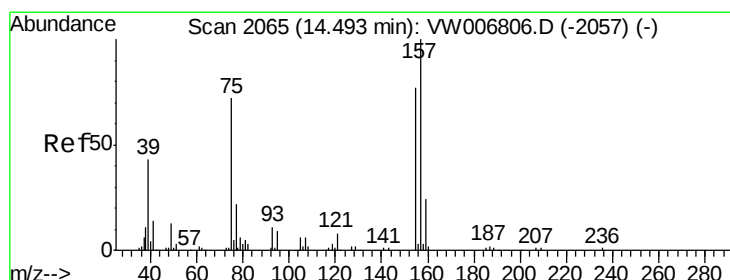
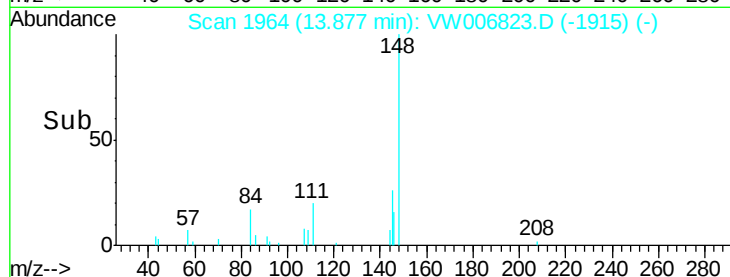
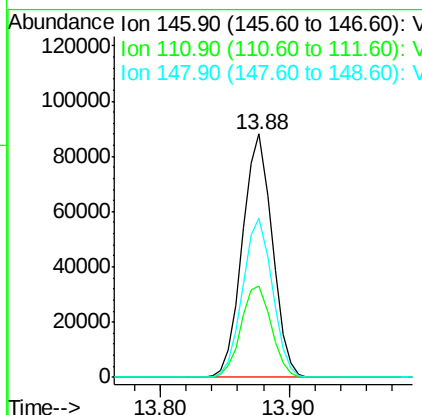
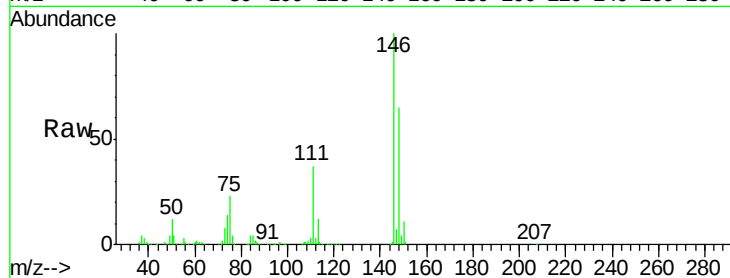
#91
 1,2-Dichlorobenzene
 Concen: 20.840 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.8
148	64.8	32.4	97.2

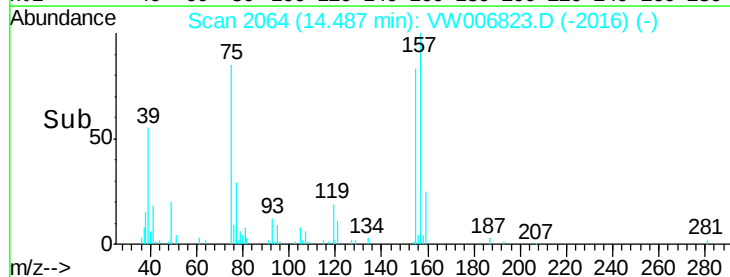
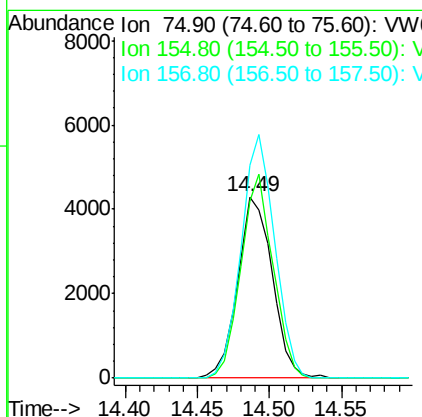
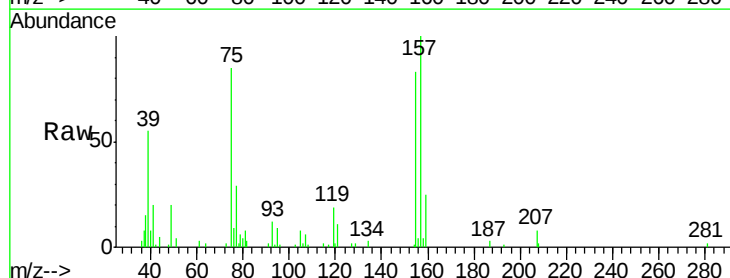
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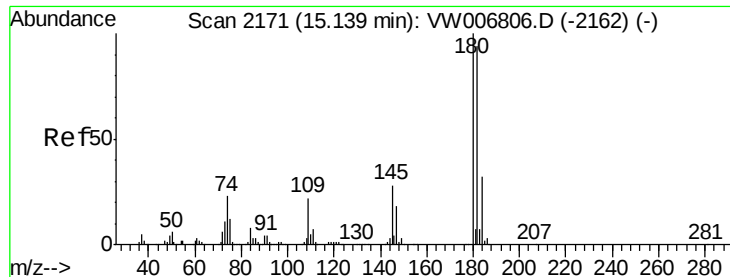
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.445 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	51.0	153.1
157	128.8	67.4	202.2





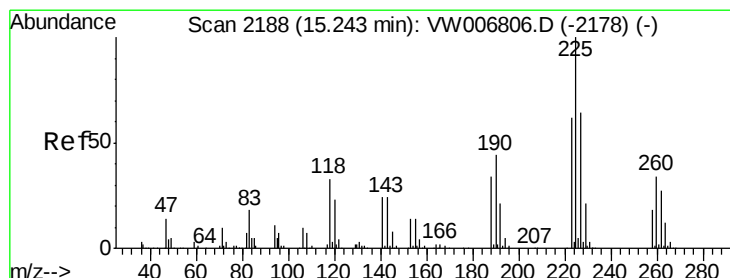
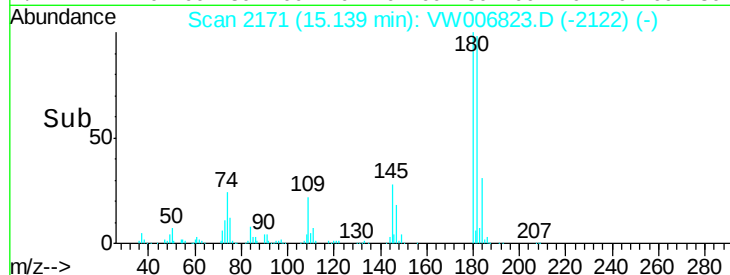
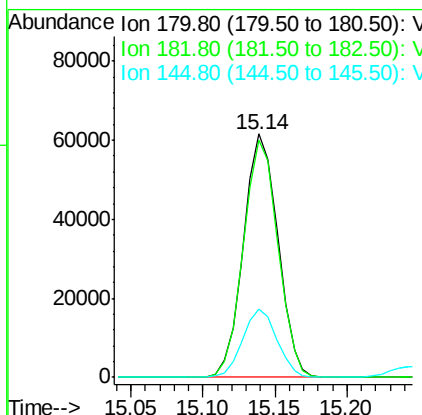
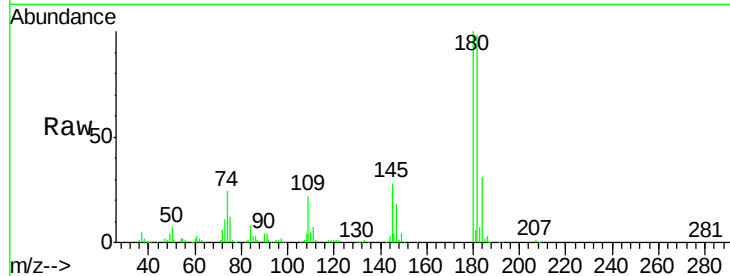
#93
 1,2,4-Trichlorobenzene
 Concen: 19.917 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	102046		
182	97.5	47.5	142.5	
145	27.7	14.0	41.9	

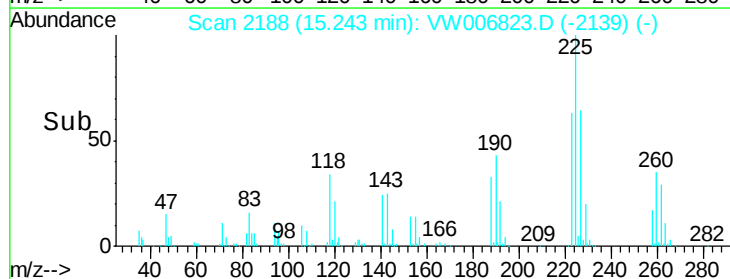
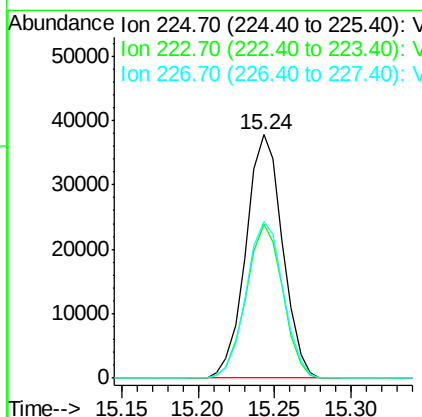
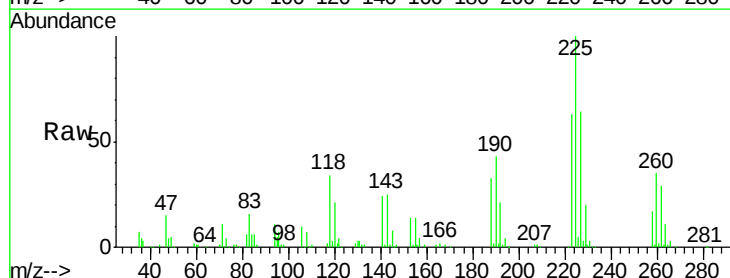
Manual Integrations
 APPROVED

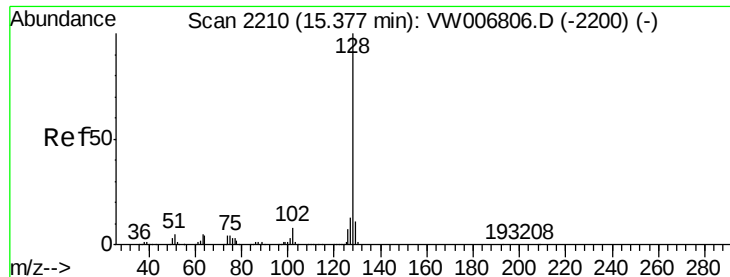
apatel
 11/13/2018 3:57:44 PM



#94
 Hexachlorobutadiene
 Concen: 19.391 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006823.D
 Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62954		
223	62.9	31.2	93.6	
227	64.9	32.3	96.9	





#95

Naphthalene

Concen: 20.575 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Instrument :

MSVOA_W

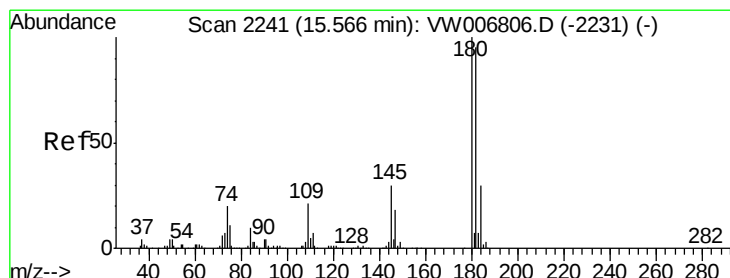
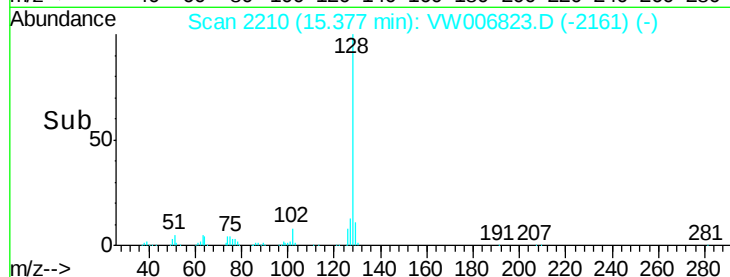
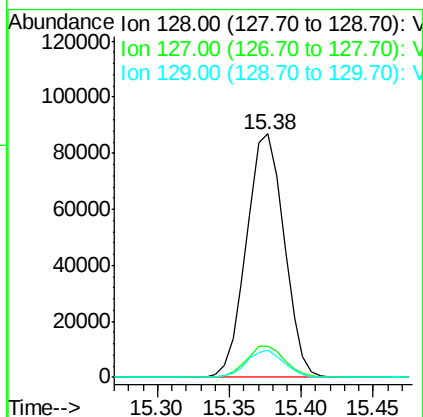
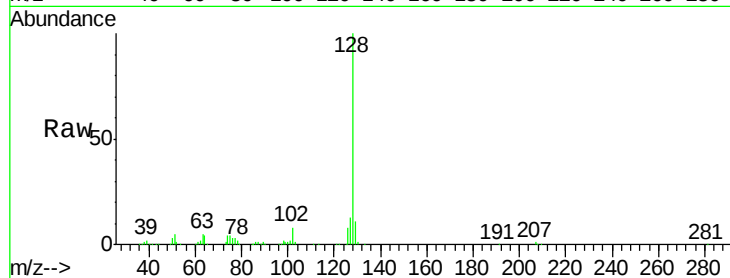
ClientSampleId :

VW1112SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	157661		
127	13.0	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

apatel
11/13/2018 3:57:44 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.550 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006823.D

Acq: 13 Nov 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	90358		
182	94.6	47.9	143.6	
145	29.9	15.2	45.5	

