

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006043.D
 Acq On : 12 Oct 2018 12:24
 Operator : VA/AP
 Sample : VW1013SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Manual Integrations
 APPROVED

apatel
 10/15/2018 10:03:20 AM

Quant Time: Oct 15 08:44:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	370424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188583	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109113	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
35) Dibromofluoromethane	7.88	113	115820	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.33	98	448990	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.62	95	162698	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25952m	20.32	ug/l	
3) Chloromethane	2.21	50	29413	19.58	ug/l	97
4) Vinyl Chloride	2.37	62	46228	19.38	ug/l	100
5) Bromomethane	2.78	94	38807	20.62	ug/l	95
6) Chloroethane	2.93	64	30739	20.23	ug/l	98
7) Trichlorofluoromethane	3.26	101	42866	22.64	ug/l	97
8) Diethyl Ether	3.68	74	21828	18.73	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46268	19.36	ug/l	99
10) Methyl Iodide	4.27	142	73604	18.84	ug/l	100
11) Tert butyl alcohol	5.18	59	14496	78.17	ug/l	97
12) 1,1-Dichloroethene	4.03	96	42902	18.70	ug/l	97
13) Acrolein	3.89	56	13671	82.73	ug/l	100
14) Allyl chloride	4.67	41	61574	15.74	ug/l	97
15) Acrylonitrile	5.37	53	40622	80.11	ug/l	99
16) Acetone	4.12	43	49678	98.30	ug/l	99
17) Carbon Disulfide	4.37	76	112258	16.18	ug/l	99
18) Methyl Acetate	4.67	43	17705	13.88	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63596	17.82	ug/l	98
20) Methylene Chloride	4.91	84	52901	20.89	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46081	18.43	ug/l	96
22) Diisopropyl ether	6.31	45	123717	16.91	ug/l	97
23) Vinyl Acetate	6.26	43	352187	78.23	ug/l	97
24) 1,1-Dichloroethane	6.21	63	79975	17.87	ug/l	100
25) 2-Butanone	7.18	43	59452	82.71	ug/l	96
26) 2,2-Dichloropropane	7.17	77	58942	18.71	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52592	18.60	ug/l	97
28) Bromochloromethane	7.51	49	28601	17.31	ug/l	89
29) Tetrahydrofuran	7.53	42	33412	73.53	ug/l	95
30) Chloroform	7.68	83	85202	18.53	ug/l	97
31) Cyclohexane	7.95	56	75996	17.16	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	76369	18.65	ug/l	100
36) 1,1-Dichloropropene	8.08	75	67807	19.10	ug/l	99
37) Ethyl Acetate	7.26	43	24051	16.00	ug/l	98
38) Carbon Tetrachloride	8.07	117	73022	19.15	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88190	18.84	ug/l	95
40) Benzene	8.32	78	185120	19.06	ug/l	99
41) Methacrylonitrile	7.49	41	14764	15.69	ug/l	97
42) 1,2-Dichloroethane	8.40	62	53048	18.07	ug/l	99
43) Isopropyl Acetate	8.43	43	48763	15.53	ug/l	97
44) Trichloroethene	9.10	130	56835	20.16	ug/l	99
45) 1,2-Dichloropropane	9.37	63	44642	18.36	ug/l	99
46) Dibromomethane	9.46	93	24591	18.40	ug/l	98
47) Bromodichloromethane	9.65	83	59209	17.61	ug/l	97
48) Methyl methacrylate	9.44	41	22797	15.24	ug/l	94
49) 1,4-Dioxane	9.45	88	7150	352.21	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	121499	79.47	ug/l	98
52) Toluene	10.39	92	125168	19.61	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	58817	16.74	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	67907	17.19	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34590	18.69	ug/l	98
56) Ethyl methacrylate	10.65	69	41121	16.48	ug/l	93
57) 1,3-Dichloropropane	10.94	76	56221	18.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	89157	87.83	ug/l	98
59) 2-Hexanone	10.98	43	91970	83.89	ug/l	98
60) Dibromochloromethane	11.13	129	42039	17.60	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33528	18.13	ug/l	99
64) Tetrachloroethene	10.87	164	50101	20.13	ug/l	98
65) Chlorobenzene	11.66	112	143124	20.00	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	50399	19.21	ug/l	98
67) Ethyl Benzene	11.74	91	252854	20.00	ug/l	100
68) m/p-Xylenes	11.85	106	197660	40.01	ug/l	99
69) o-Xylene	12.17	106	93387	19.75	ug/l	98
70) Styrene	12.19	104	152771	19.47	ug/l	98
71) Bromoform	12.35	173	25565	16.36	ug/l #	100
73) Isopropylbenzene	12.47	105	265175	19.25	ug/l	100
74) N-amyl acetate	12.28	43	48118	14.71	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39028	17.29	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27198m	16.15	ug/l	
77) Bromobenzene	12.76	156	63376	19.42	ug/l	94
78) n-propylbenzene	12.81	91	313262	19.34	ug/l	100
79) 2-Chlorotoluene	12.90	91	173988	19.02	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	225194	19.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10675	13.38	ug/l	93
82) 4-Chlorotoluene	12.99	91	182580	18.97	ug/l	98
83) tert-Butylbenzene	13.21	119	204555	19.78	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	228078	19.45	ug/l	100
85) sec-Butylbenzene	13.39	105	291382	20.07	ug/l	100
86) p-Isopropyltoluene	13.51	119	262893	20.14	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	130523	20.13	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	129510	20.10	ug/l	99
89) n-Butylbenzene	13.83	91	245314	19.94	ug/l	99
90) Hexachloroethane	14.10	117	42066	17.13	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	113695	19.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6283	14.94	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	85445	19.15	ug/l	99
94) Hexachlorobutadiene	15.24	225	54931	19.72	ug/l	99
95) Naphthalene	15.38	128	134772	17.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	72054	18.65	ug/l	99

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

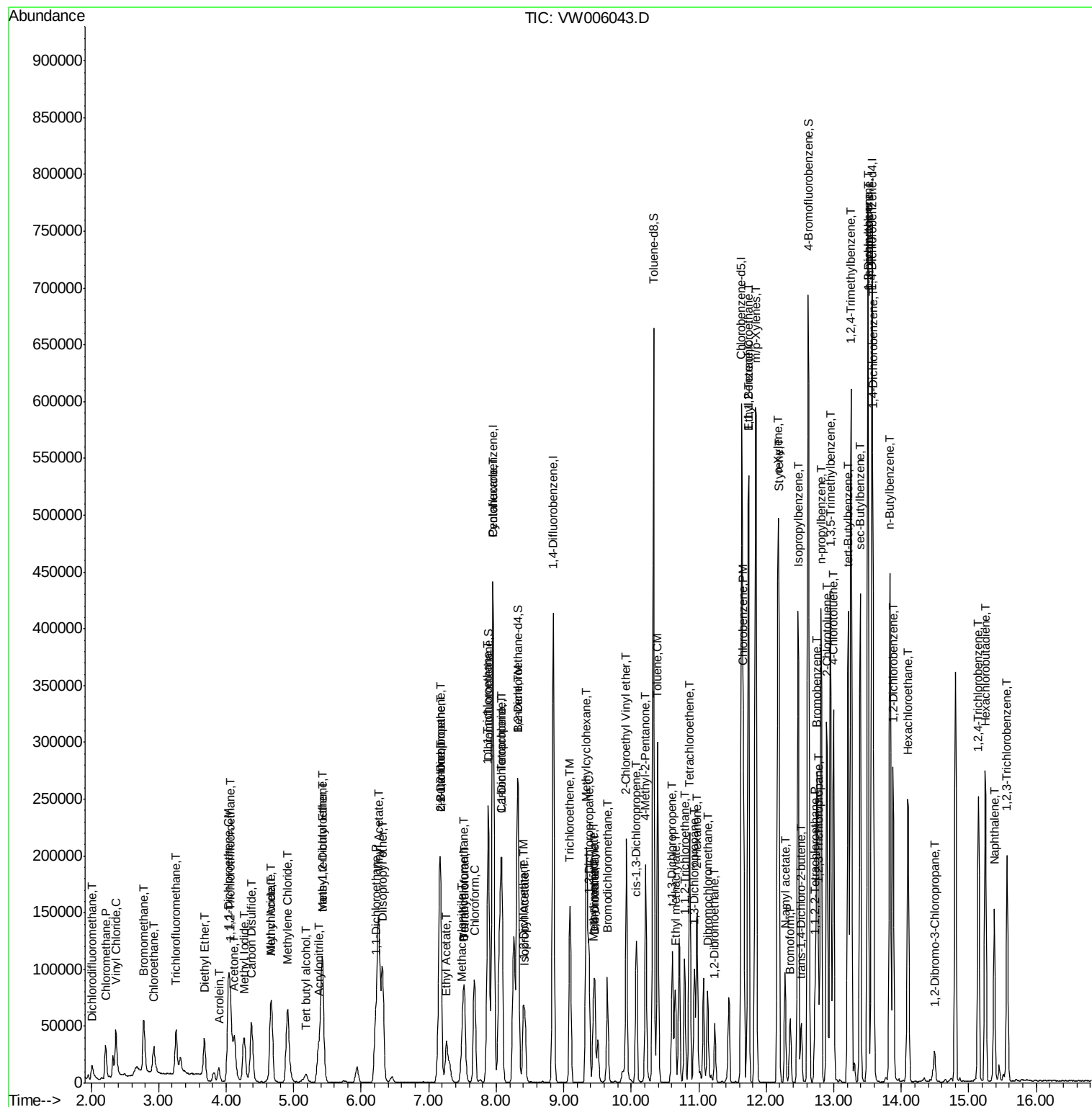
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
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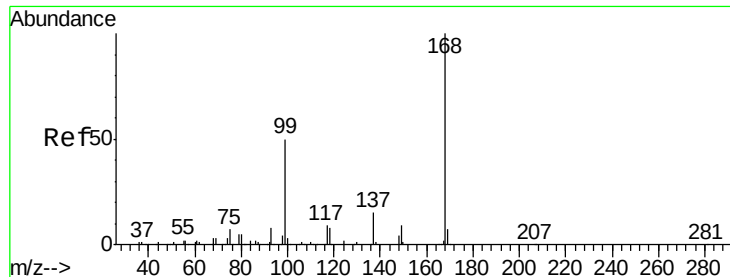
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 168 Resp: 260637

Ion Ratio Lower Upper

168 100

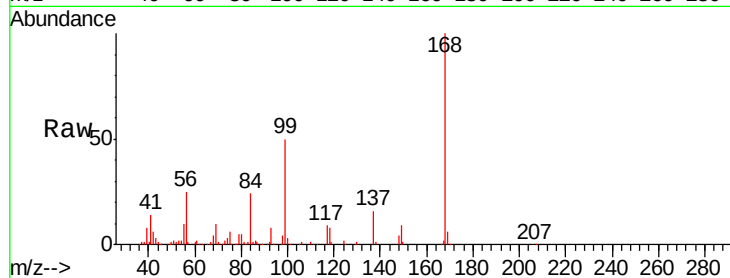
99 49.9 40.9 61.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

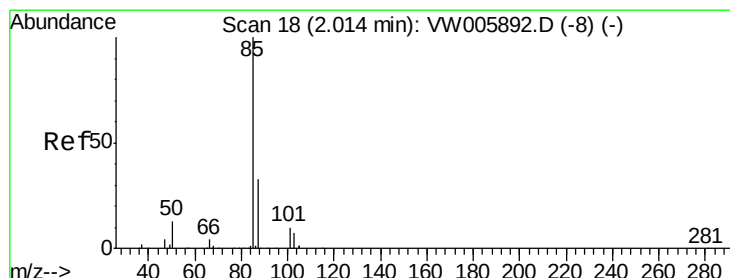
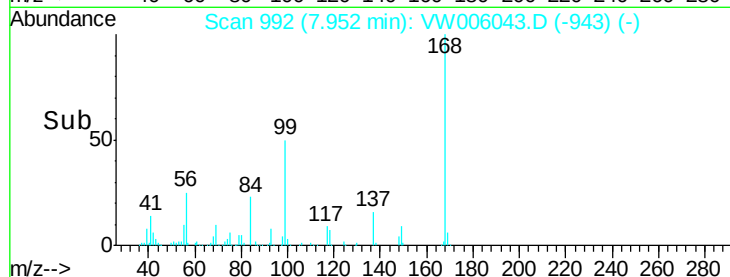
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.32 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006043.D

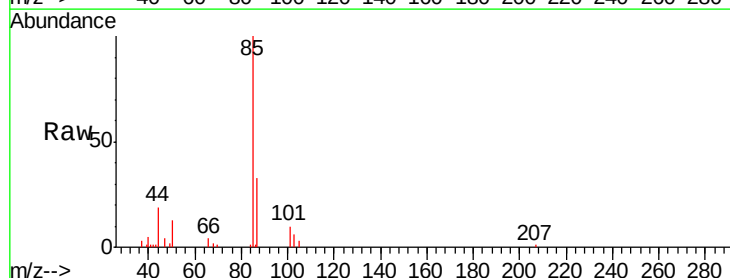
Acq: 12 Oct 2018 12:24

Tgt Ion: 85 Resp: 25952

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

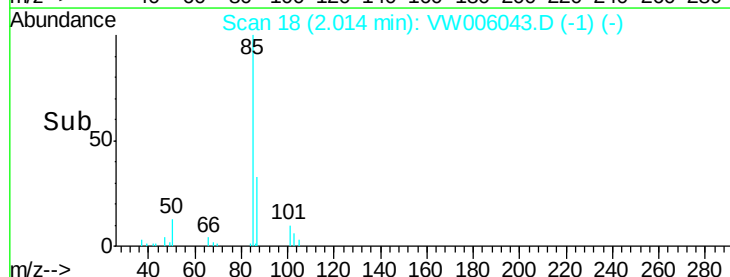
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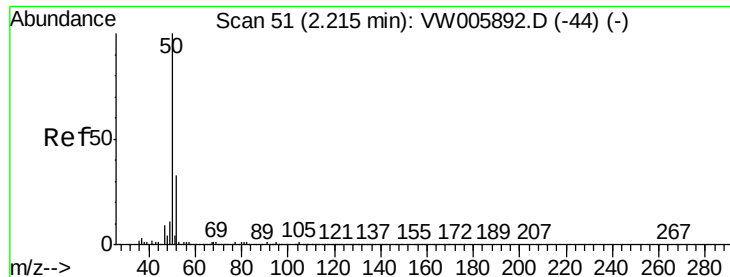
4000

2000

0

Time-->





#3

Chloromethane

Concen: 19.58 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 50 Resp: 29413

Ion Ratio Lower Upper

50 100

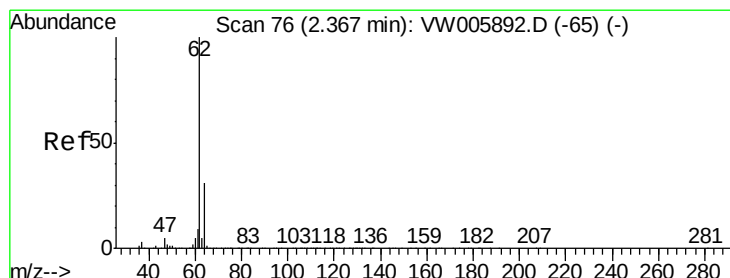
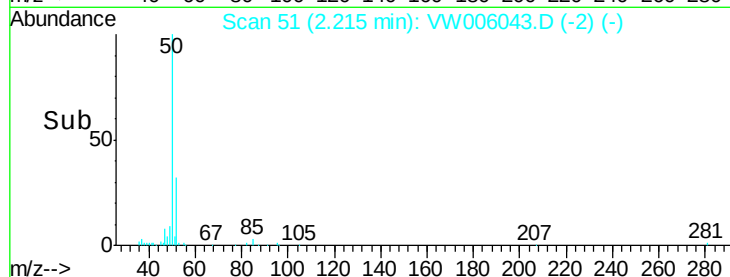
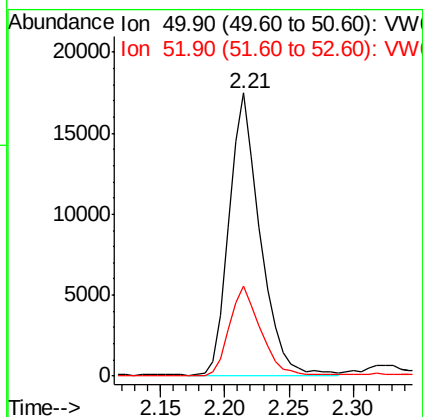
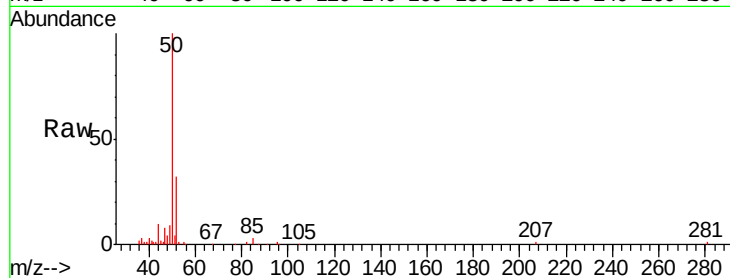
52 31.8 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.38 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW006043.D

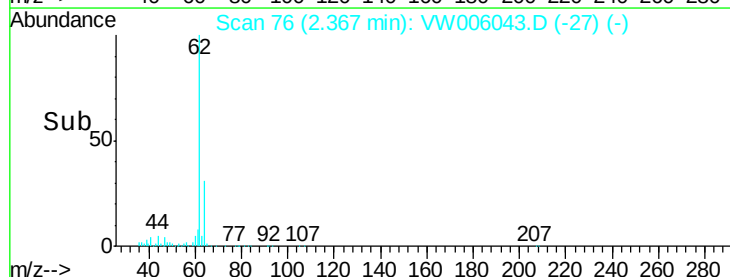
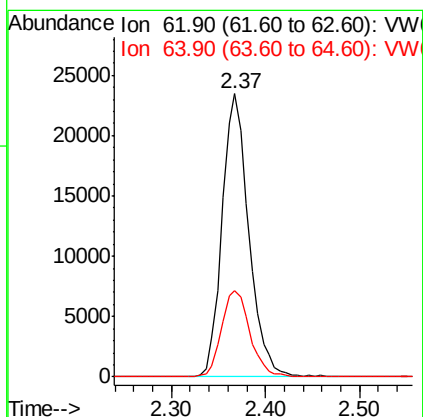
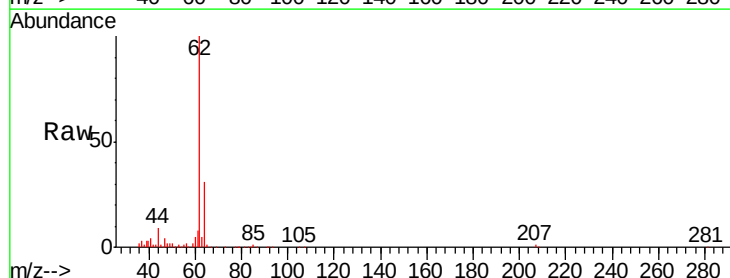
Acq: 12 Oct 2018 12:24

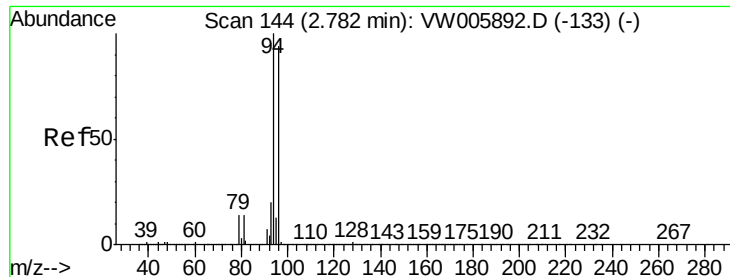
Tgt Ion: 62 Resp: 46228

Ion Ratio Lower Upper

62 100

64 30.6 24.6 36.8





#5

Bromomethane

Concen: 20.62 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 94 Resp: 38807

Ion Ratio Lower Upper

94 100

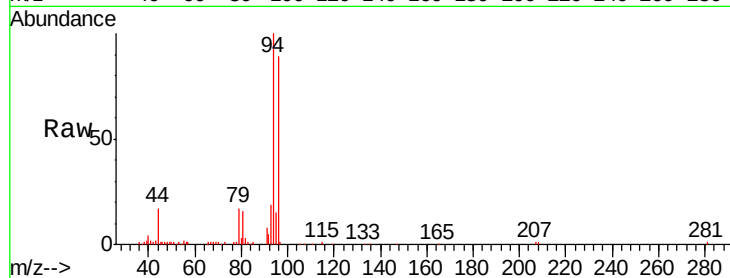
96 88.8 75.0 112.4

Manual Integrations

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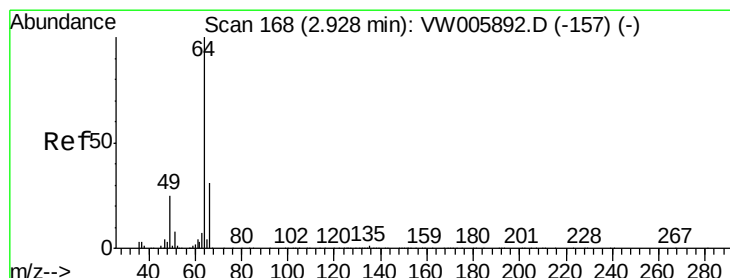
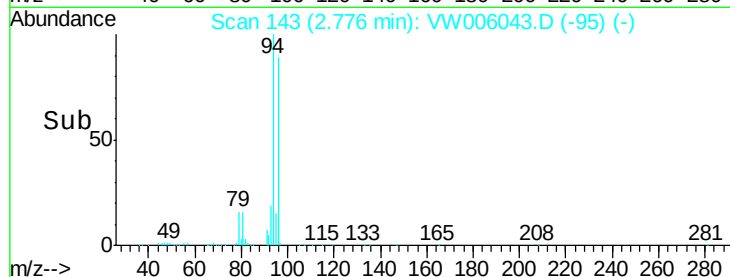
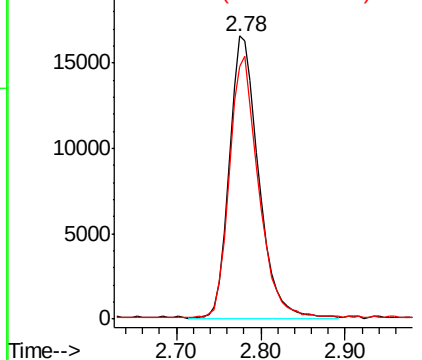
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.23 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006043.D

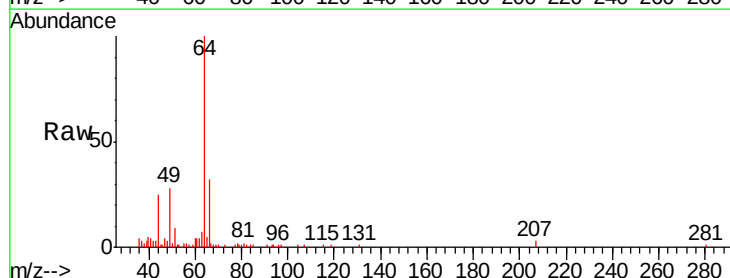
Acq: 12 Oct 2018 12:24

Tgt Ion: 64 Resp: 30739

Ion Ratio Lower Upper

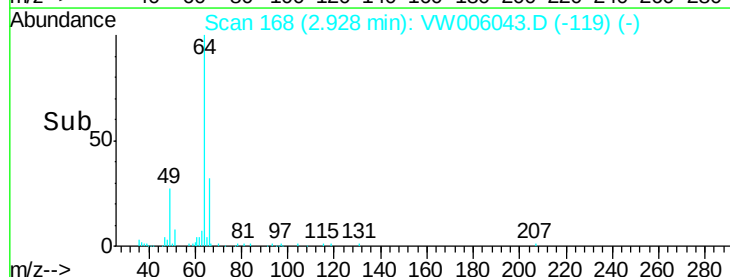
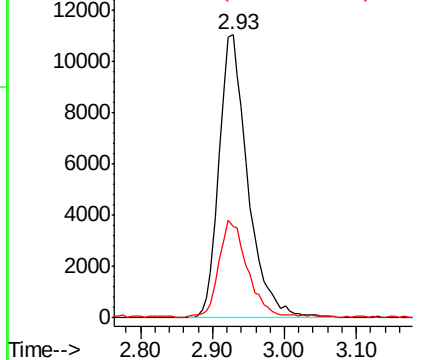
64 100

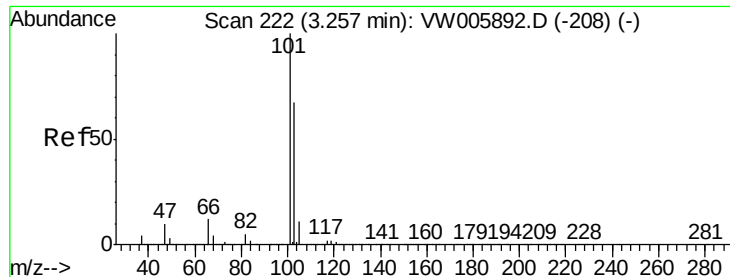
66 32.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

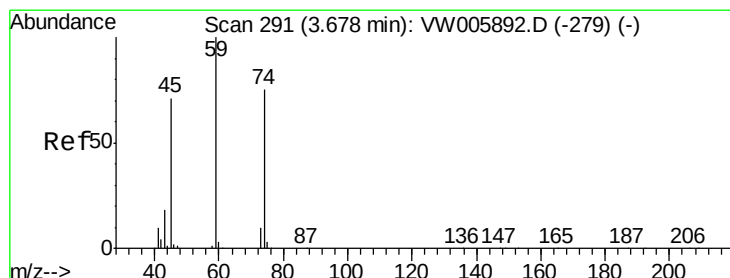
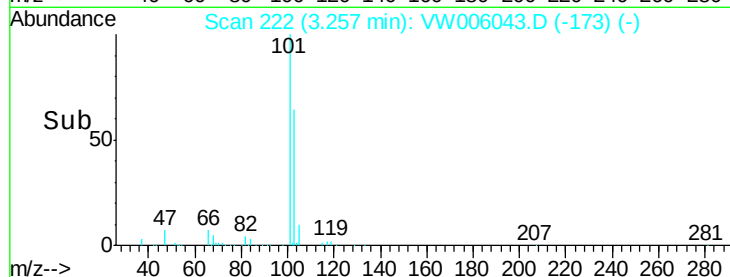
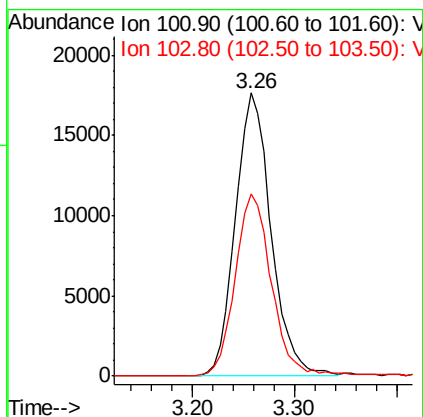
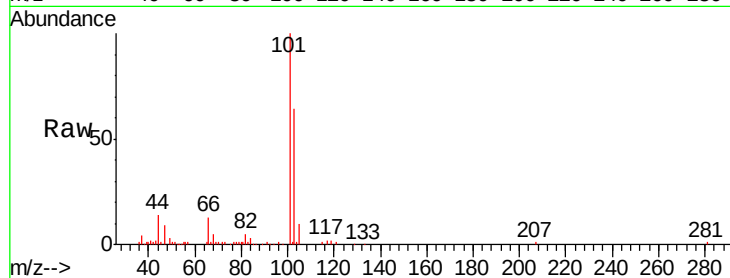
Trichlorofluoromethane
 Concen: 22.64 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.5	80.3

Manual Integrations
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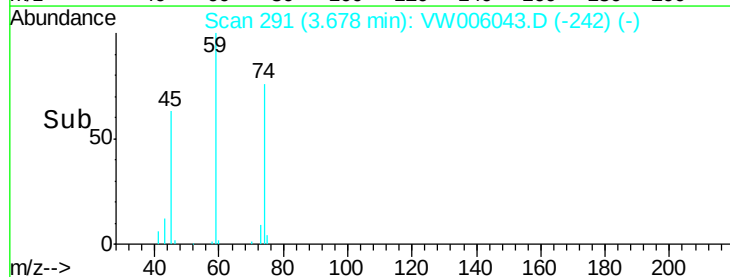
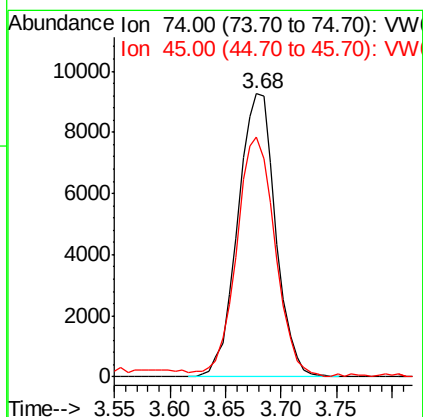
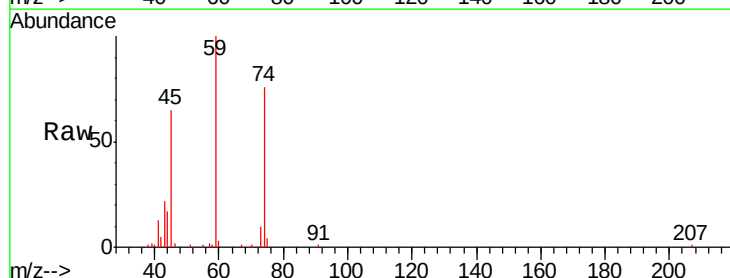
apatel
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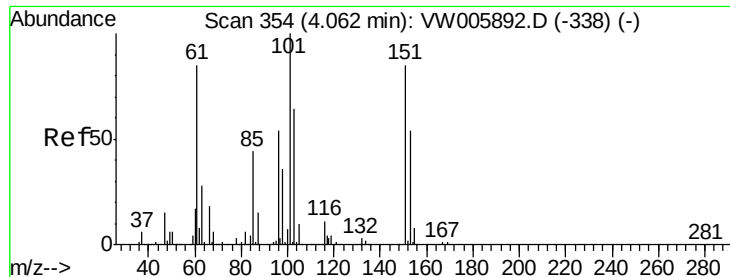


#8

Diethyl Ether
 Concen: 18.73 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.2	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.36 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006043.D

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MSVOA_W

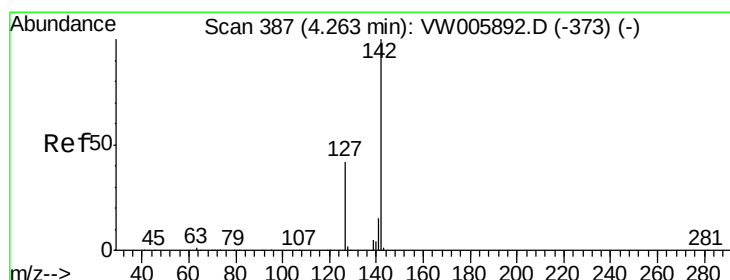
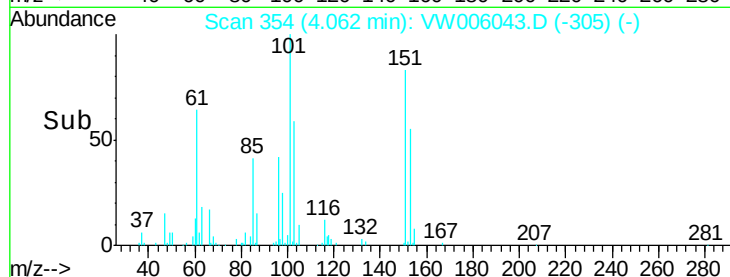
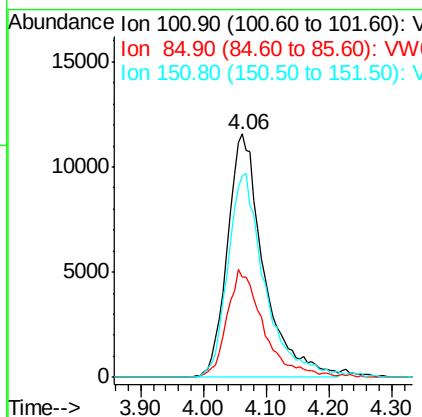
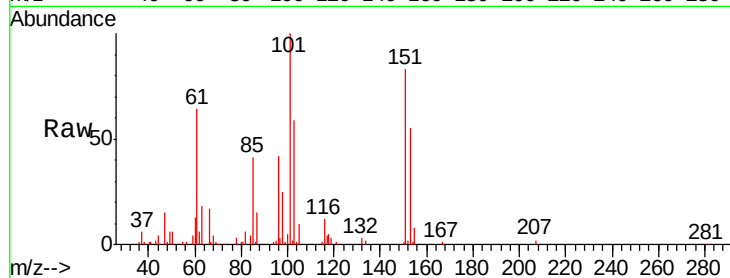
ClientSampleId :

VW1013SBS01

Tgt Ion:	101	Resp:	46268
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.1	52.7
151	86.1	67.7	101.5

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#10

Methyl Iodide

Concen: 18.84 ug/l

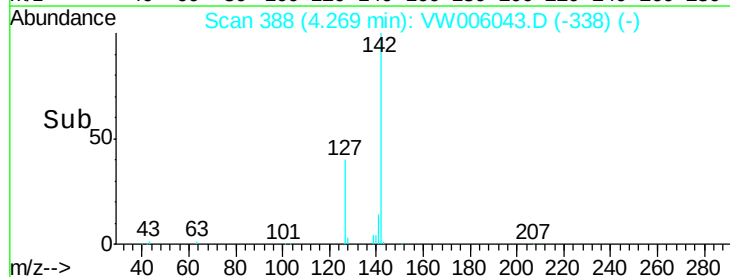
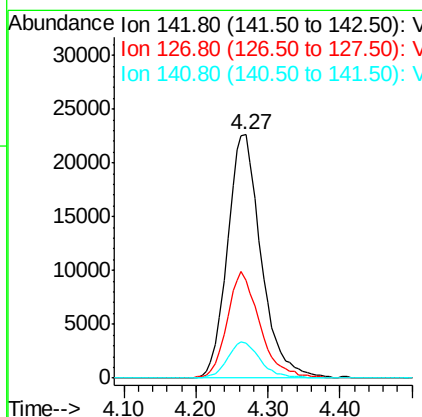
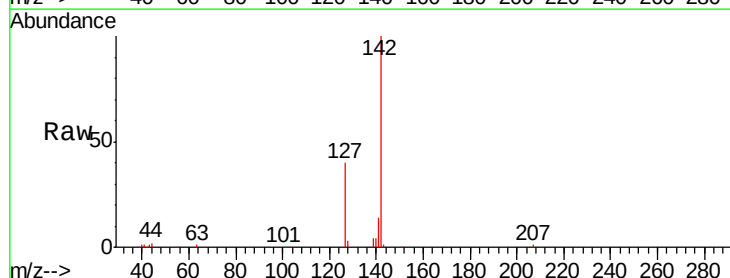
RT: 4.27 min Scan# 388

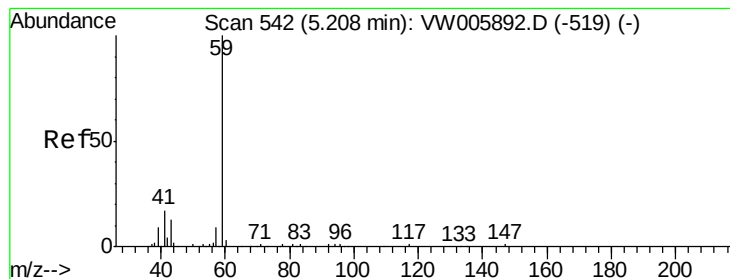
Delta R.T. 0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Tgt Ion:	142	Resp:	73604
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.7	50.5
141	14.4	11.5	17.3





#11

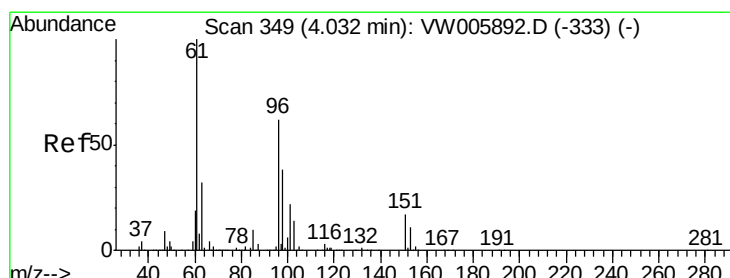
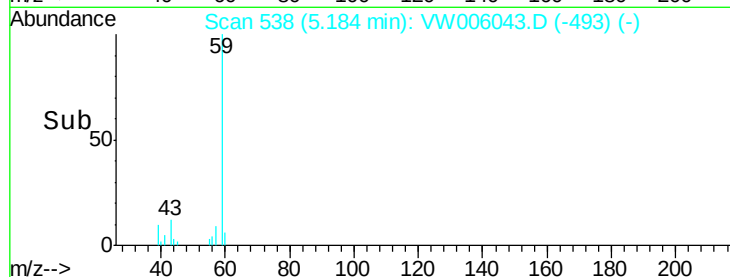
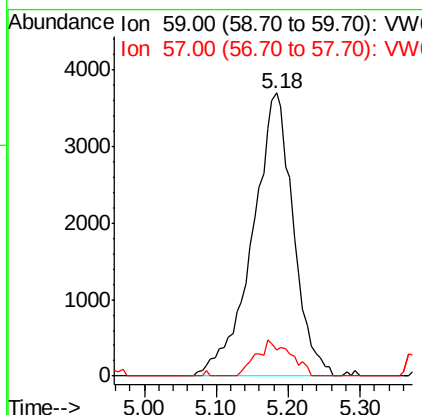
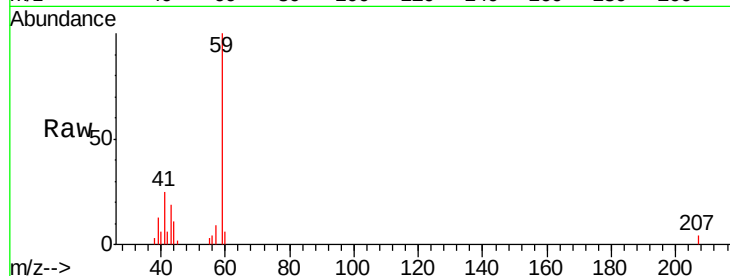
Tert butyl alcohol
 Concen: 78.17 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.7	7.7	11.5

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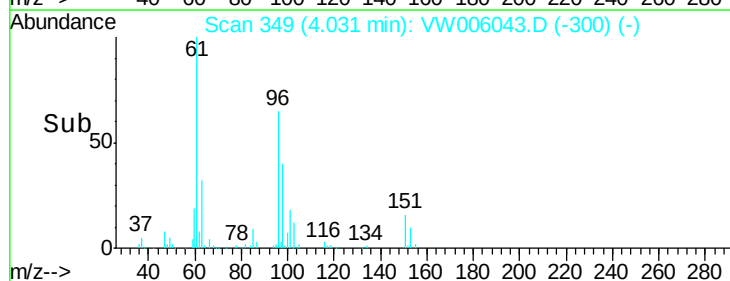
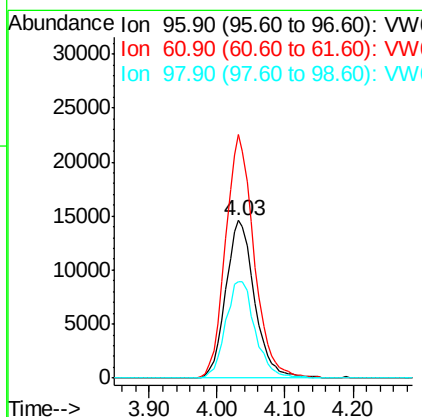
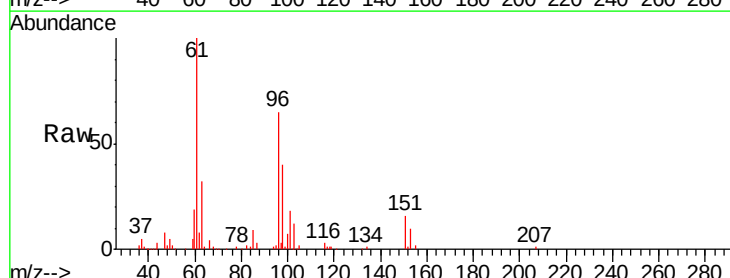
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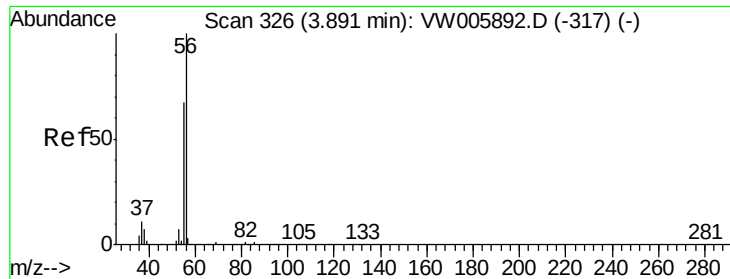


#12

1,1-Dichloroethene
 Concen: 18.70 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	154.7	128.6	193.0
98	98	61.5	49.4	74.0





#13

Acrolein

Concen: 82.73 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 56 Resp: 13671

Ion Ratio Lower Upper

56 100

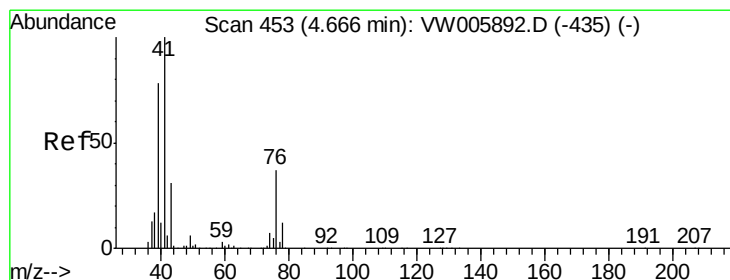
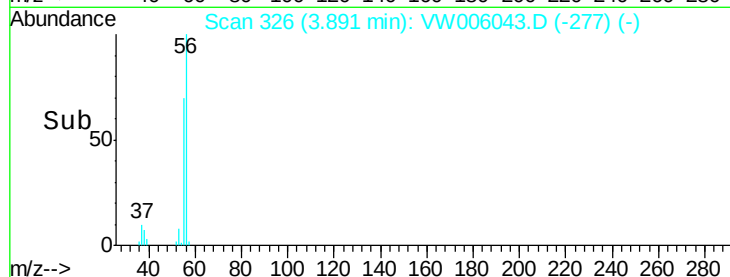
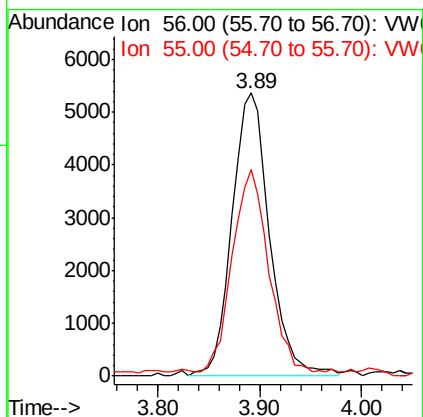
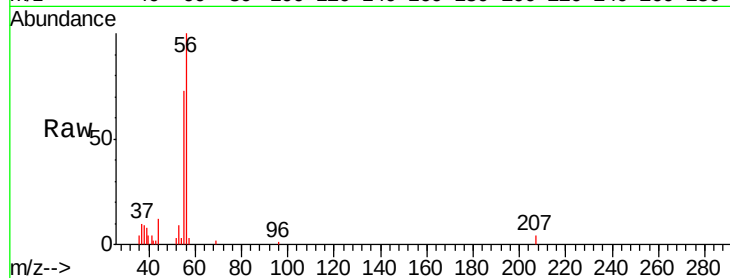
55 68.6 54.6 82.0

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#14

Allyl chloride

Concen: 15.74 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

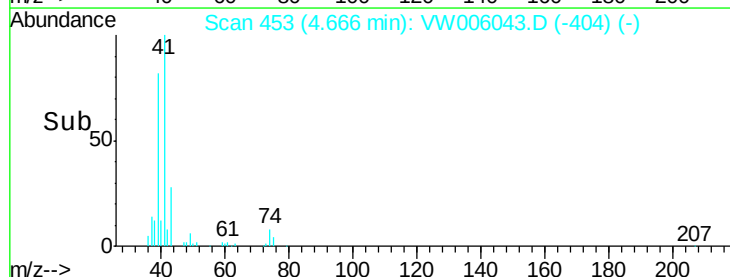
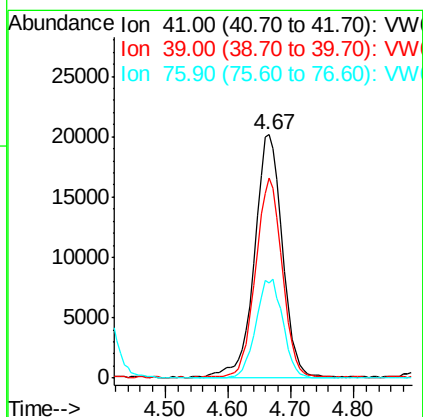
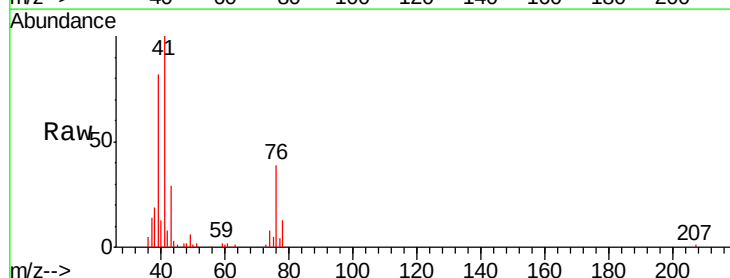
Tgt Ion: 41 Resp: 61574

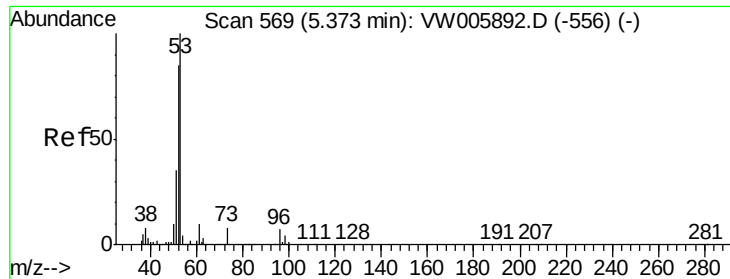
Ion Ratio Lower Upper

41 100

39 78.4 60.8 91.2

76 39.5 29.6 44.4





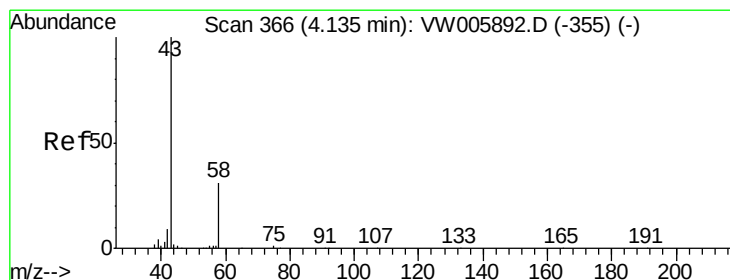
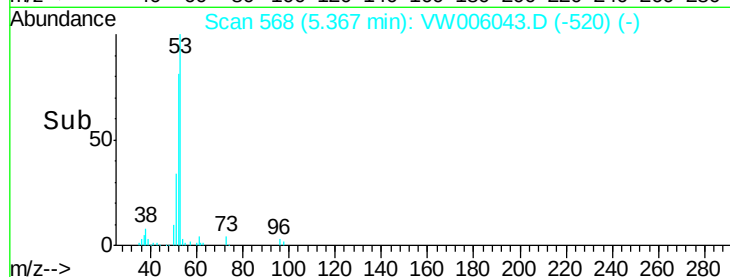
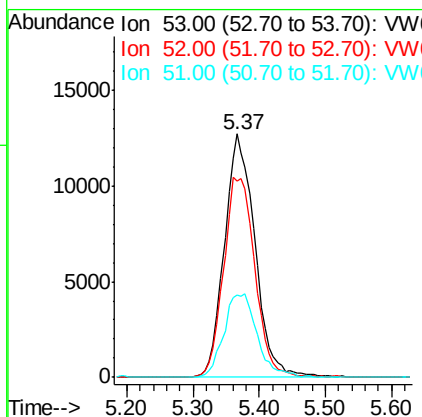
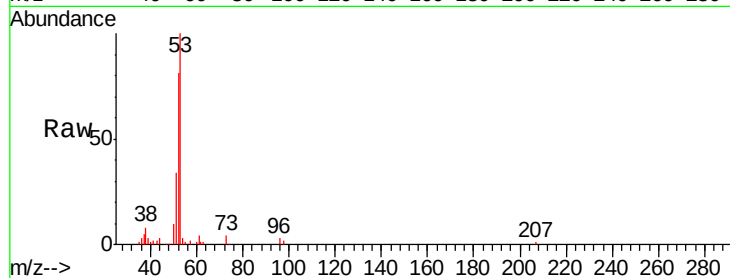
#15
 Acrylonitrile
 Concen: 80.11 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.8	100.2
51	37.5	29.8	44.6

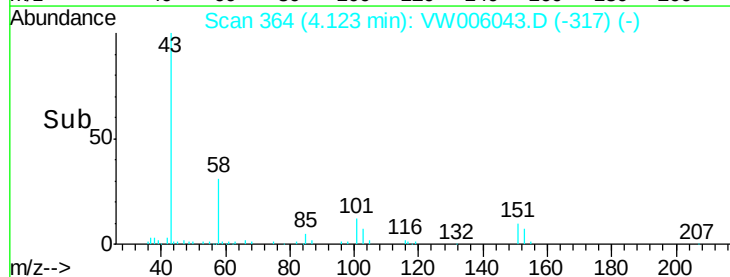
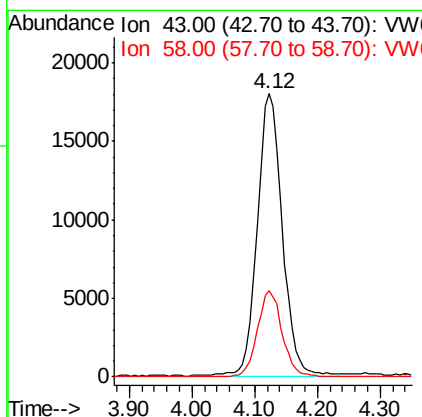
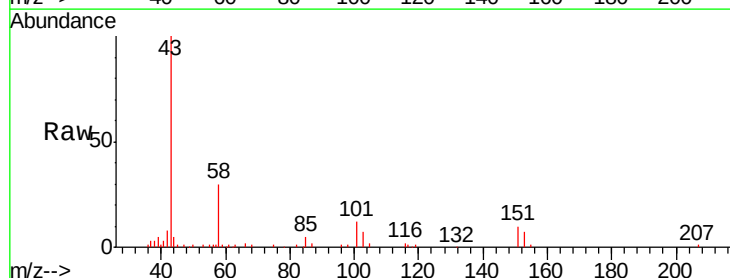
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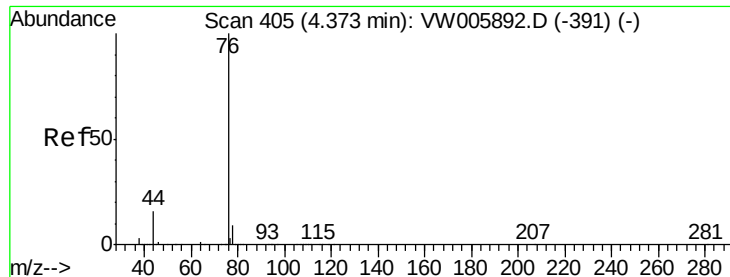
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#16
 Acetone
 Concen: 98.30 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.7	37.1





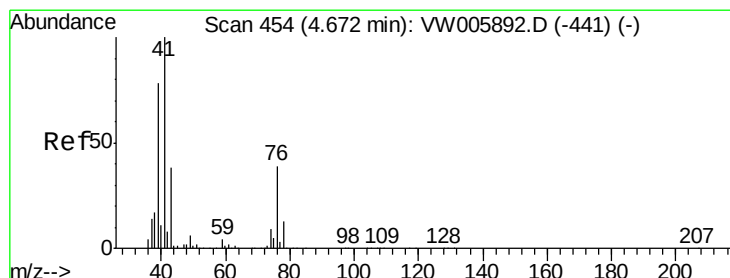
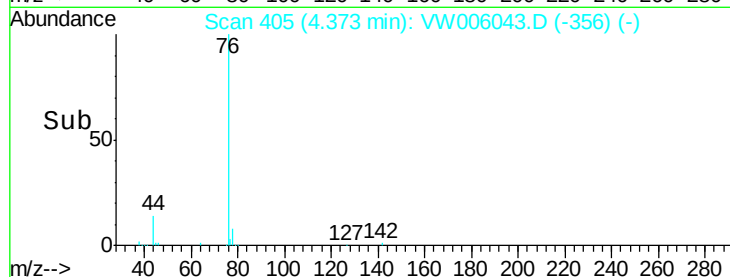
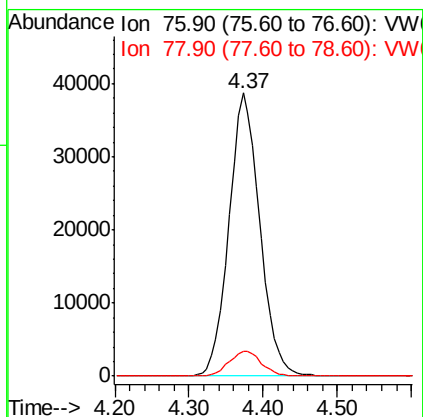
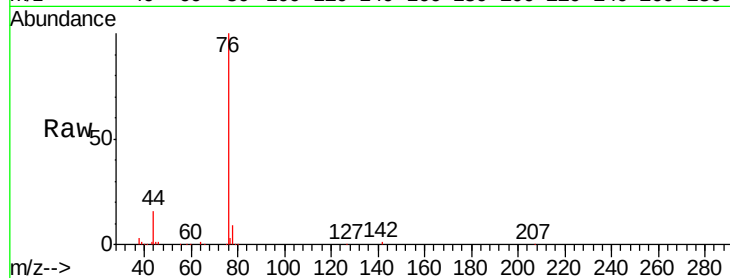
#17
Carbon Disulfide
Concen: 16.18 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

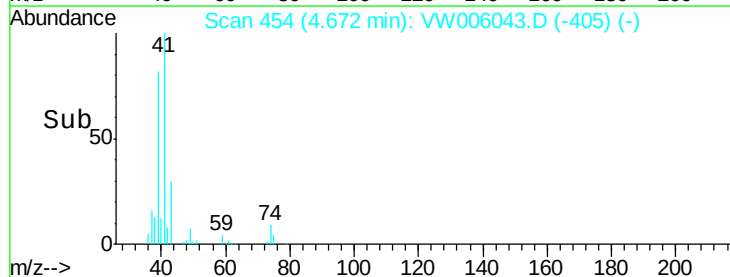
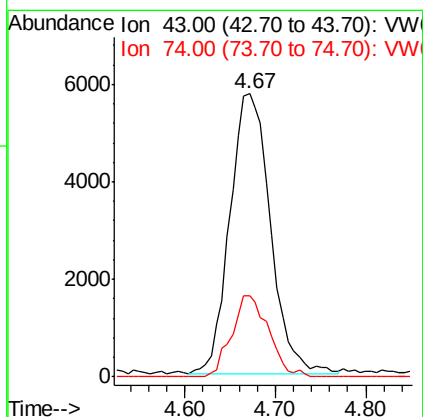
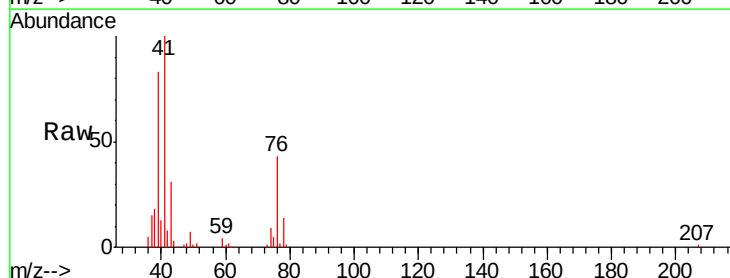
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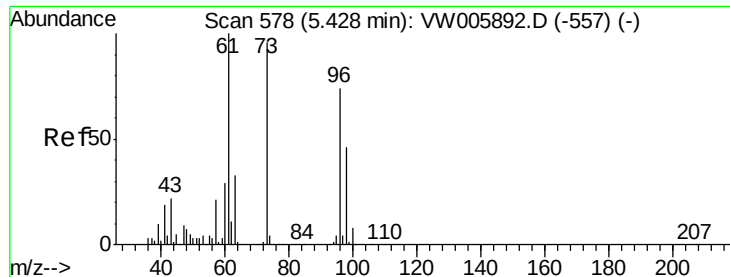
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#18
Methyl Acetate
Concen: 13.88 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	19.2	28.8





#19

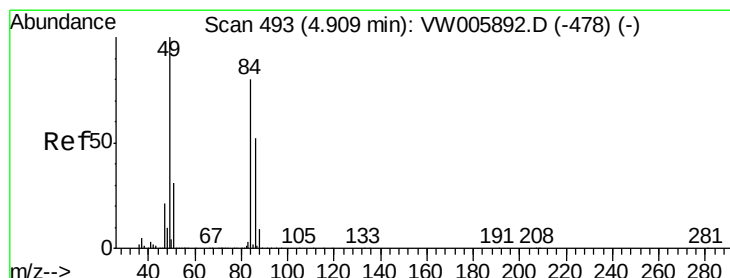
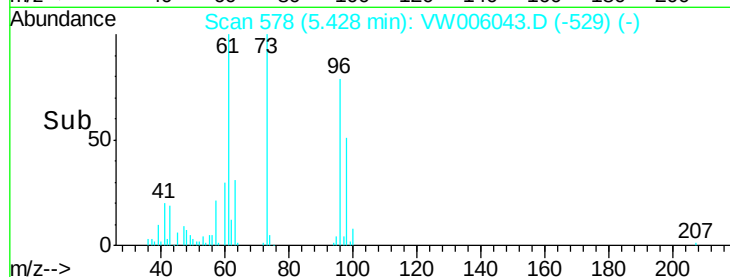
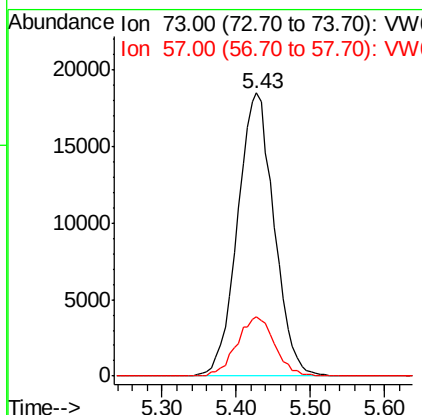
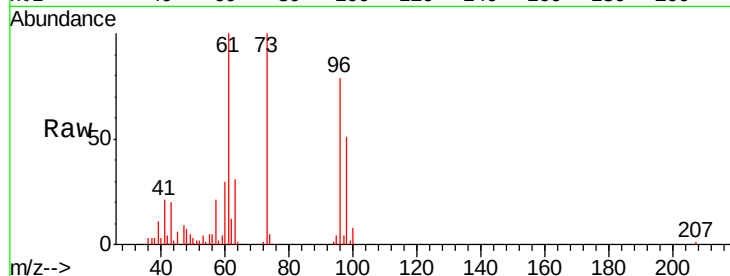
Methyl tert-butyl Ether
 Concen: 17.82 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.7	26.5

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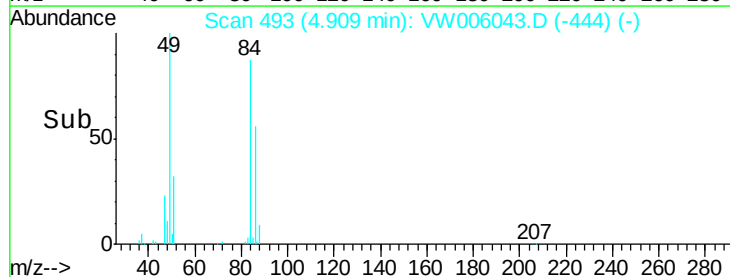
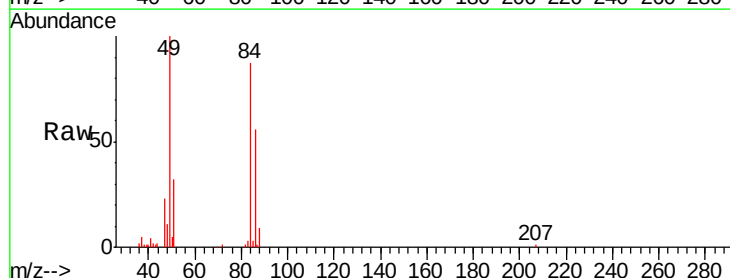
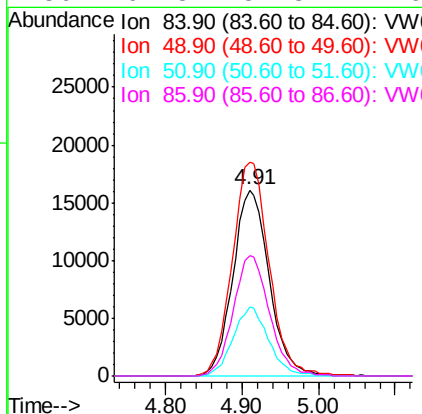
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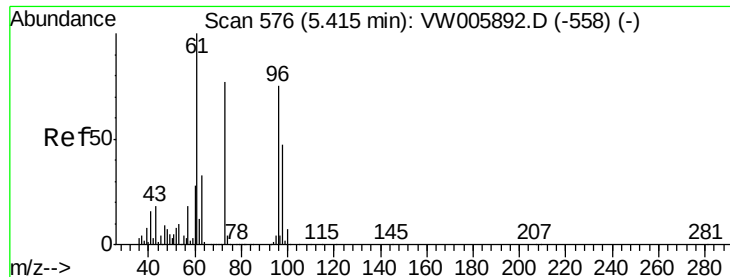


#20

Methylene Chloride
 Concen: 20.89 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.8	99.9	149.9
51	37.3	31.1	46.7
86	64.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.43 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

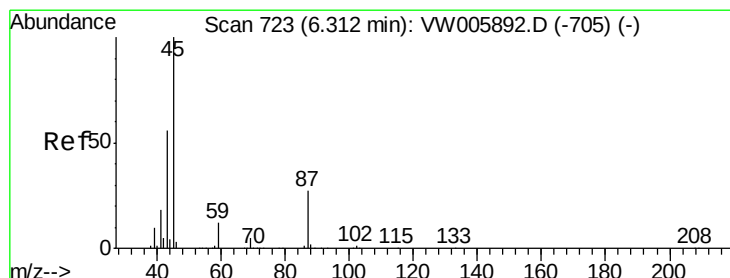
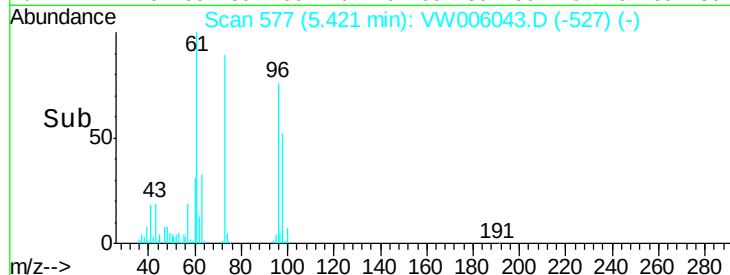
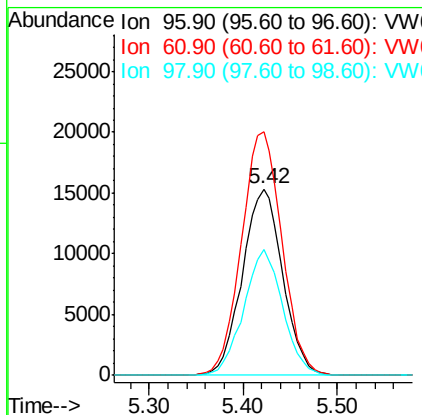
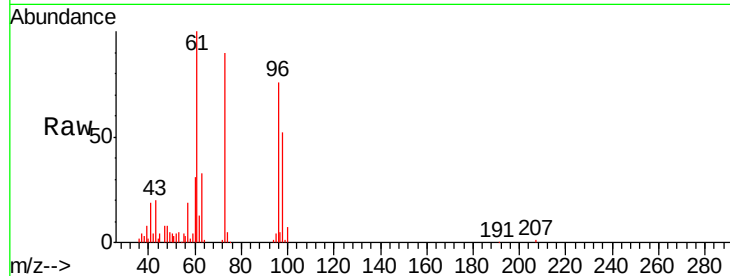
ClientSampleId :

VW1013SBS01

Tgt Ion:	96	Resp:	46081
Ion	Ratio	Lower	Upper
96	100		
61	130.8	107.4	161.0
98	67.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 16.91 ug/l

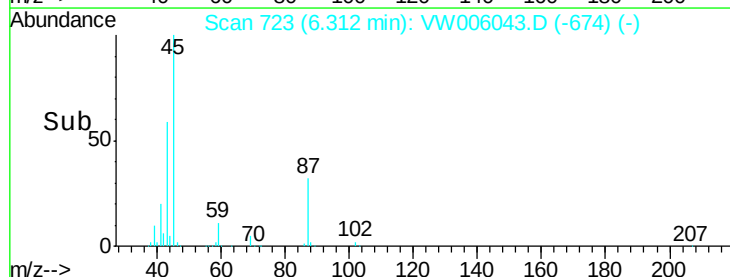
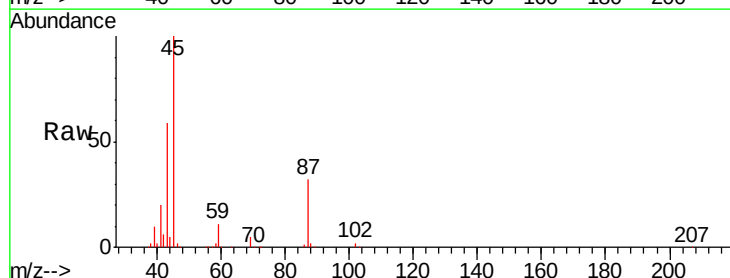
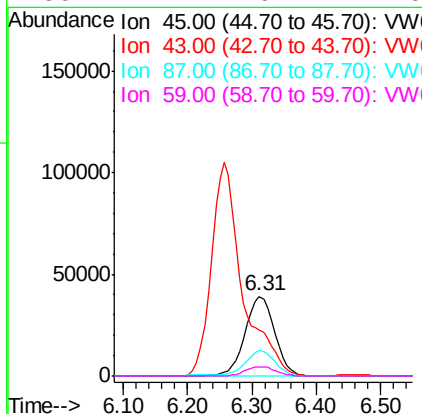
RT: 6.31 min Scan# 723

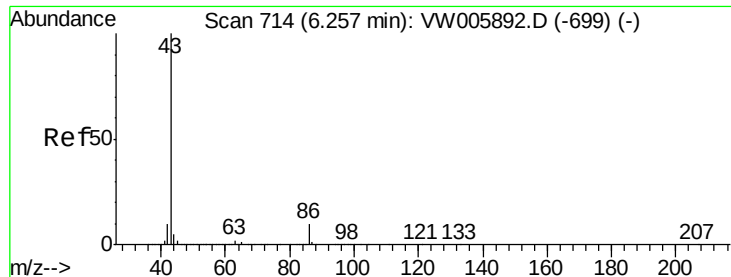
Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Tgt Ion:	45	Resp:	123717
Ion	Ratio	Lower	Upper
45	100		
43	57.2	45.9	68.9
87	32.2	22.2	33.4
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 78.23 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 43 Resp: 352187

Ion Ratio Lower Upper

43 100

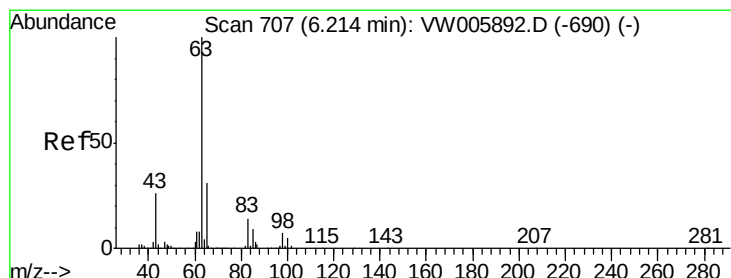
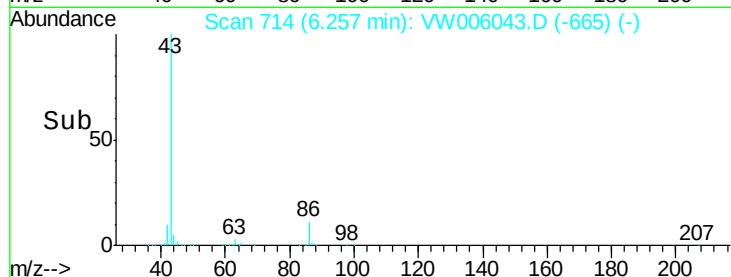
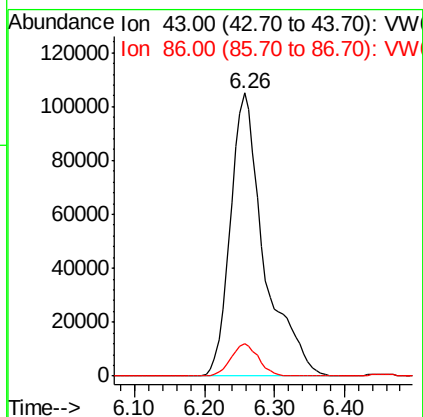
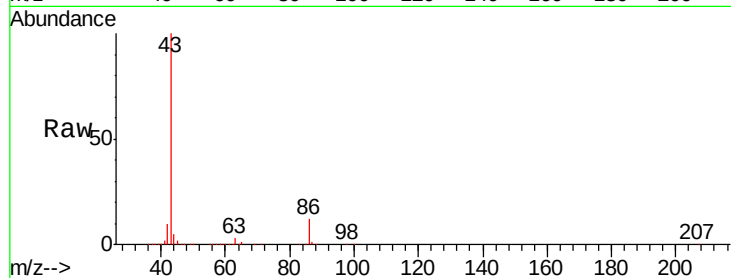
86 11.6 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 17.87 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

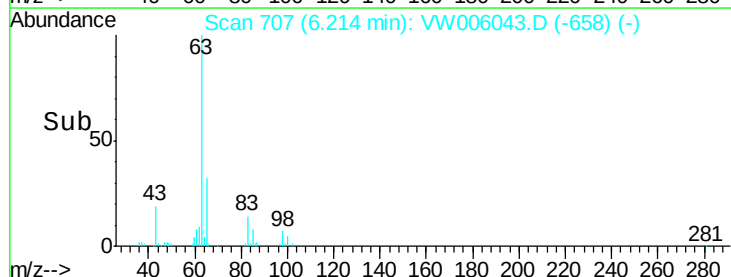
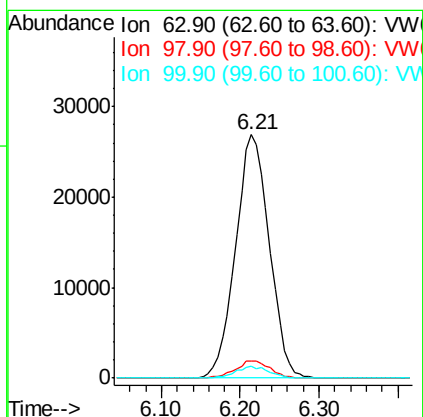
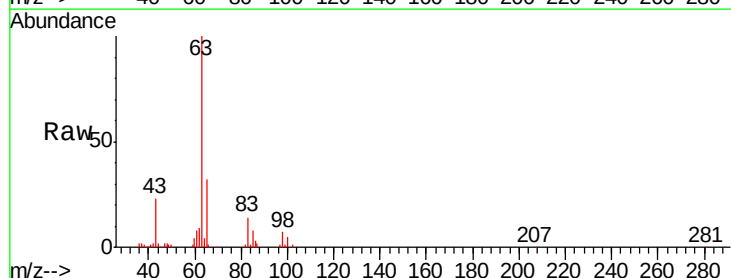
Tgt Ion: 63 Resp: 79975

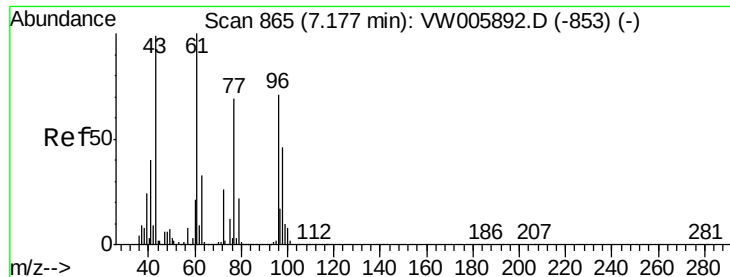
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 82.71 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 43 Resp: 59452

Ion Ratio Lower Upper

43 100

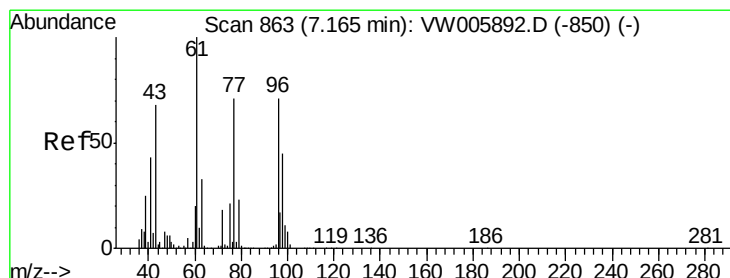
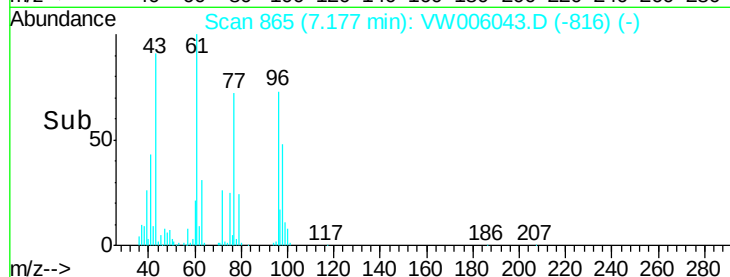
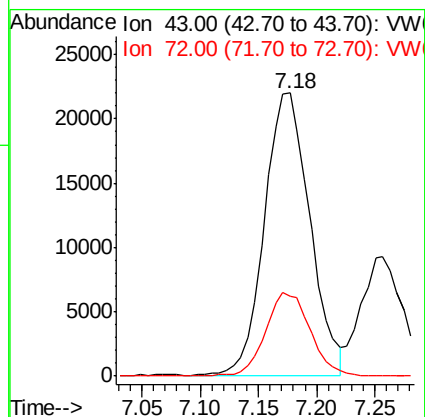
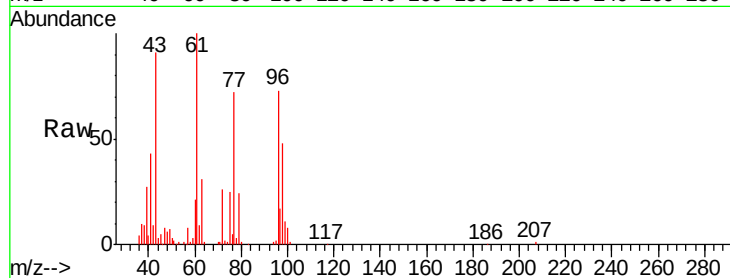
72 28.2 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 18.71 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW006043.D

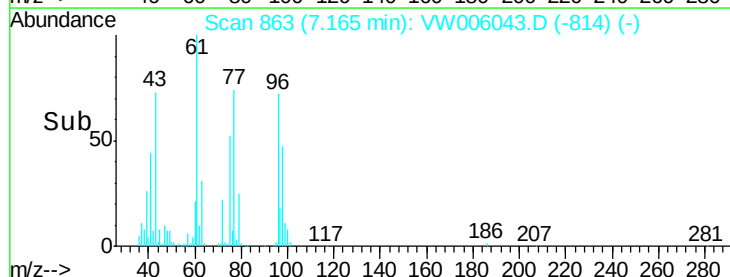
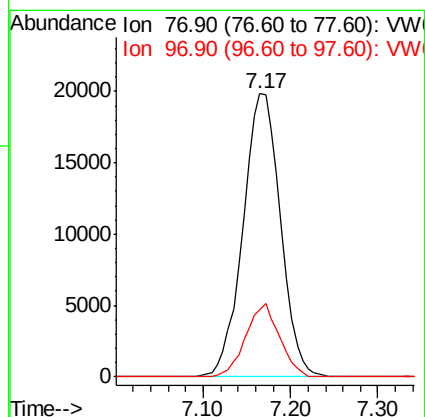
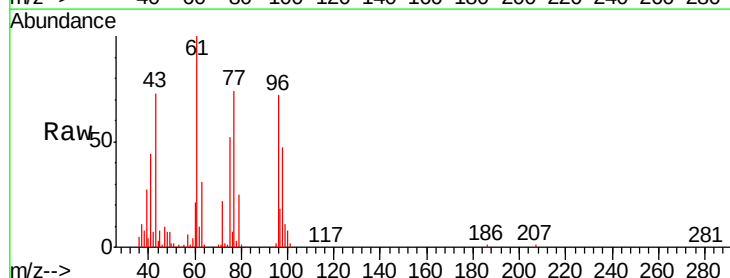
Acq: 12 Oct 2018 12:24

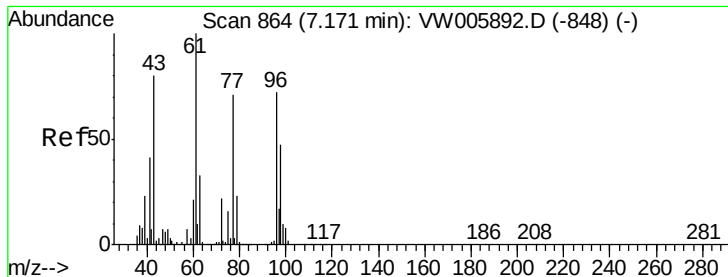
Tgt Ion: 77 Resp: 58942

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 18.60 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

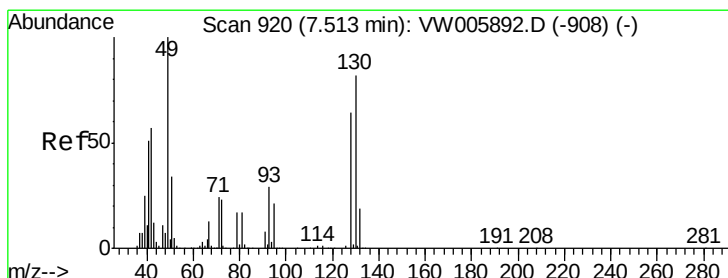
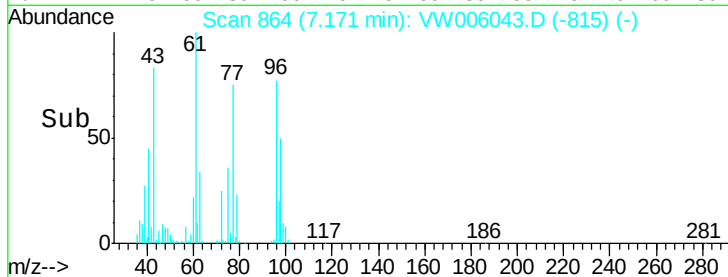
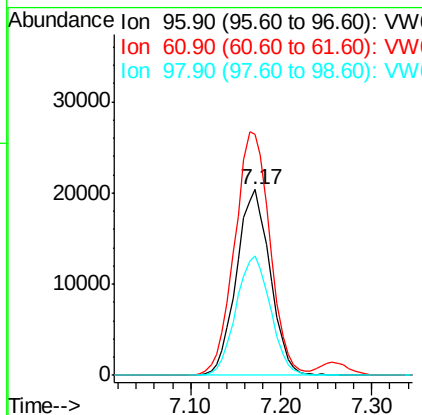
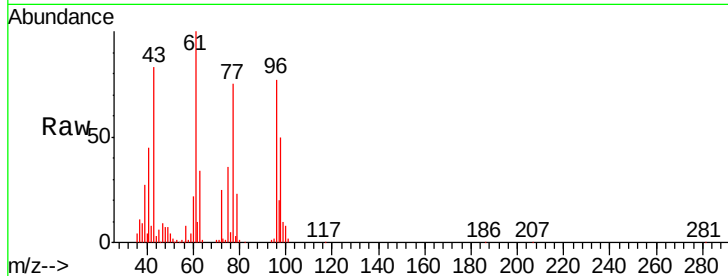
ClientSampleId :

VW1013SBS01

Tgt Ion:	96	Resp:	52592
Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	284.0
98	65.5	0.0	129.8

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#28

Bromochloromethane

Concen: 17.31 ug/l

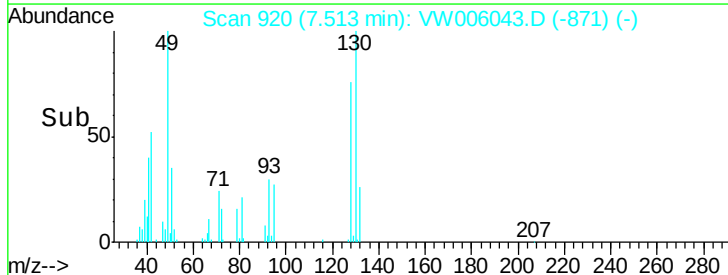
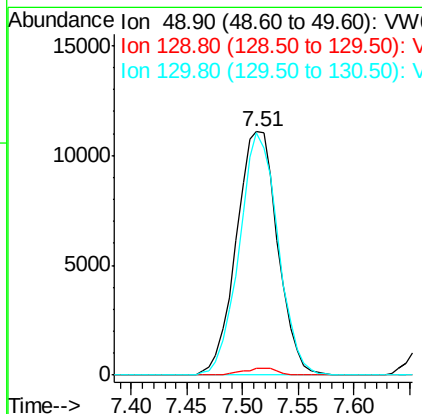
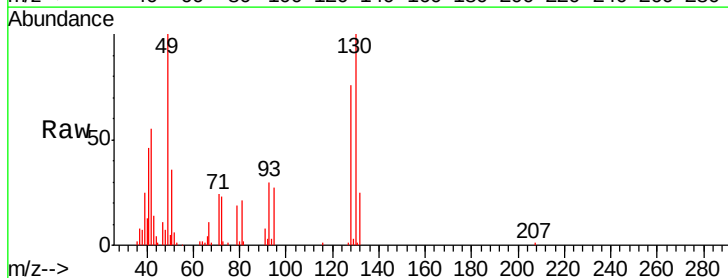
RT: 7.51 min Scan# 920

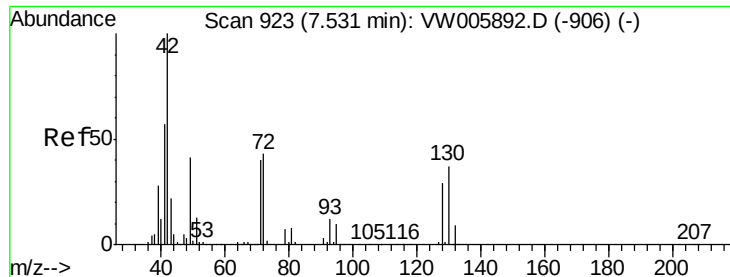
Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Tgt Ion:	49	Resp:	28601
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	93.6	66.9	100.3





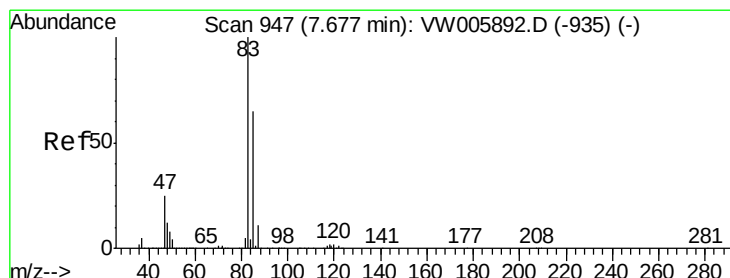
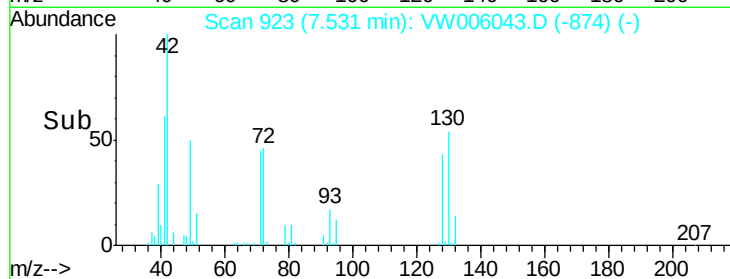
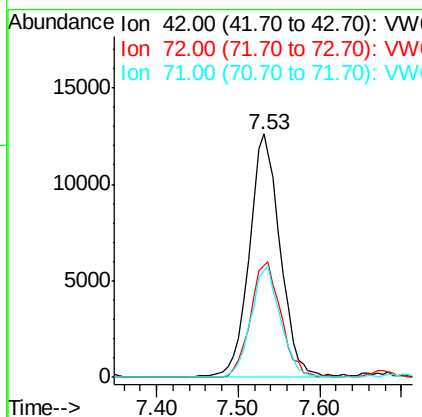
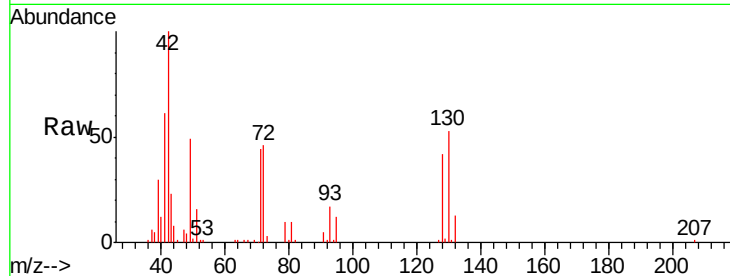
#29
Tetrahydrofuran
Concen: 73.53 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.5	34.6	51.8
71	43.4	32.6	49.0

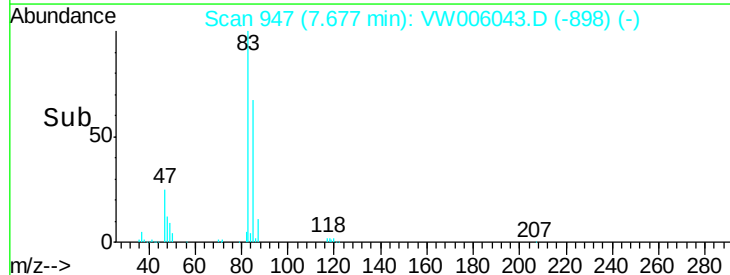
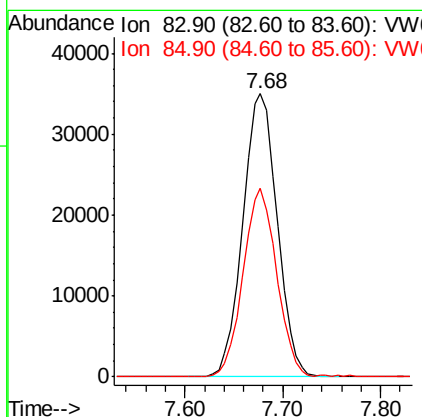
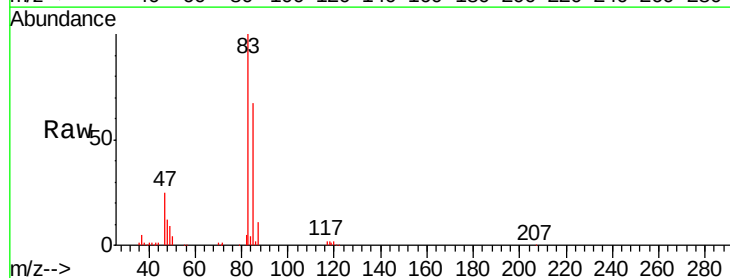
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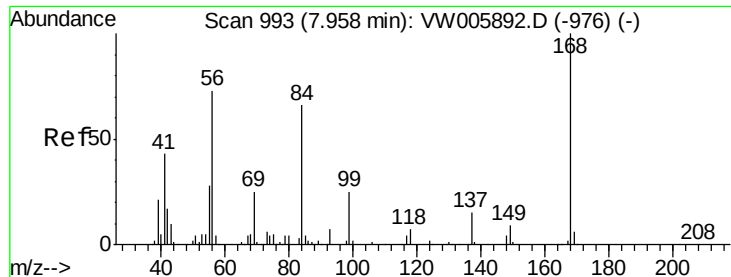
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#30
Chloroform
Concen: 18.53 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.6	77.4





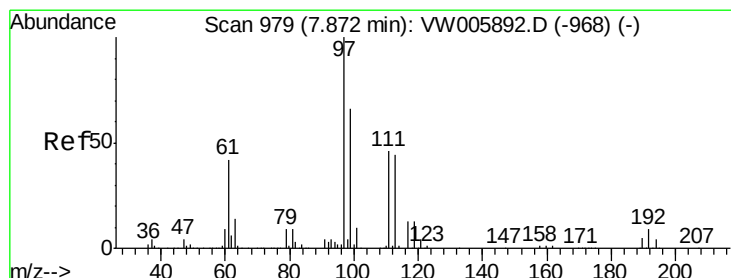
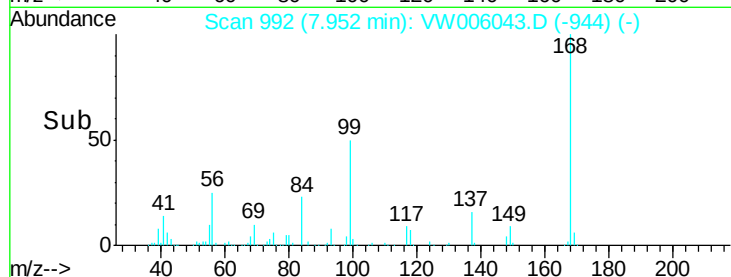
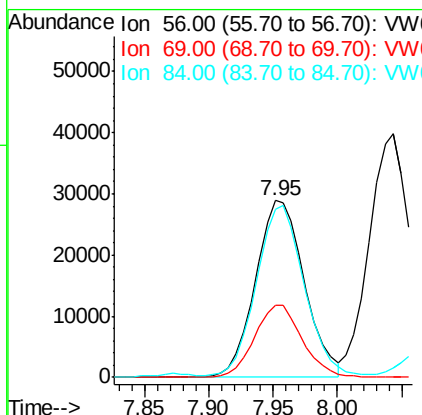
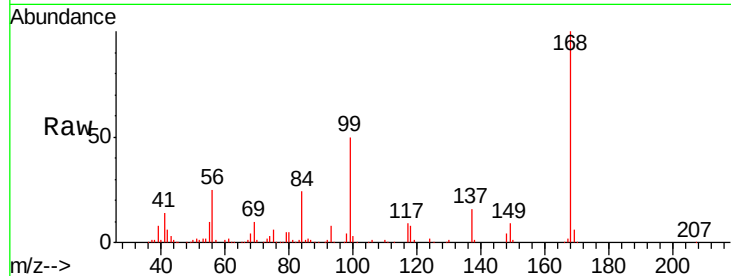
#31
Cyclohexane
Concen: 17.16 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.8	27.9	41.9
84	93.5	72.3	108.5

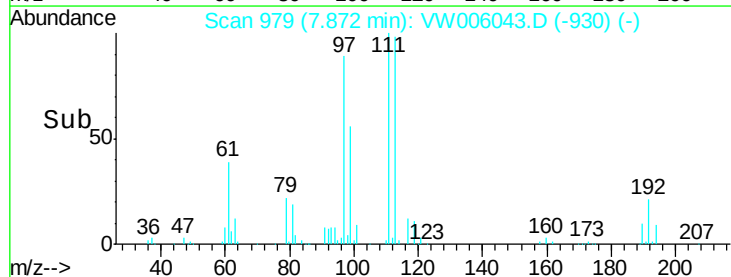
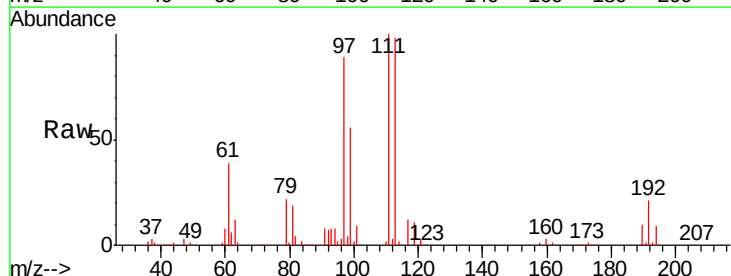
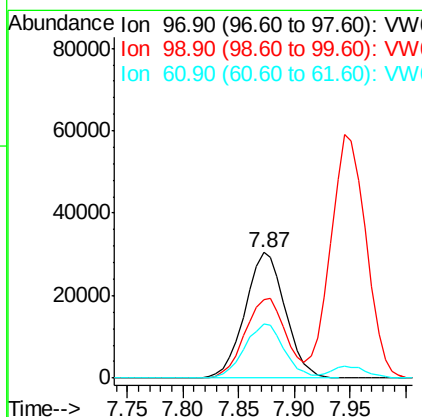
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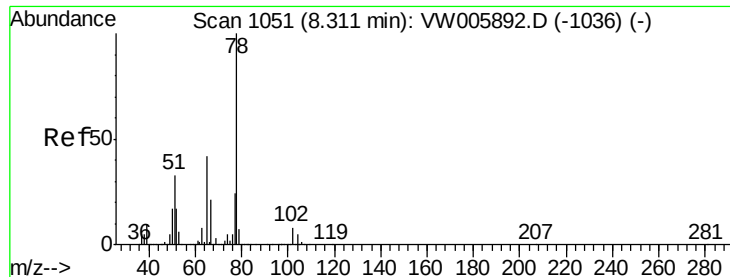
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#32
1,1,1-Trichloroethane
Concen: 18.65 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	43.0	34.5	51.7





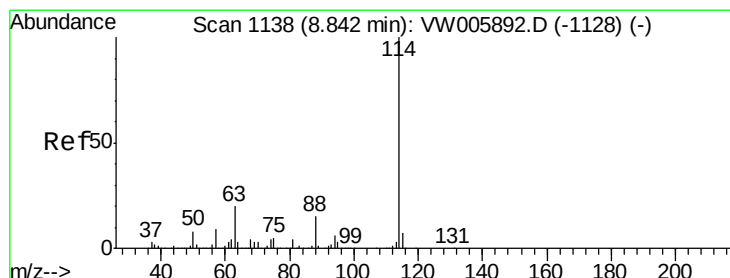
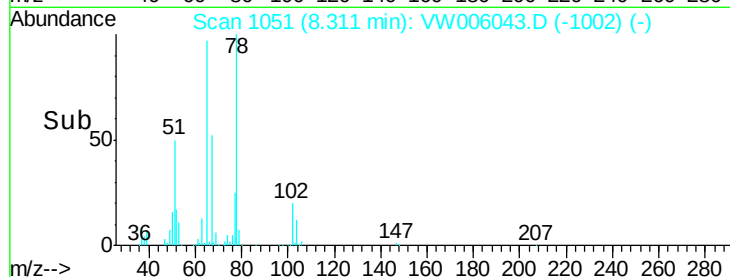
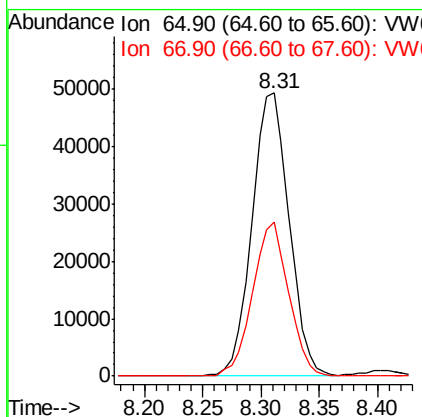
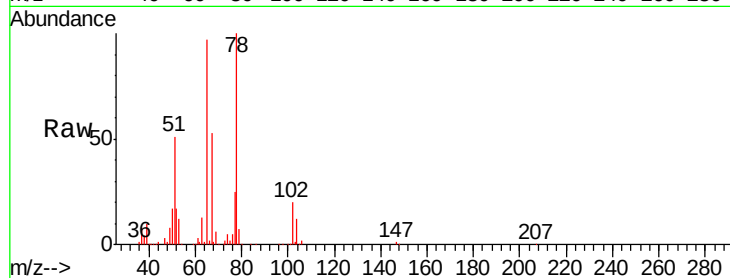
#33
 1,2-Dichloroethane-d4
 Concen: 43.12 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	109113		
67	52.6	0.0	104.6	

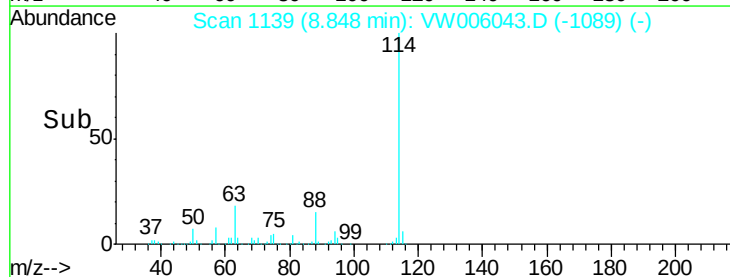
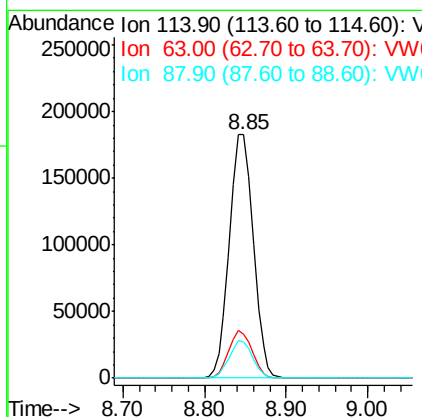
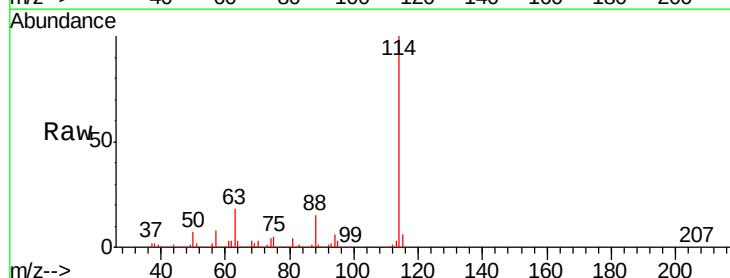
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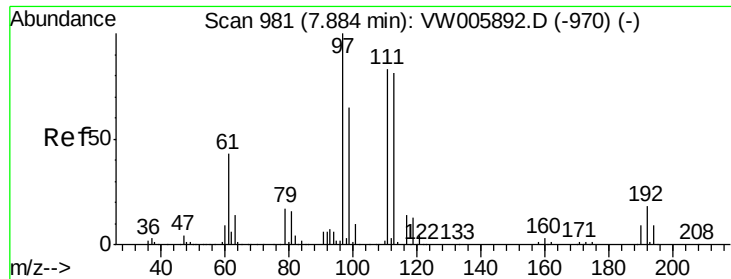
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	370424		
63	18.1	0.0	39.2	
88	14.9	0.0	30.8	





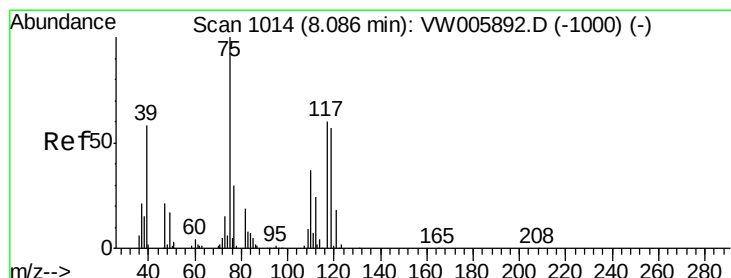
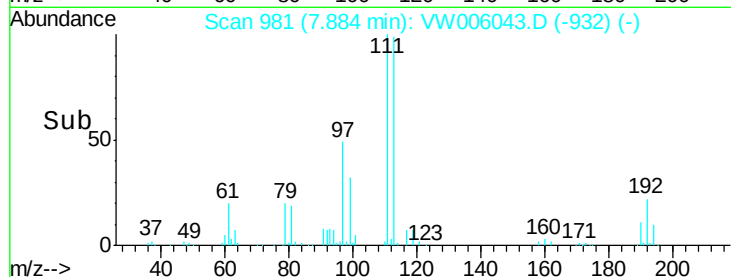
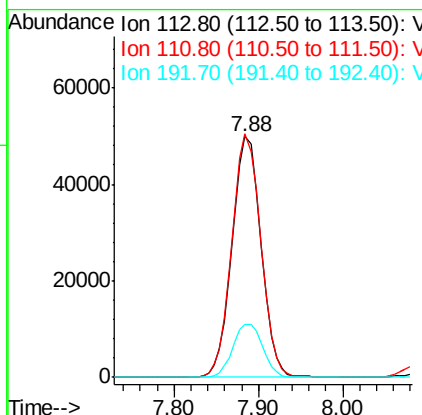
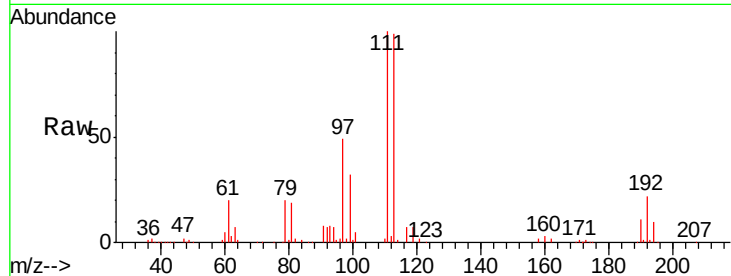
#35
Dibromofluoromethane
Concen: 48.97 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	115820		
111	101.4	82.0	123.0	
192	22.7	18.3	27.5	

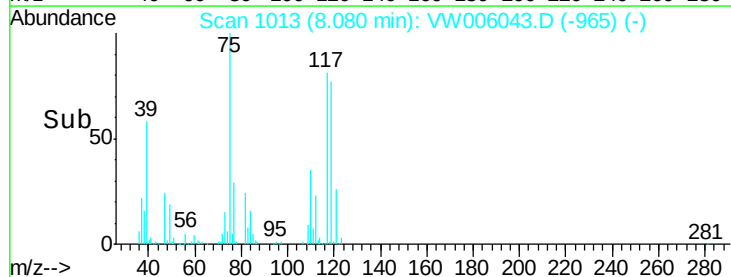
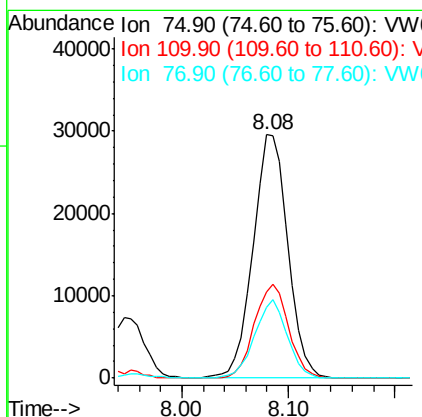
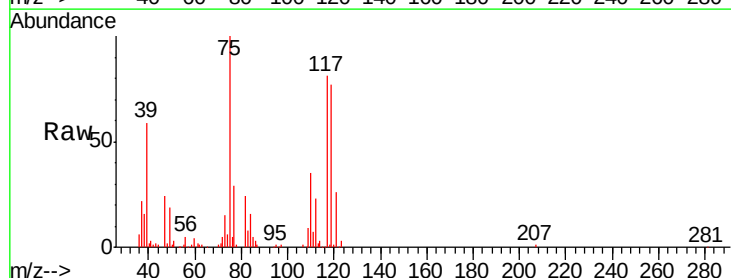
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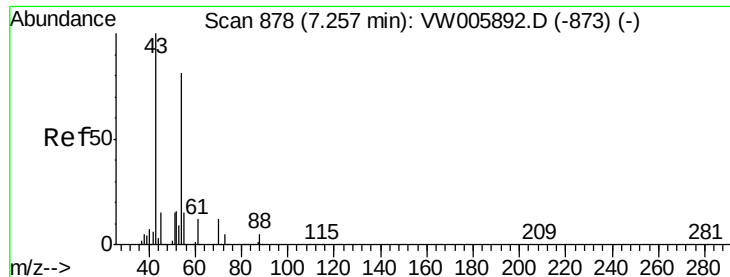
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#36
1,1-Dichloropropene
Concen: 19.10 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67807		
110	37.8	18.6	56.0	
77	30.3	24.7	37.1	





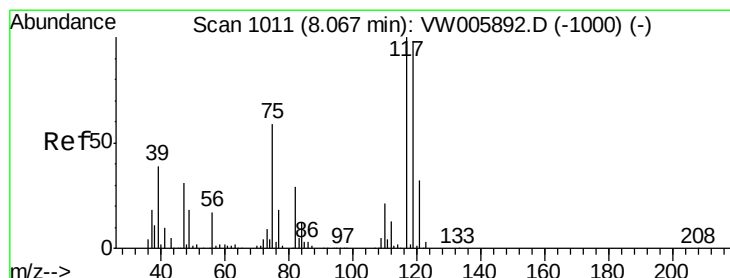
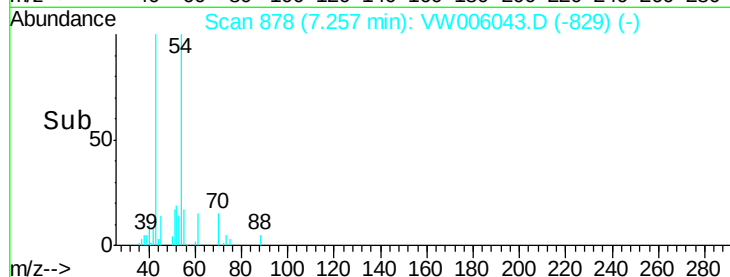
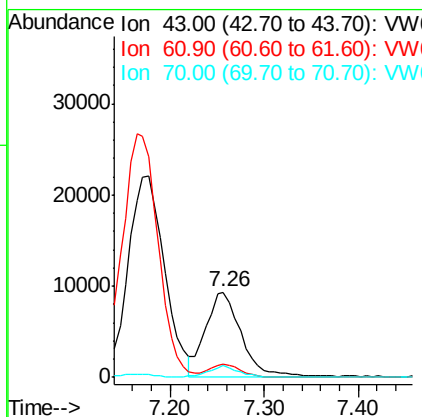
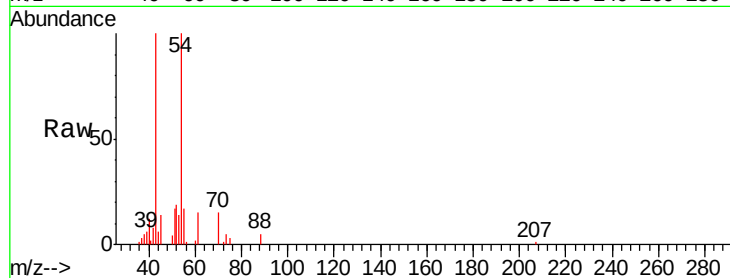
#37
Ethyl Acetate
Concen: 16.00 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	11.9	8.6	13.0

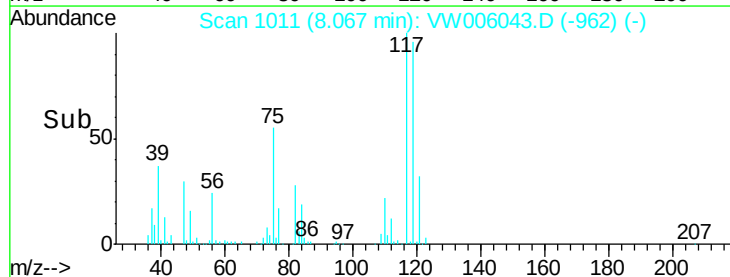
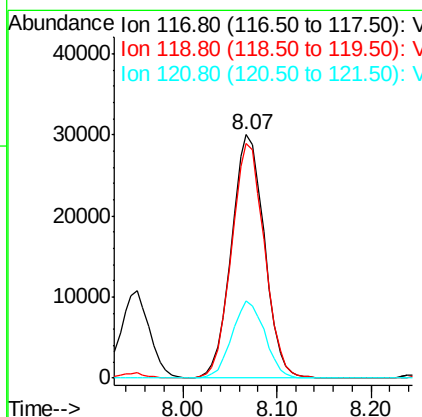
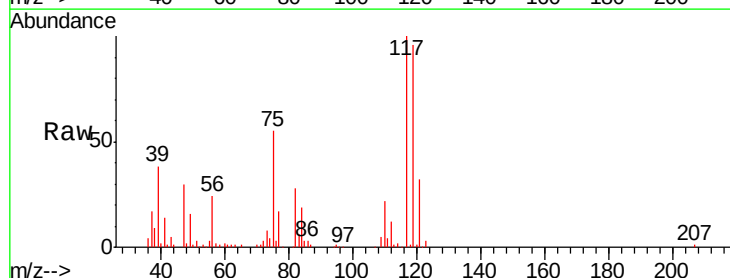
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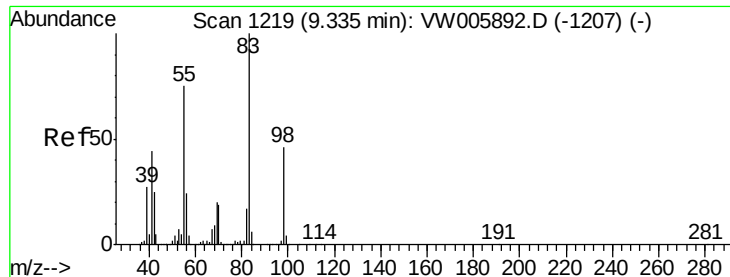
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#38
Carbon Tetrachloride
Concen: 19.15 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.6	117.8
121	31.7	25.3	37.9





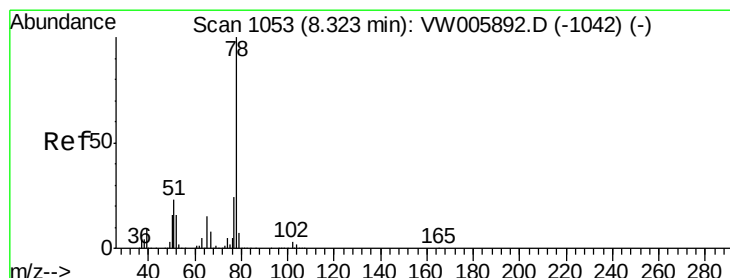
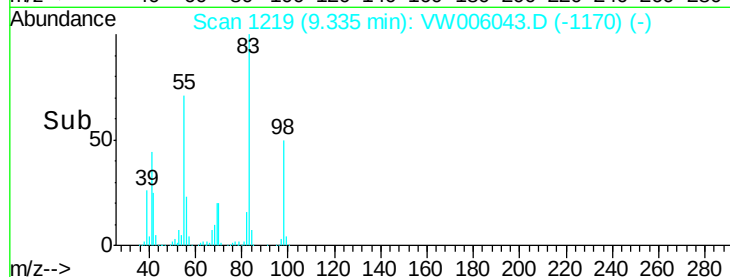
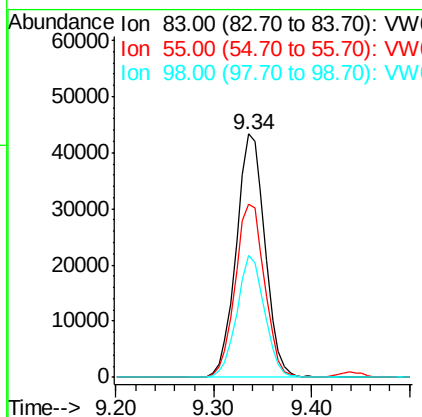
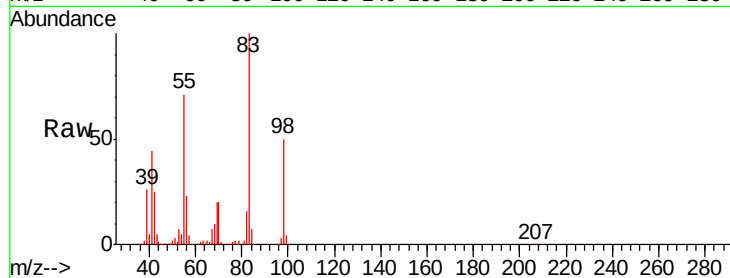
#39
Methylcyclohexane
Concen: 18.84 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.0	59.8	89.6
98	50.1	37.1	55.7

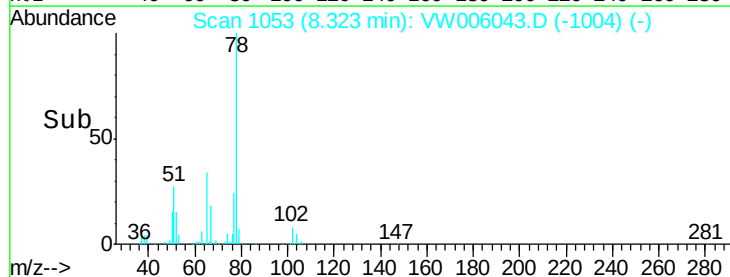
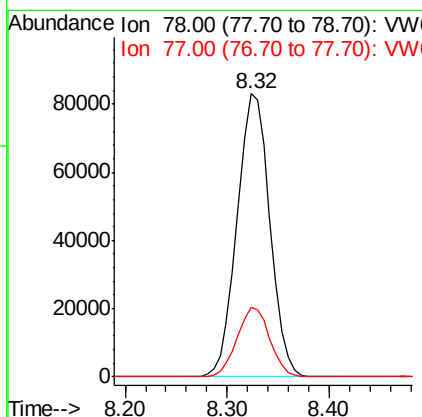
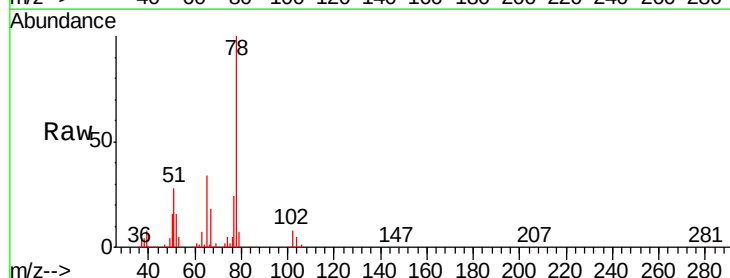
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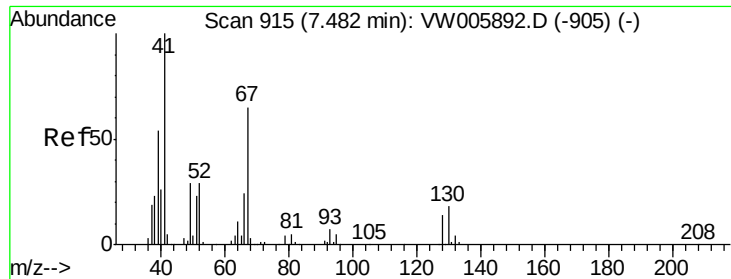
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#40
Benzene
Concen: 19.06 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7





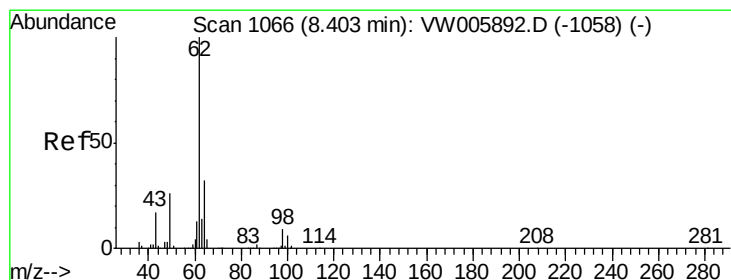
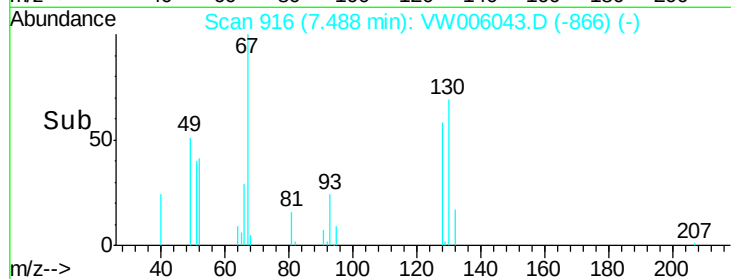
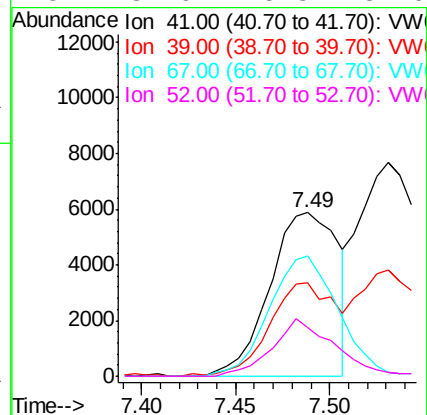
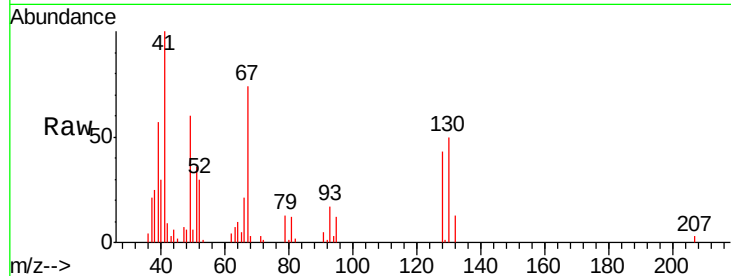
#41
Methacrylonitrile
Concen: 15.69 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.0	67.4
67	74.0	55.8	83.8
52	31.9	25.3	37.9

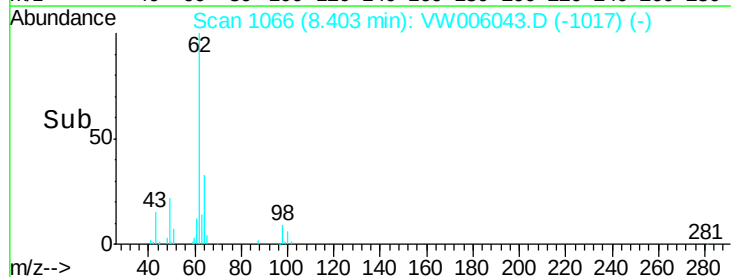
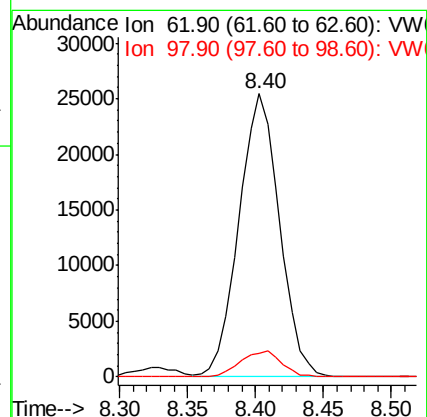
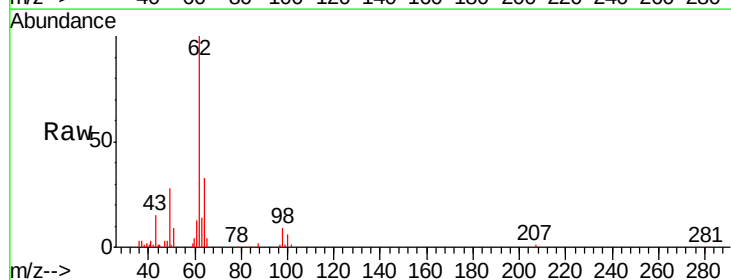
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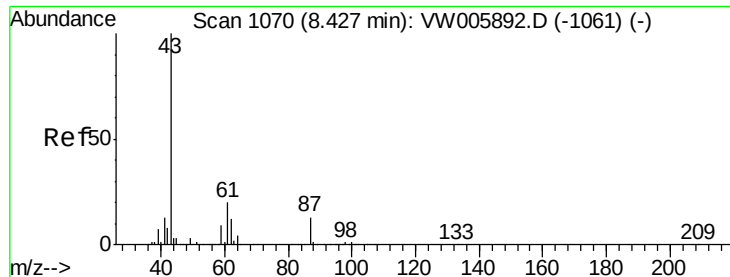
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#42
1,2-Dichloroethane
Concen: 18.07 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 15.53 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

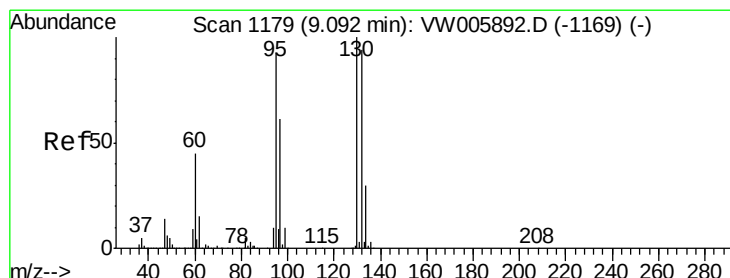
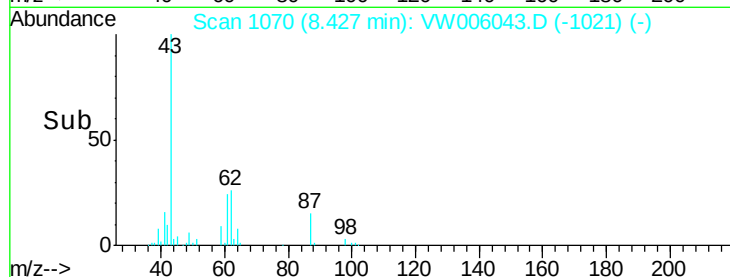
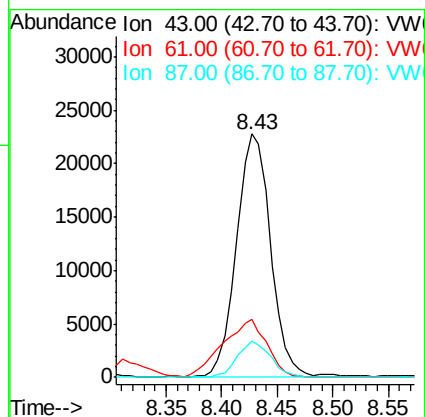
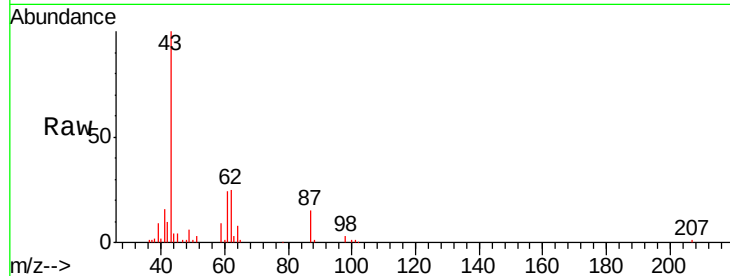
ClientSampleId :

VW1013SBS01

Tgt Ion:	43	Resp:	48763
Ion Ratio	Lower	Upper	
43	100		
61	30.5	23.1	34.7
87	14.4	10.7	16.1

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#44

Trichloroethene

Concen: 20.16 ug/l

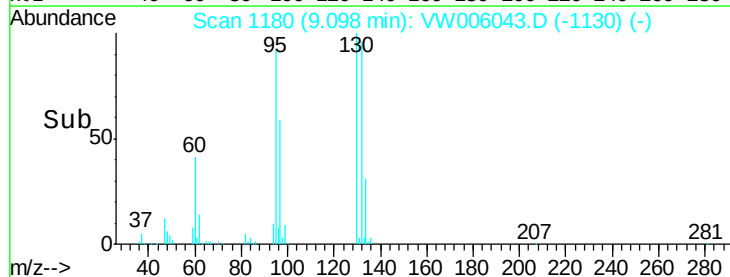
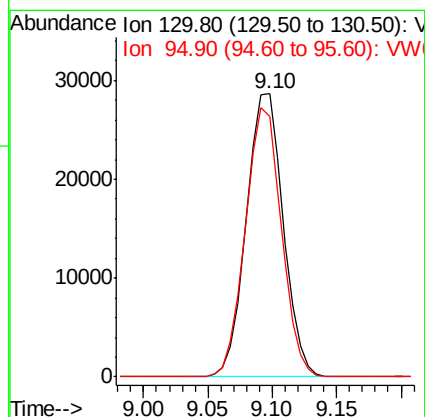
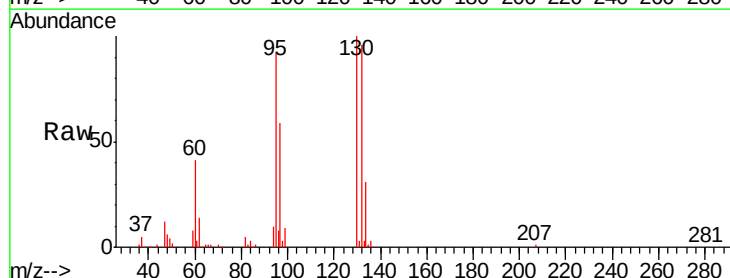
RT: 9.10 min Scan# 1180

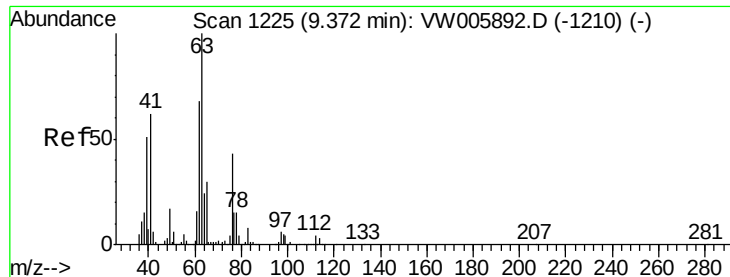
Delta R.T. 0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Tgt Ion:	130	Resp:	56835
Ion Ratio	Lower	Upper	
130	100		
95	91.8	0.0	185.6





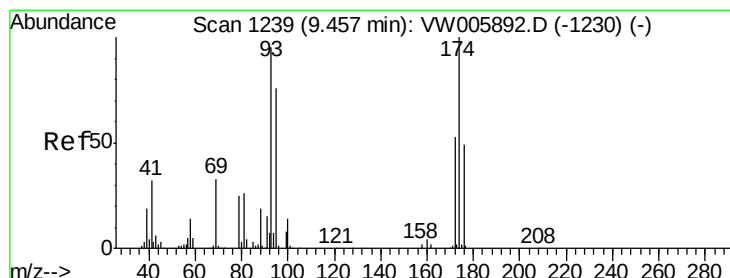
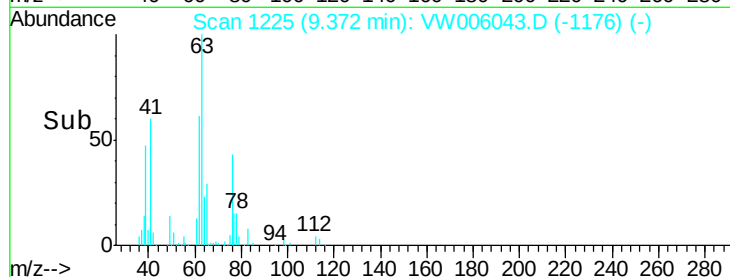
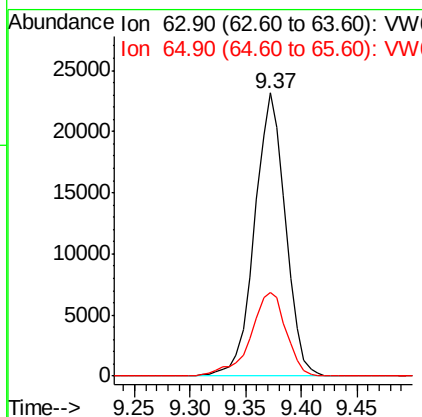
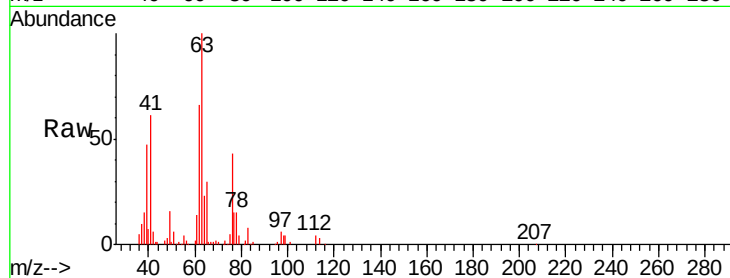
#45
 1,2-Dichloropropane
 Concen: 18.36 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.3	36.5

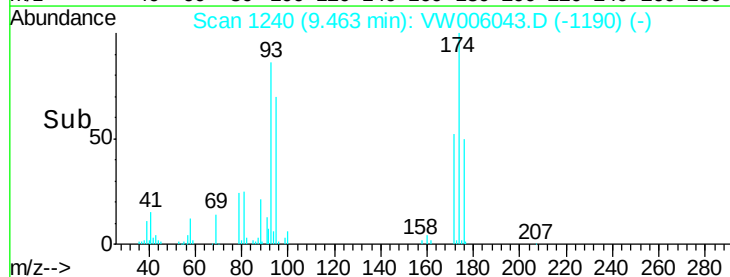
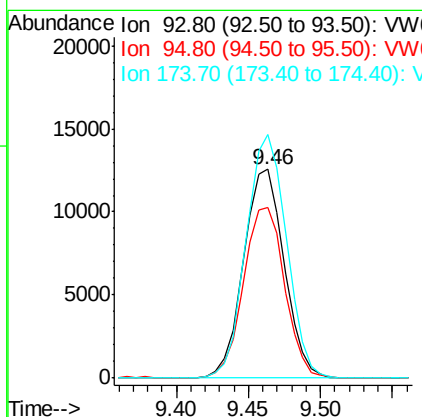
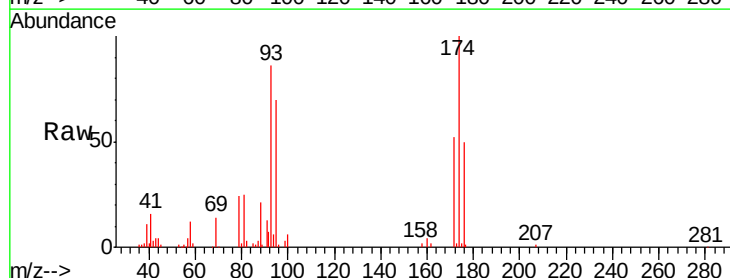
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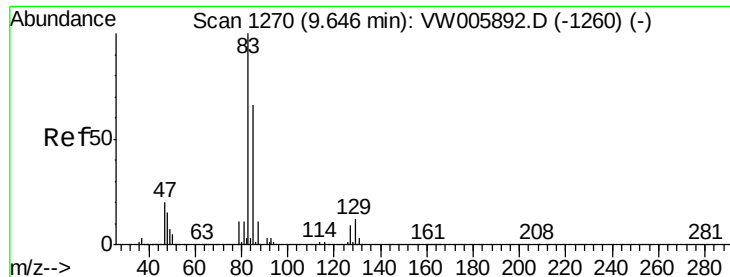
apatel
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#46
 Dibromomethane
 Concen: 18.40 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	115.6	90.4	135.6





#47

Bromodichloromethane

Concen: 17.61 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

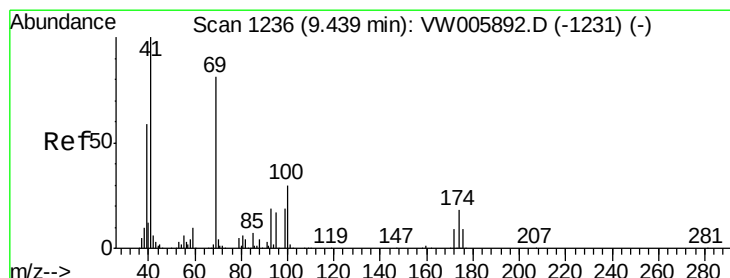
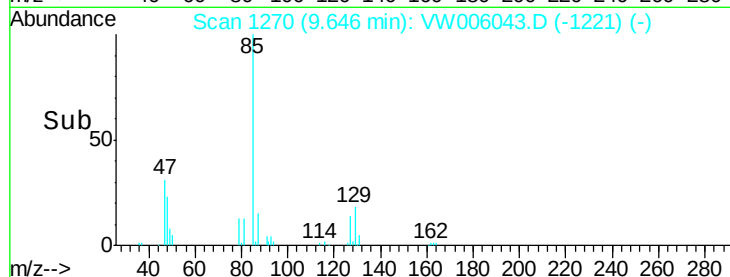
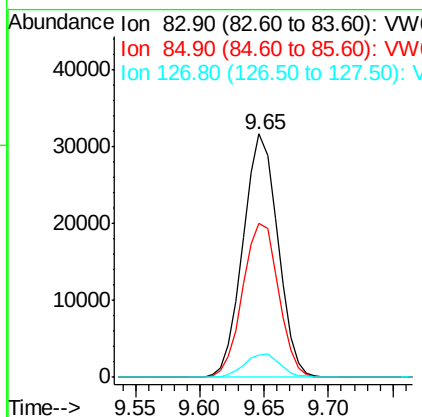
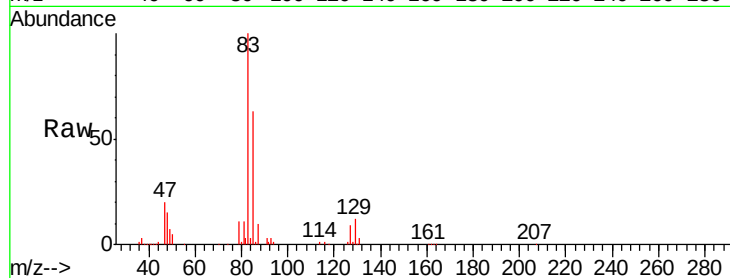
ClientSampleId :

VW1013SBS01

Tgt Ion:	83	Resp:	59209
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.6
127	9.1	7.4	11.0

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#48

Methyl methacrylate

Concen: 15.24 ug/l

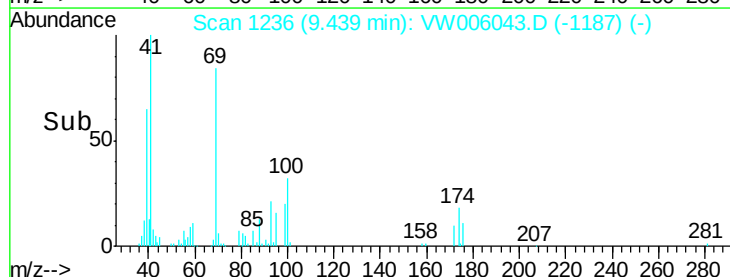
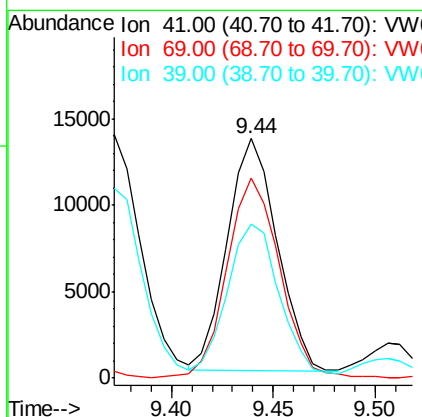
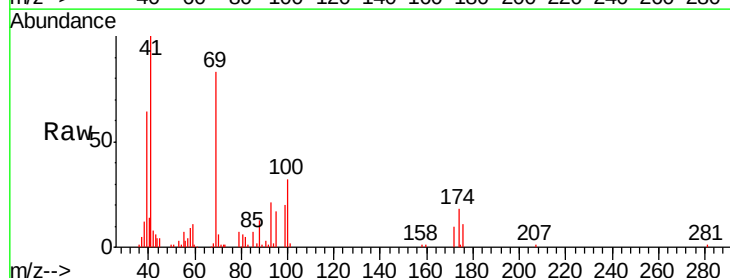
RT: 9.44 min Scan# 1236

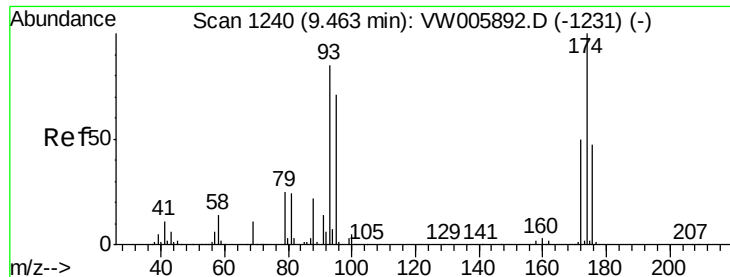
Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Tgt Ion:	41	Resp:	22797
Ion	Ratio	Lower	Upper
41	100		
69	91.4	68.7	103.1
39	67.0	50.0	75.0





#49

1,4-Dioxane

Concen: 352.21 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

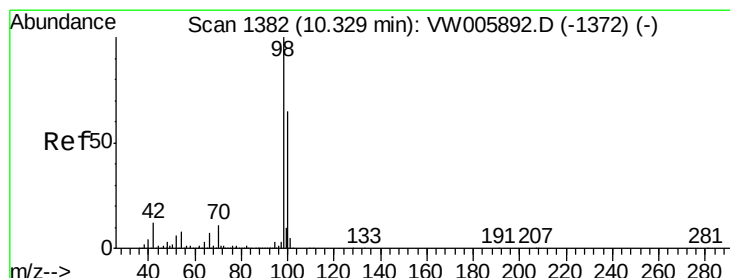
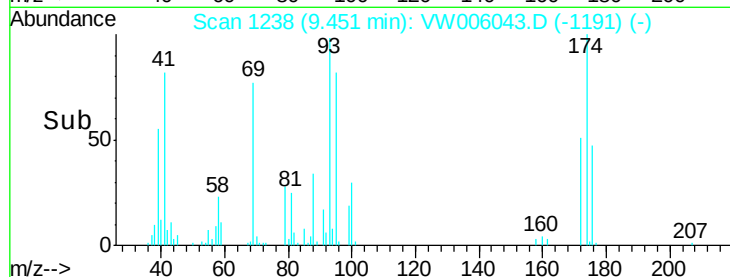
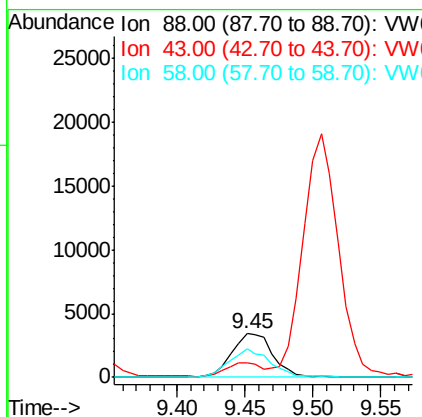
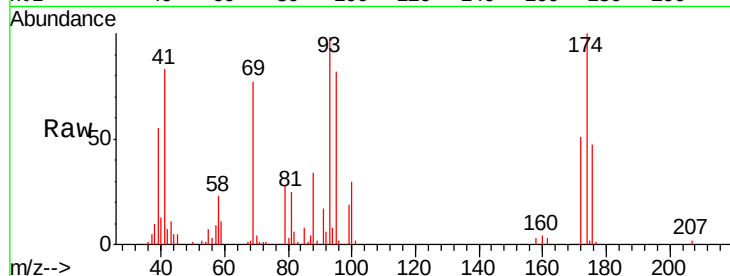
ClientSampleId :

VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	25.6	0.0	0.0#
58	65.0	57.7	86.5

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#50

Toluene-d8

Concen: 49.34 ug/l

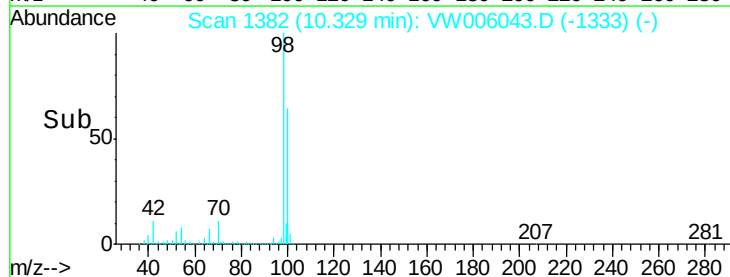
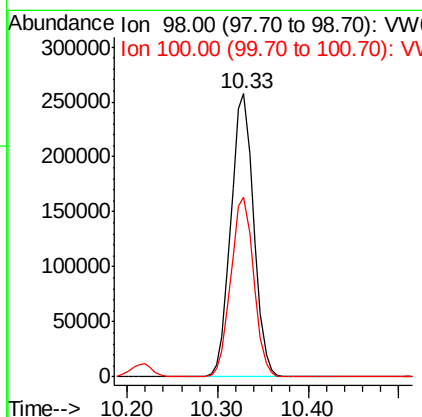
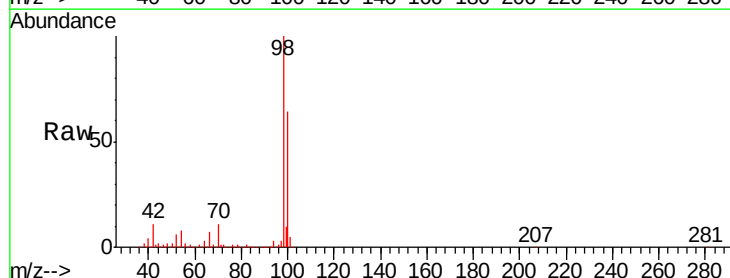
RT: 10.33 min Scan# 1382

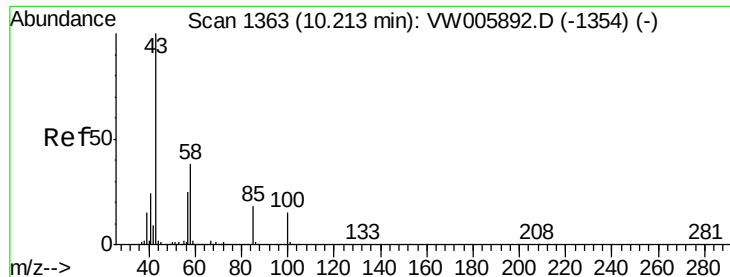
Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 79.47 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 43 Resp: 121499

Ion Ratio Lower Upper

43 100

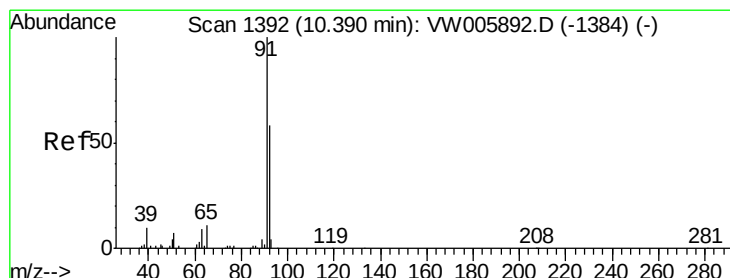
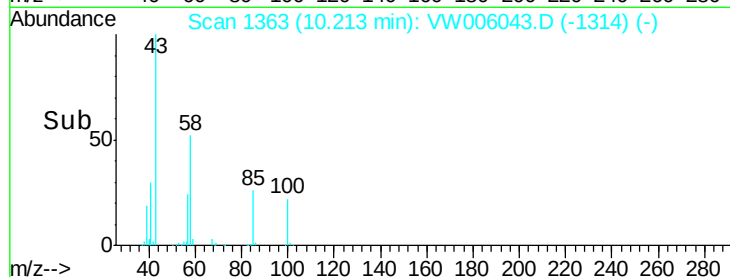
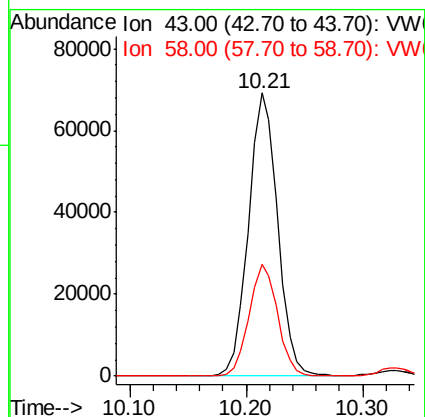
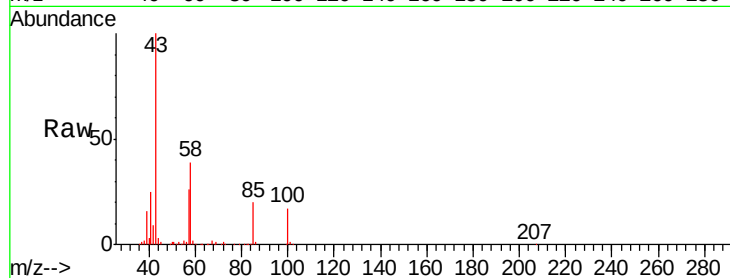
58 38.8 30.2 45.4

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#52

Toluene

Concen: 19.61 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006043.D

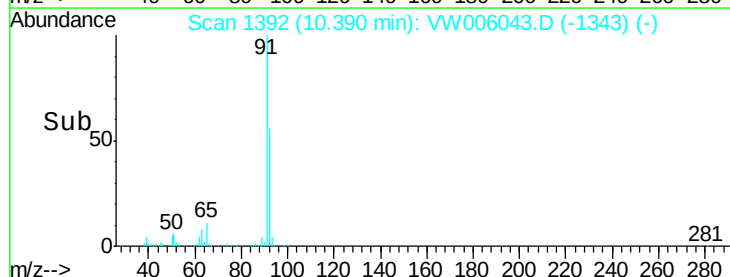
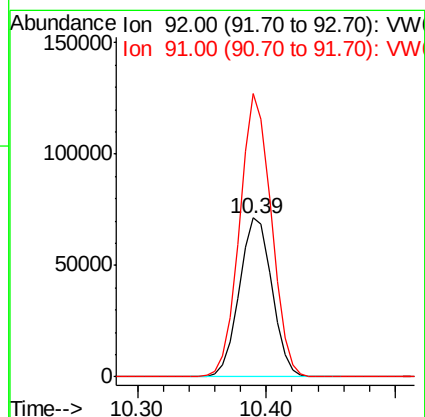
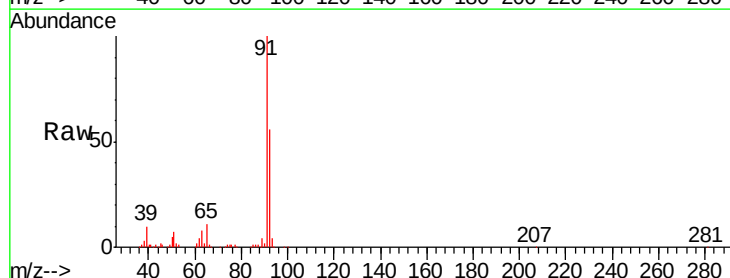
Acq: 12 Oct 2018 12:24

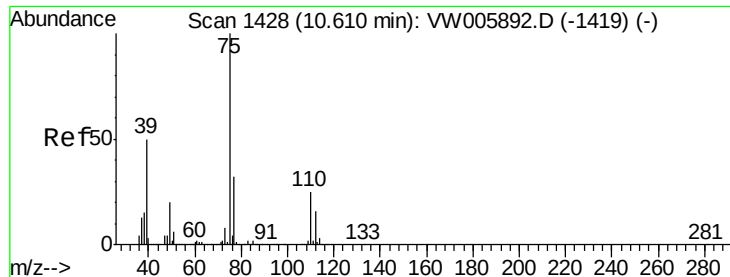
Tgt Ion: 92 Resp: 125168

Ion Ratio Lower Upper

92 100

91 173.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 16.74 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 75 Resp: 58817

Ion Ratio Lower Upper

75 100

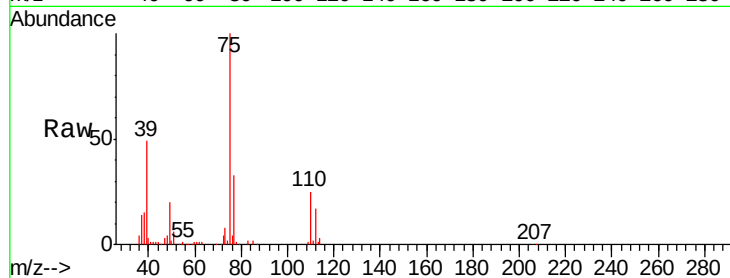
77 32.6 25.4 38.2

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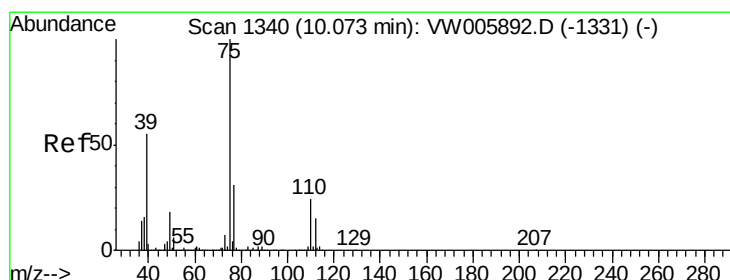
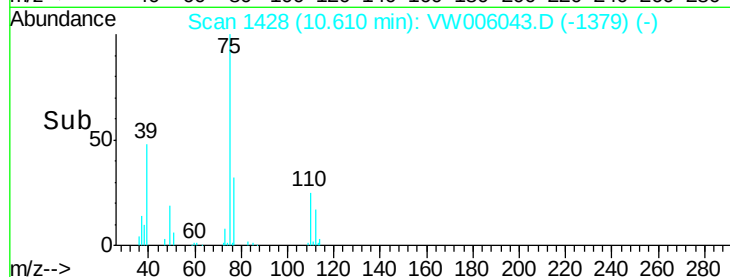
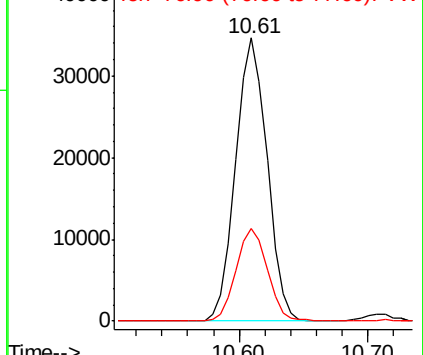
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 17.19 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

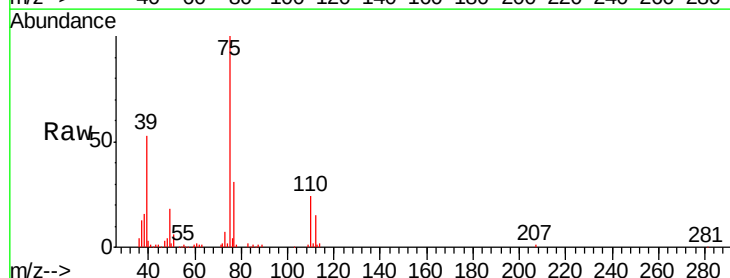
Tgt Ion: 75 Resp: 67907

Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

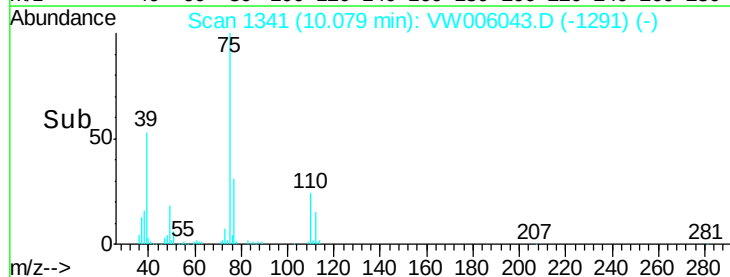
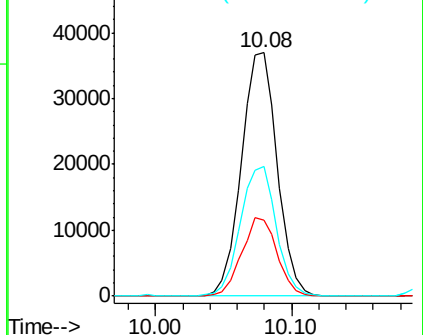
39 53.0 44.2 66.4

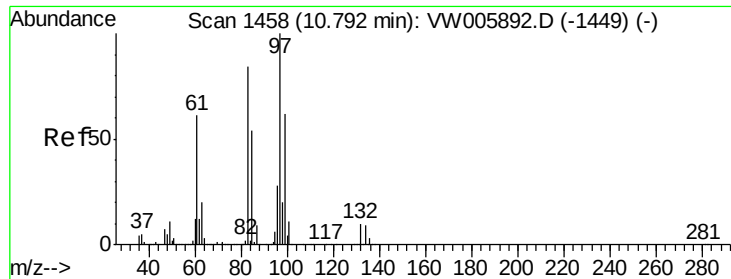


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





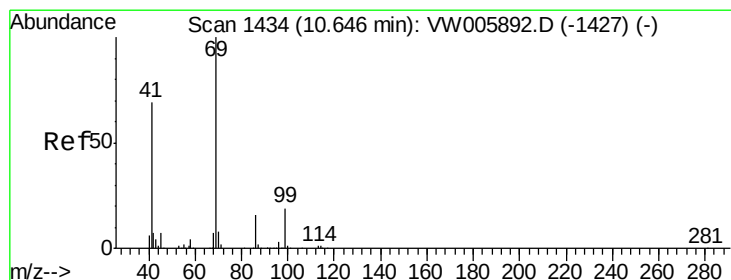
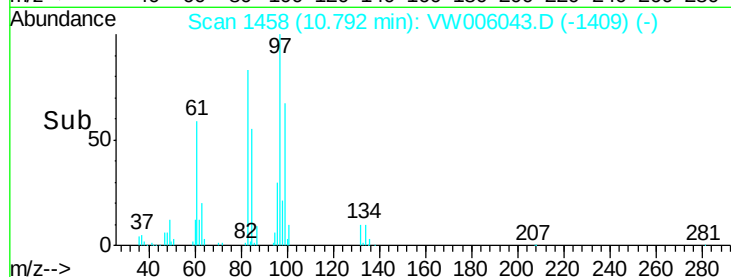
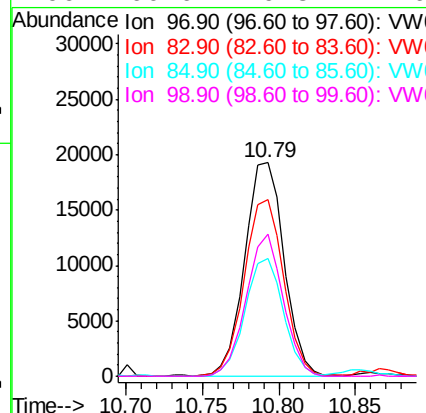
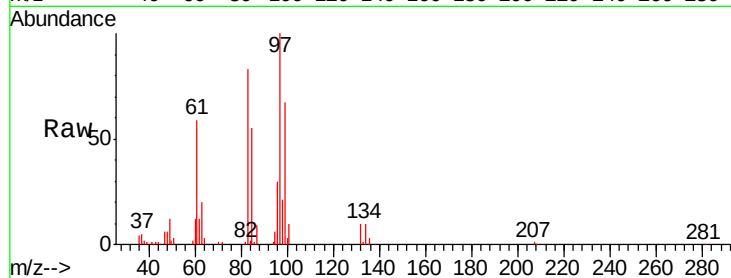
#55
 1,1,2-Trichloroethane
 Concen: 18.69 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.9	100.3
85	55.3	43.4	65.0
99	66.6	49.8	74.6

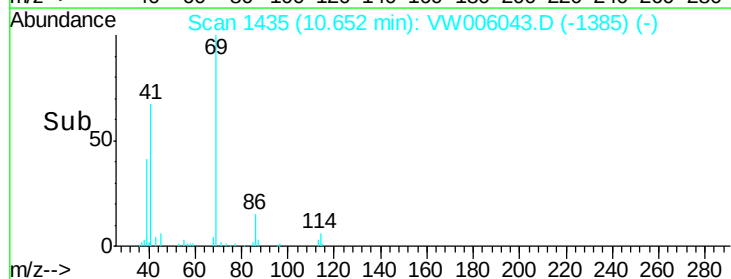
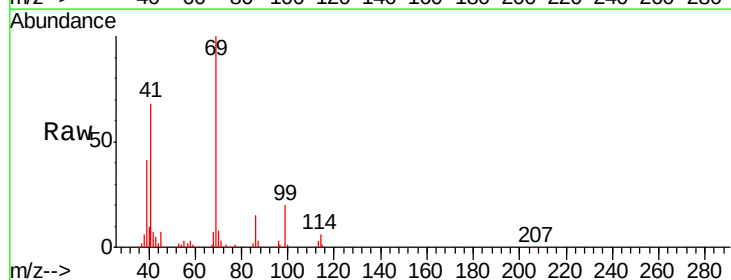
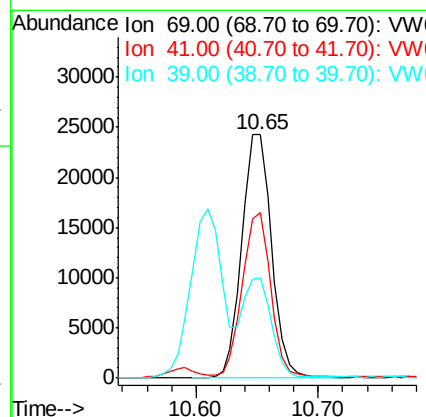
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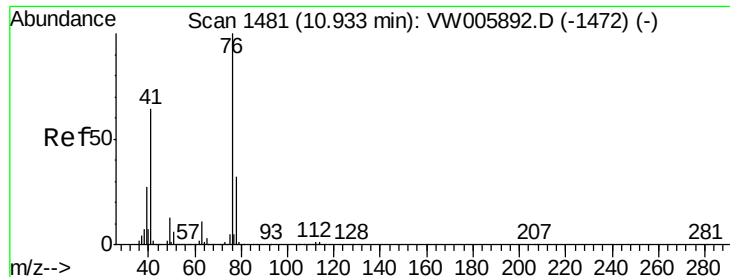
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#56
 Ethyl methacrylate
 Concen: 16.48 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.2	56.0	84.0
39	36.8	33.5	50.3





#57

1,3-Dichloropropane

Concen: 18.05 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 76 Resp: 56221

Ion Ratio Lower Upper

76 100

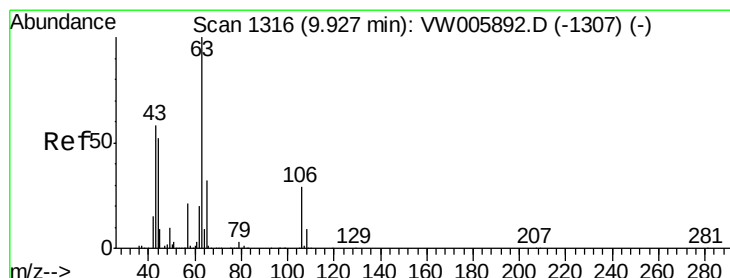
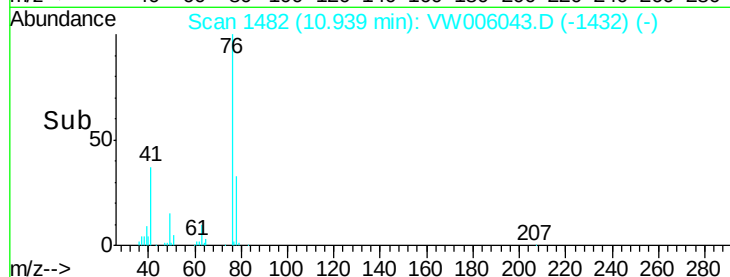
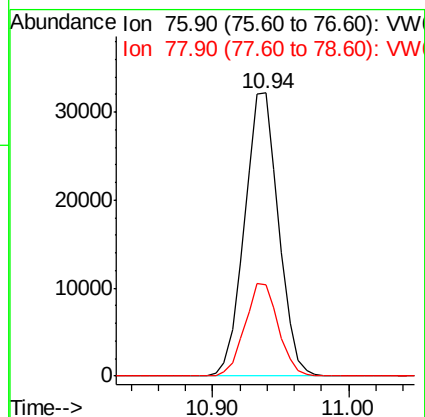
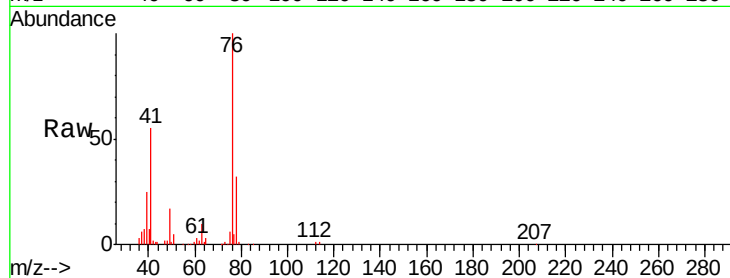
78 32.4 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 87.83 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006043.D

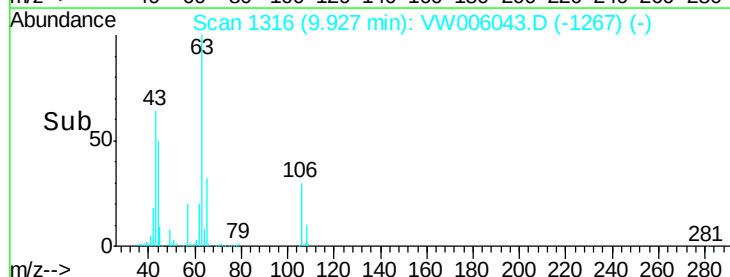
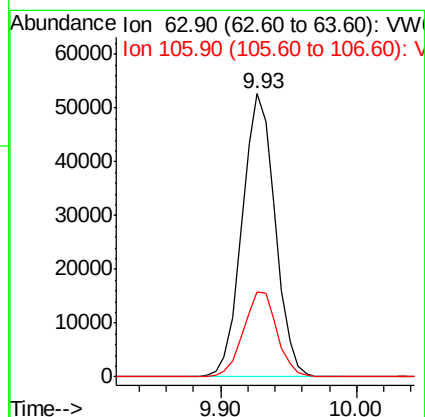
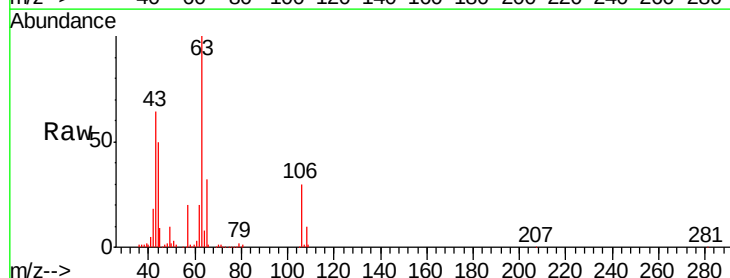
Acq: 12 Oct 2018 12:24

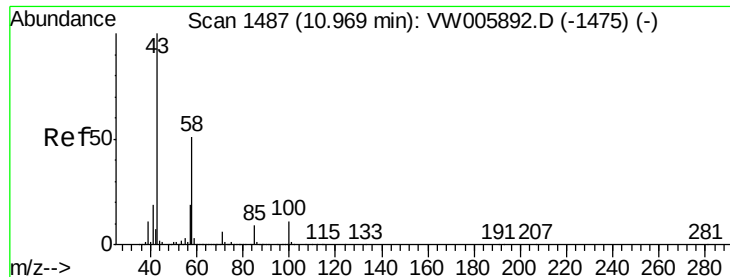
Tgt Ion: 63 Resp: 89157

Ion Ratio Lower Upper

63 100

106 30.4 23.6 35.4





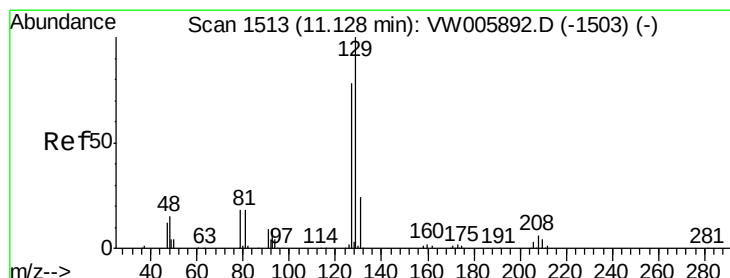
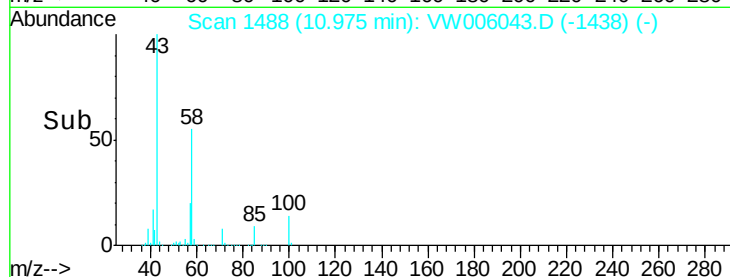
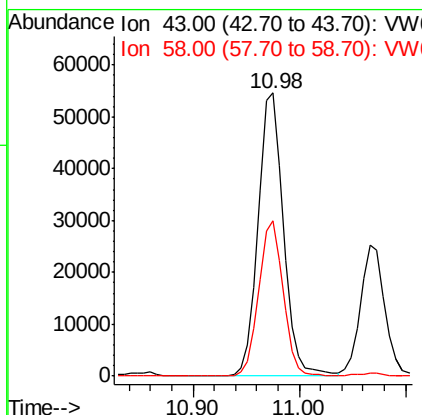
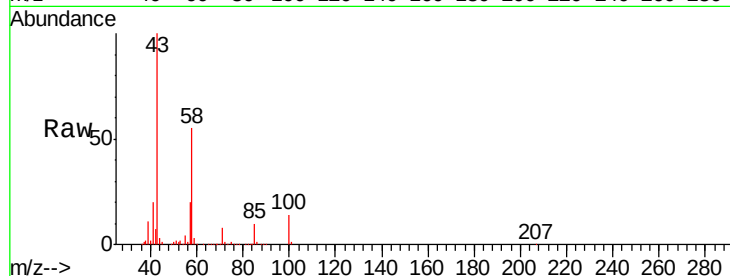
#59
2-Hexanone
Concen: 83.89 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion: 43 Resp: 91970
Ion Ratio Lower Upper
43 100
58 52.8 25.7 77.1

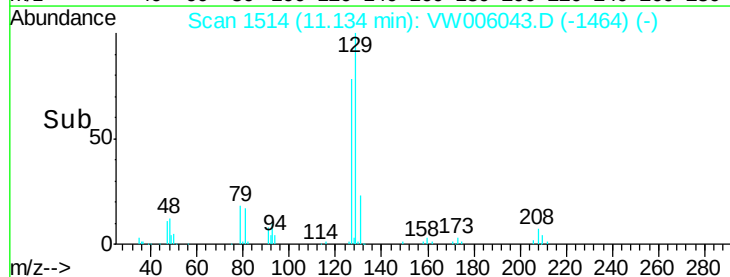
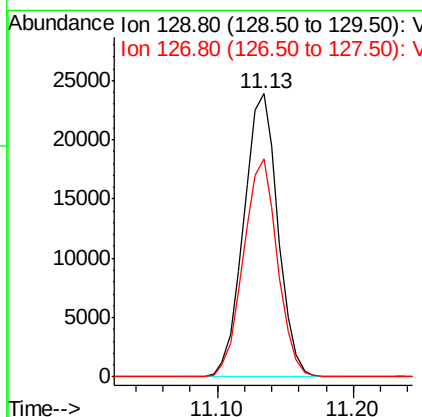
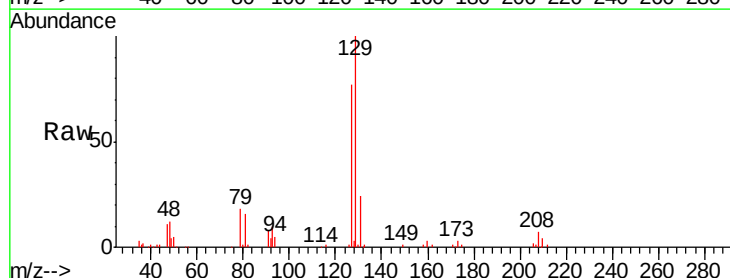
Manual Integrations
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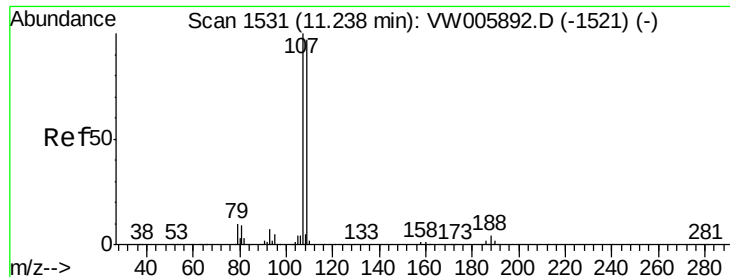
apatel
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#60
Dibromochloromethane
Concen: 17.60 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion: 129 Resp: 42039
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





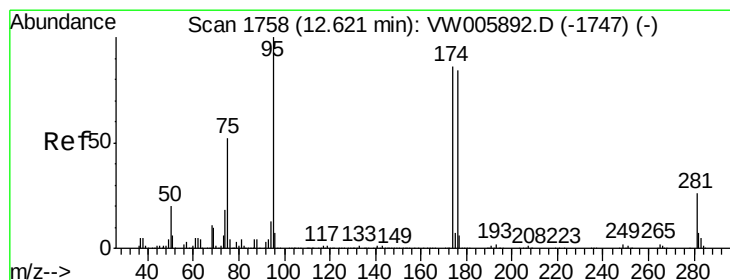
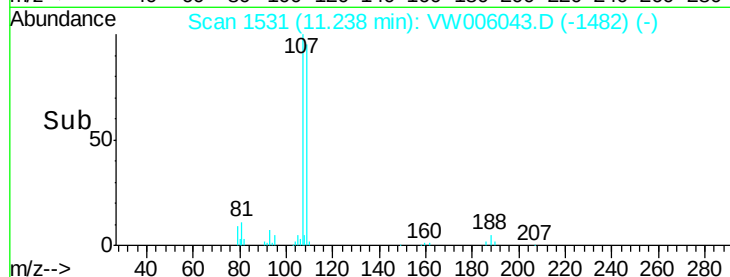
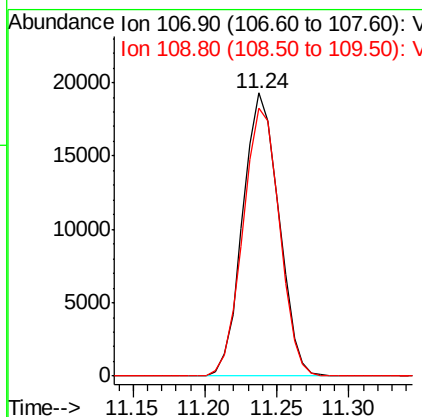
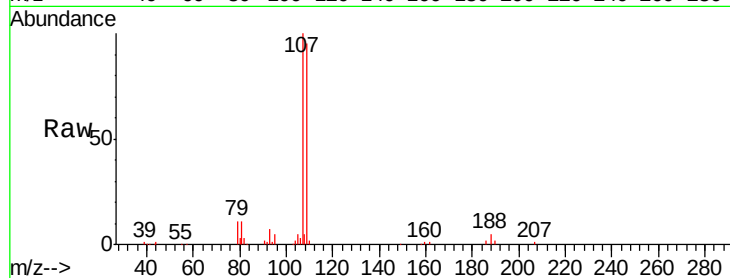
#61
 1,2-Dibromoethane
 Concen: 18.13 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion: 107 Resp: 33528
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.8 113.8

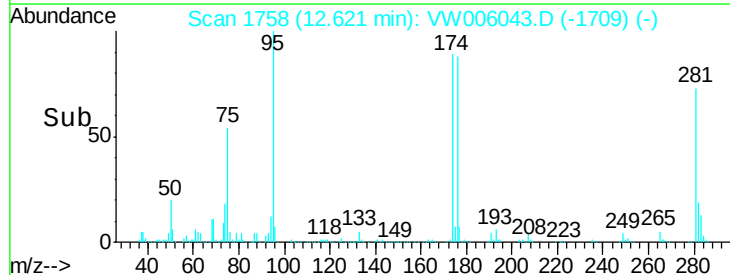
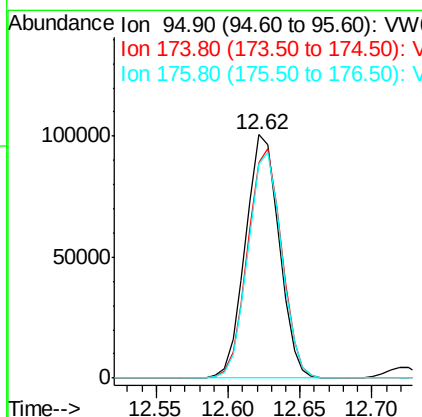
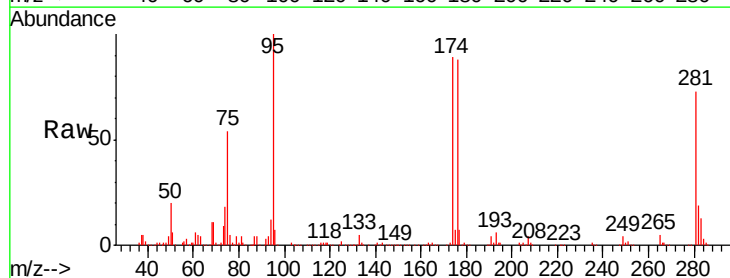
Manual Integrations
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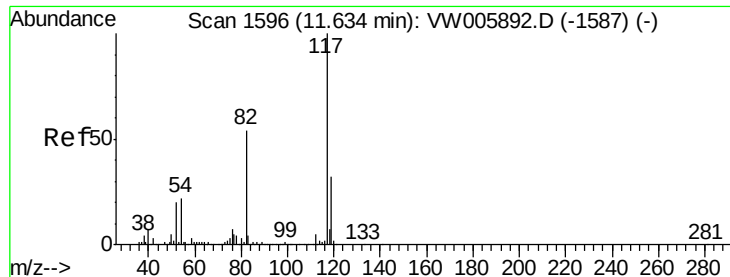
apatel
 10/15/2018 10:03:20 AM



#62
 4-Bromofluorobenzene
 Concen: 47.00 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion: 95 Resp: 162698
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 176.4
 176 92.3 0.0 173.0





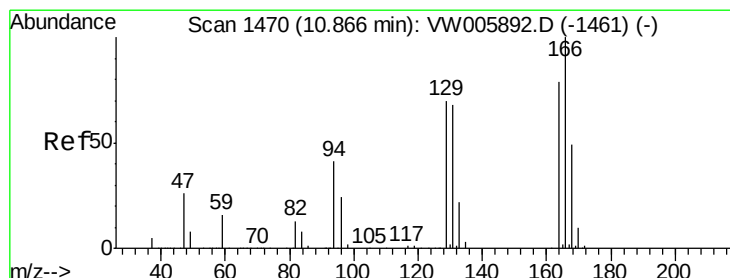
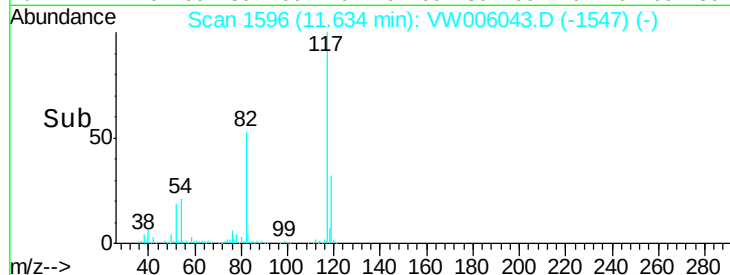
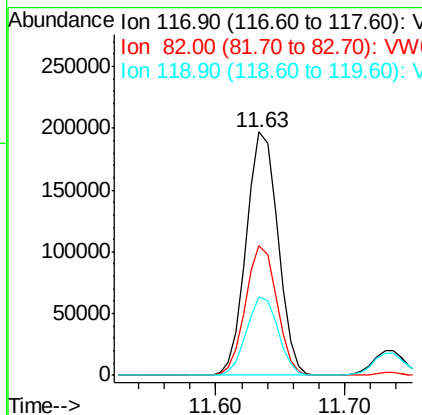
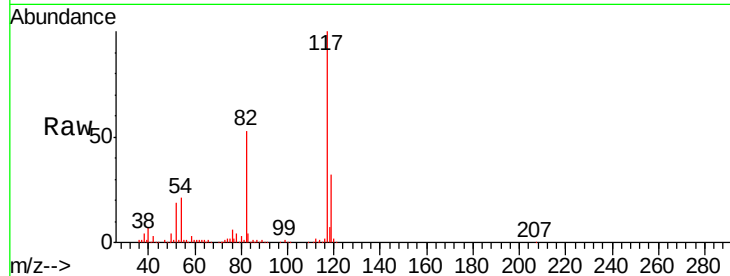
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	334103		
82	53.0	43.5	65.3	
119	32.1	25.4	38.2	

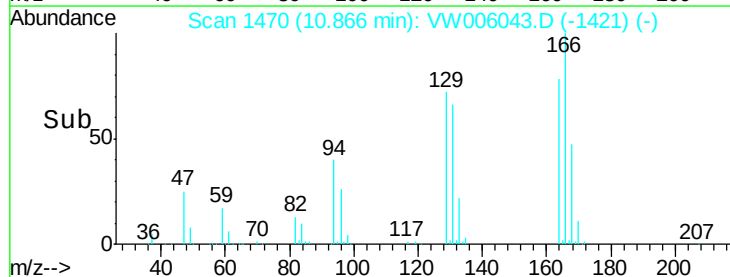
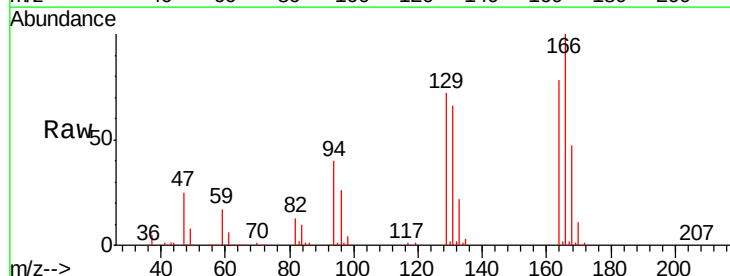
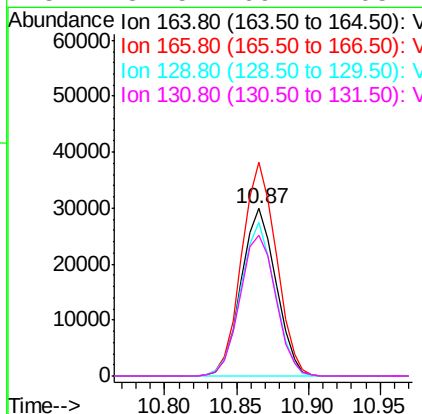
Manual Integrations
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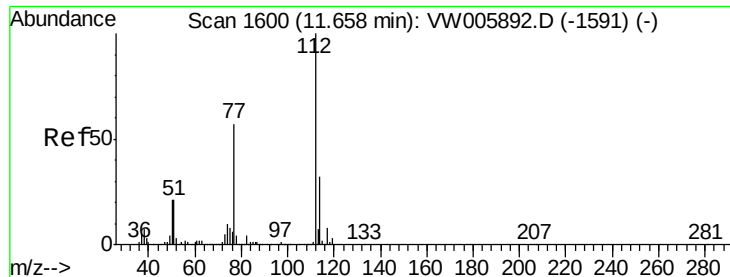
apatel
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#64
Tetrachloroethene
Concen: 20.13 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50101		
166	127.8	101.5	152.3	
129	92.2	71.1	106.7	
131	84.5	69.1	103.7	





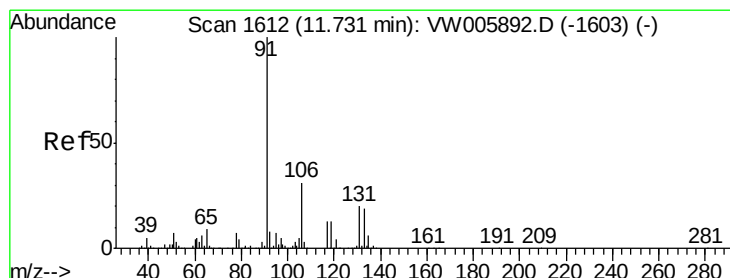
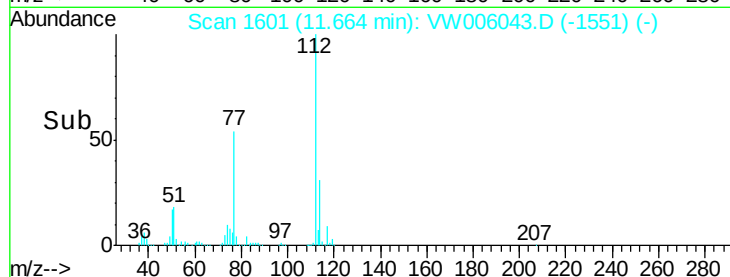
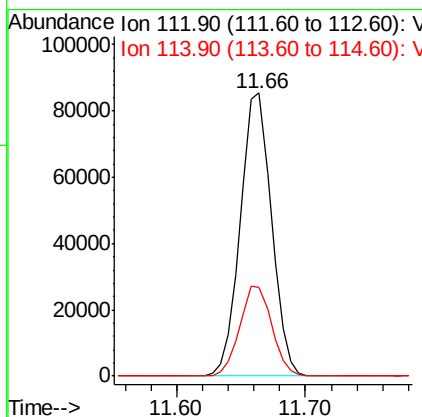
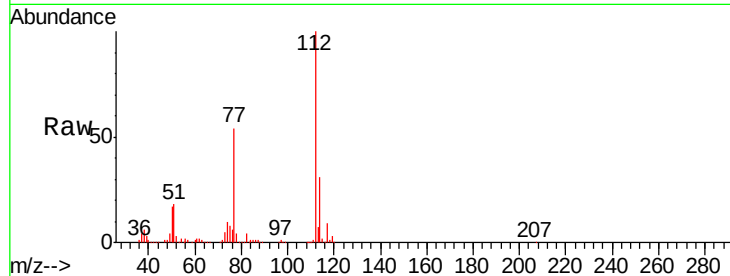
#65
Chlorobenzene
Concen: 20.00 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.6	38.4

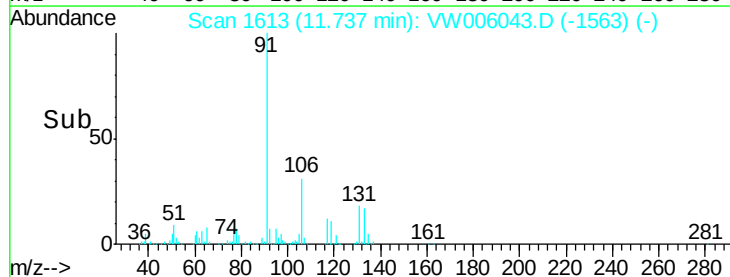
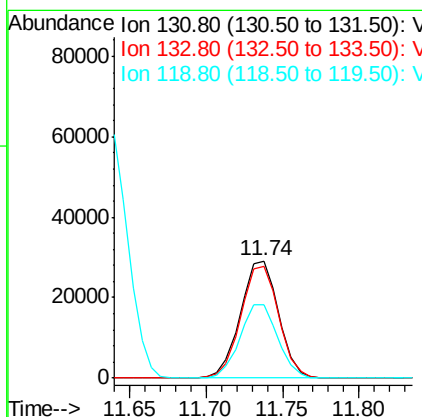
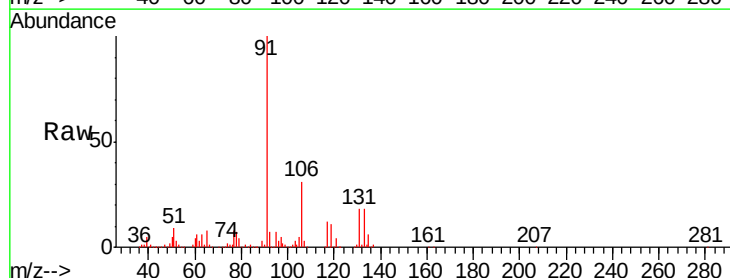
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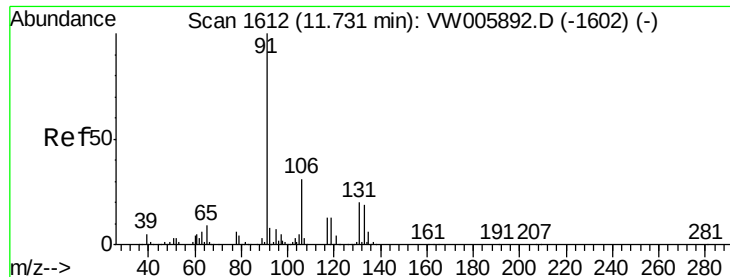
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.21 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.2	144.6
119	62.4	32.5	97.5





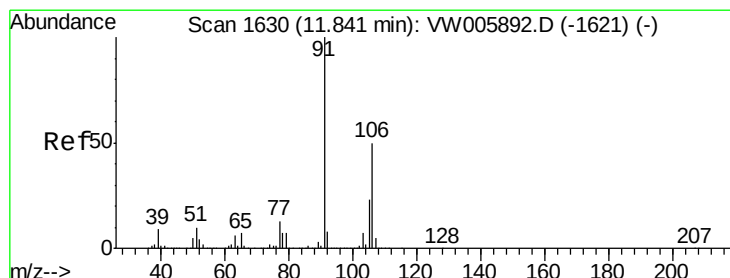
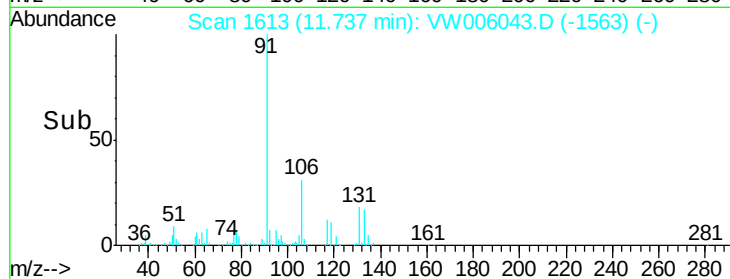
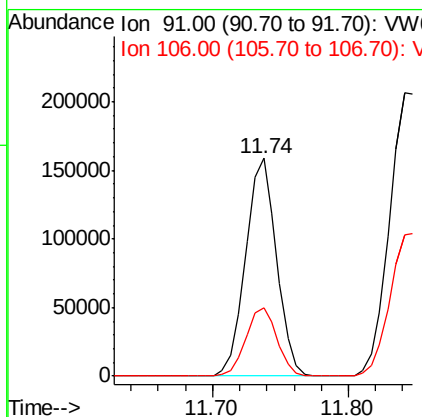
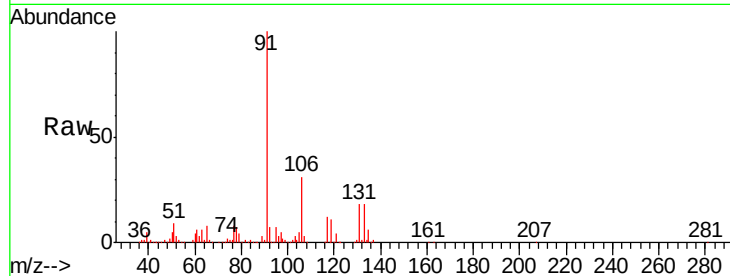
#67
Ethyl Benzene
Concen: 20.00 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion: 91 Resp: 252854
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

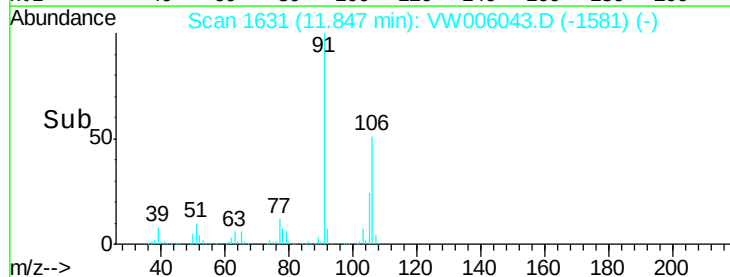
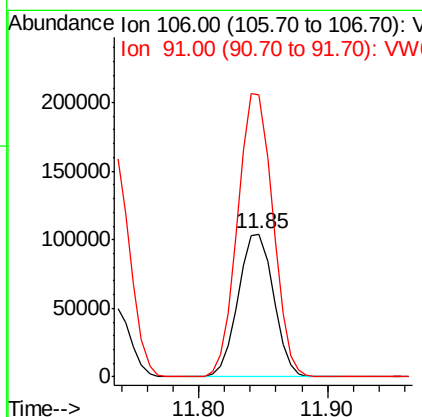
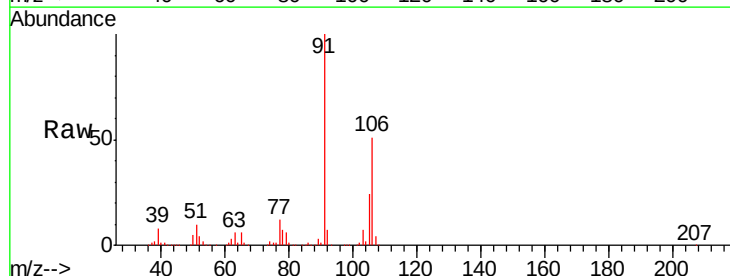
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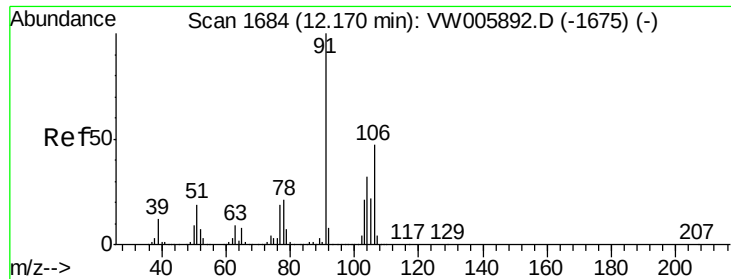
apatel
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#68
m/p-Xylenes
Concen: 40.01 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion: 106 Resp: 197660
Ion Ratio Lower Upper
106 100
91 198.9 160.2 240.2





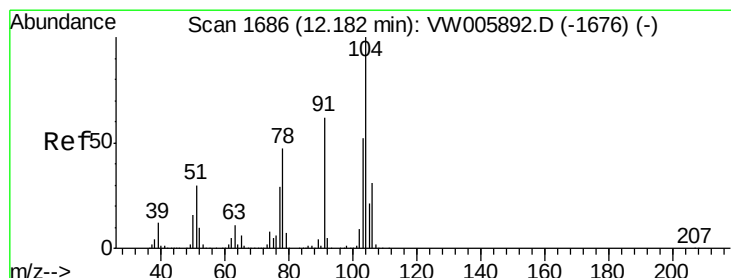
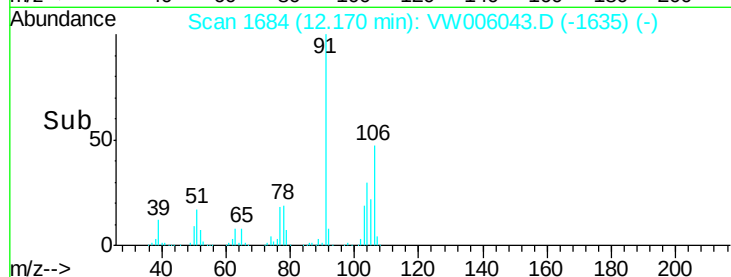
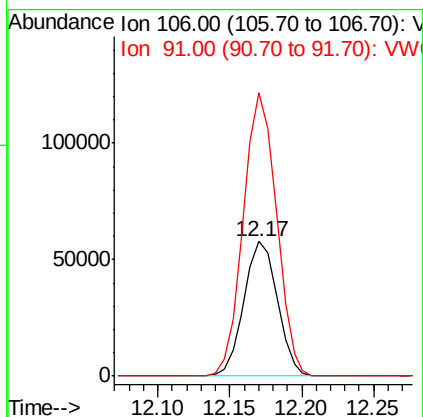
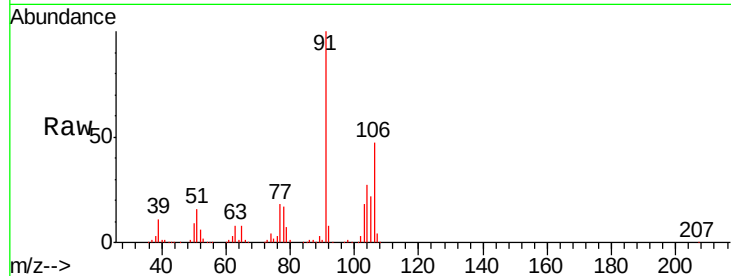
#69
o-Xylene
Concen: 19.75 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion:106 Resp: 93387
Ion Ratio Lower Upper
106 100
91 208.9 106.2 318.5

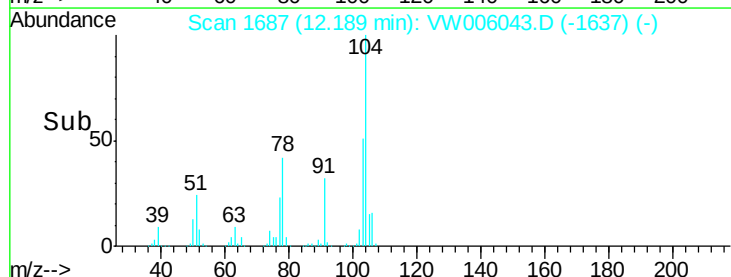
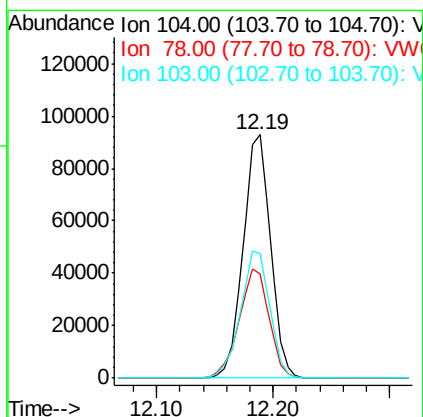
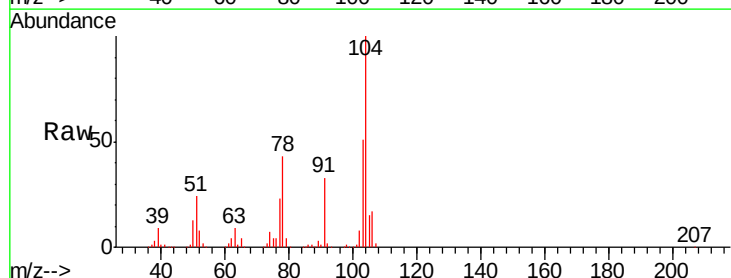
Manual Integrations
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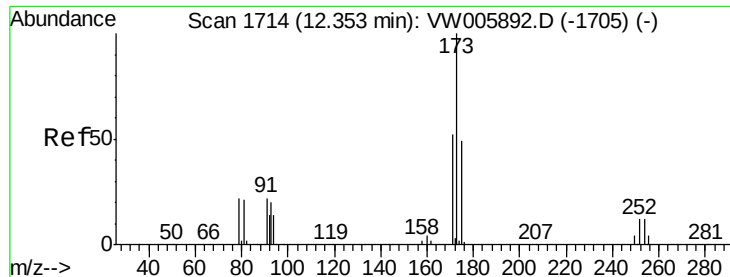
apatel
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#70
Styrene
Concen: 19.47 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion:104 Resp: 152771
Ion Ratio Lower Upper
104 100
78 48.9 40.4 60.6
103 55.9 44.2 66.2





#71

Bromoform

Concen: 16.36 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion:173 Resp: 25565

Ion Ratio Lower Upper

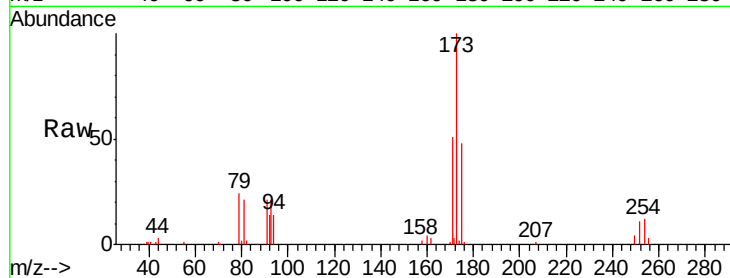
173 100

175 49.4 24.7 74.1

254 0.0 0.2 0.2#

Manual Integrations
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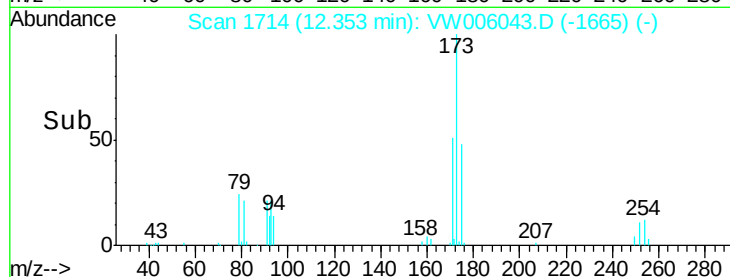


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



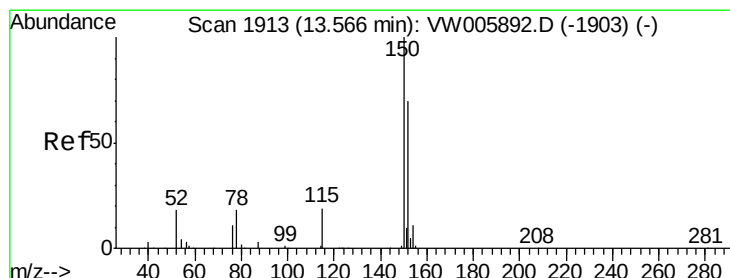
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

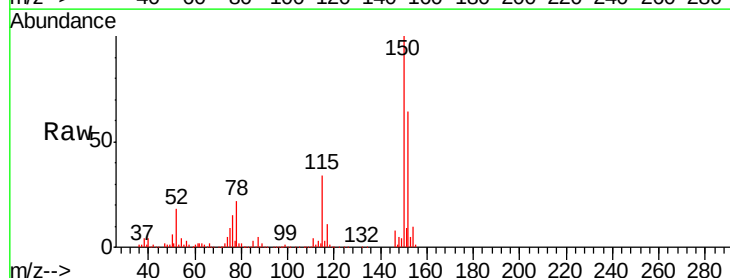
Tgt Ion:152 Resp: 188583

Ion Ratio Lower Upper

152 100

115 55.1 28.3 85.0

150 162.8 0.0 349.2

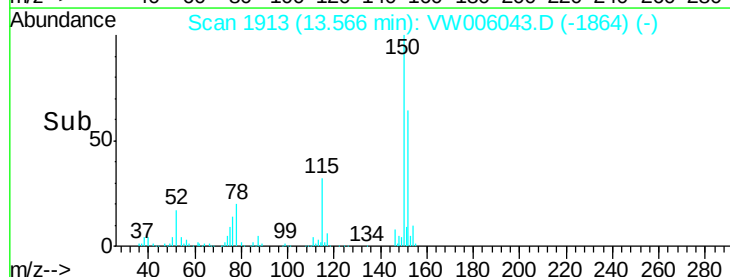


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



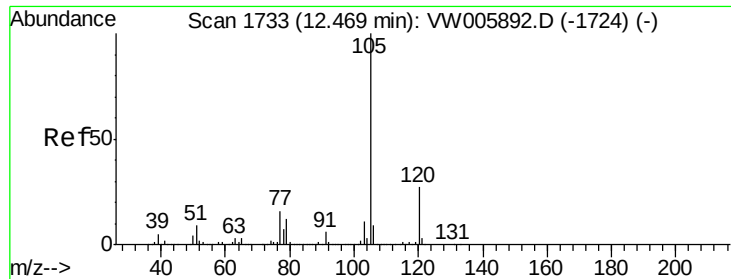
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



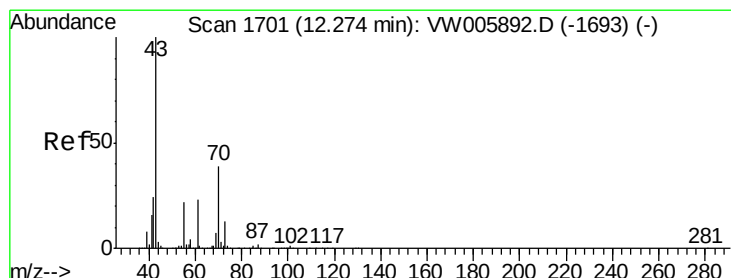
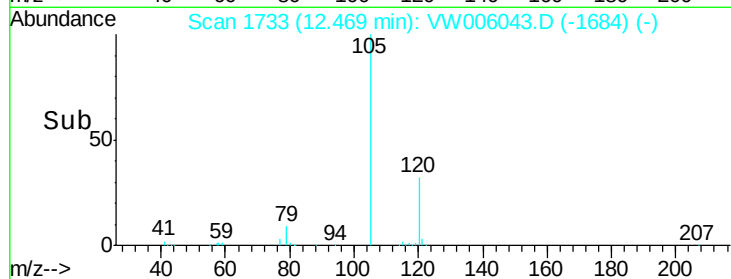
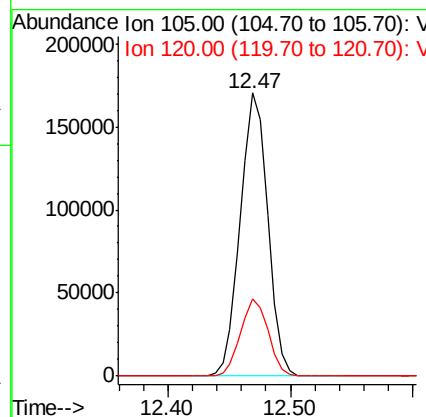
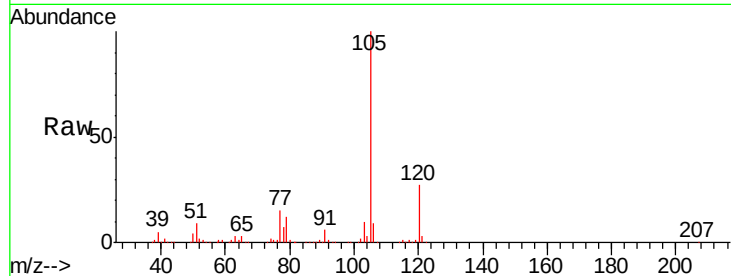
#73
Isopropylbenzene
Concen: 19.25 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.8

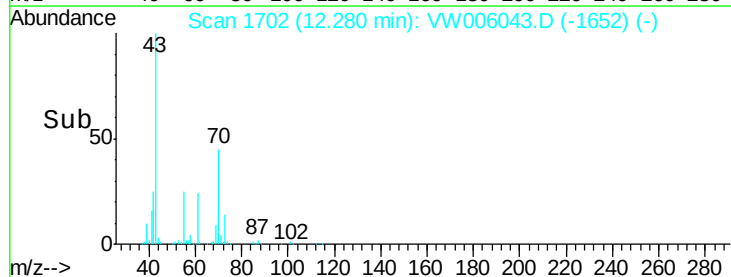
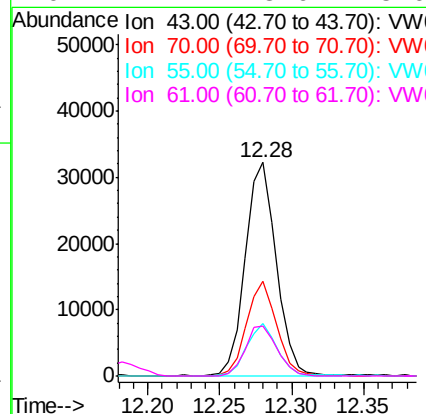
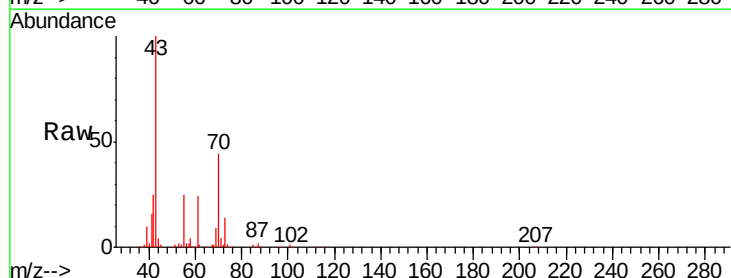
Manual Integrations
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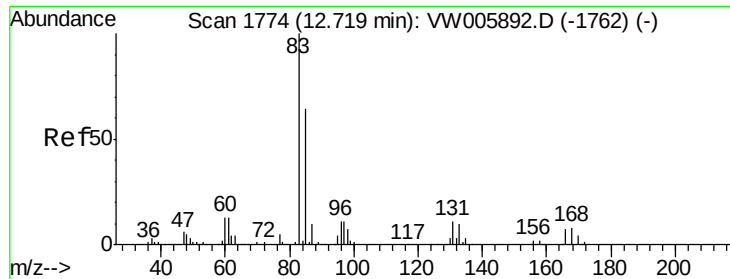
apatel
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#74
N-ethyl acetate
Concen: 14.71 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	31.6	47.4
55	24.3	17.9	26.9
61	24.1	18.6	28.0





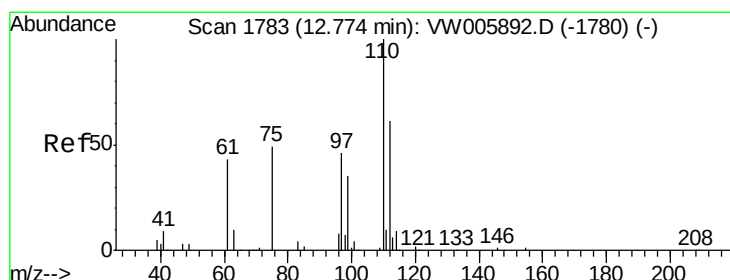
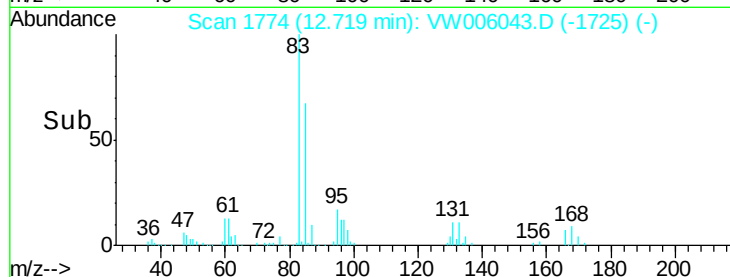
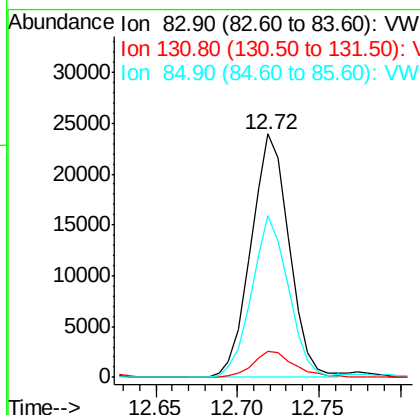
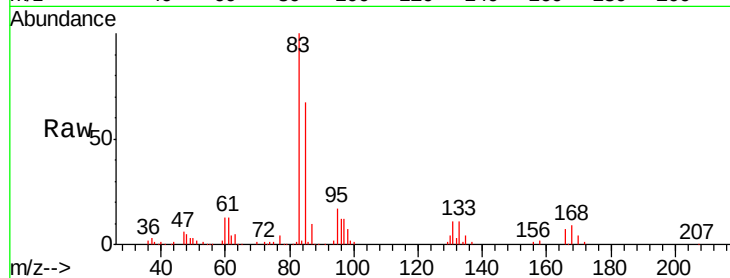
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.29 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.8	17.3
85	64.2	32.4	97.0

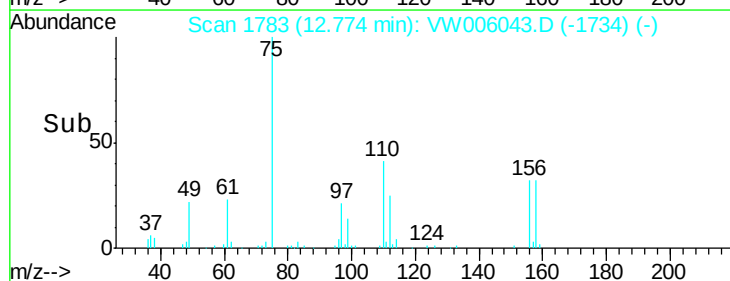
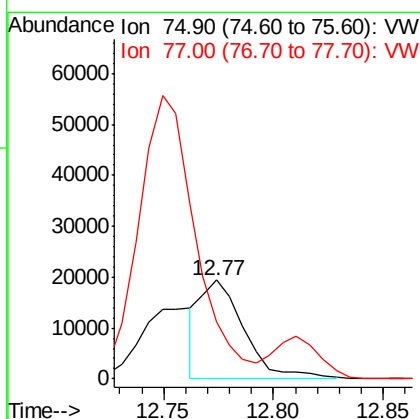
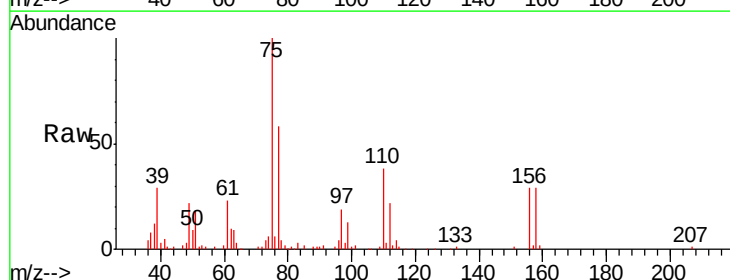
Manual Integrations
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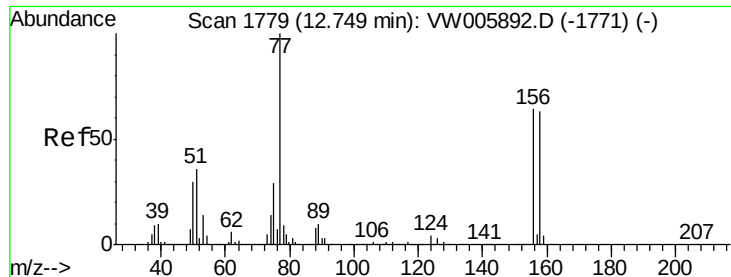
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#76
 1,2,3-Trichloropropane
 Concen: 16.15 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.42 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 156 Resp: 63376

Ion Ratio Lower Upper

156 100

77 158.7 85.8 257.4

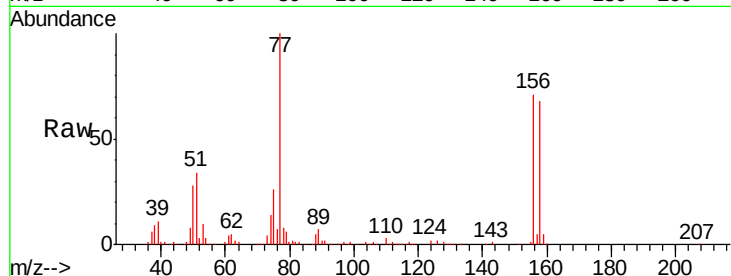
158 98.9 49.1 147.4

Manual Integrations

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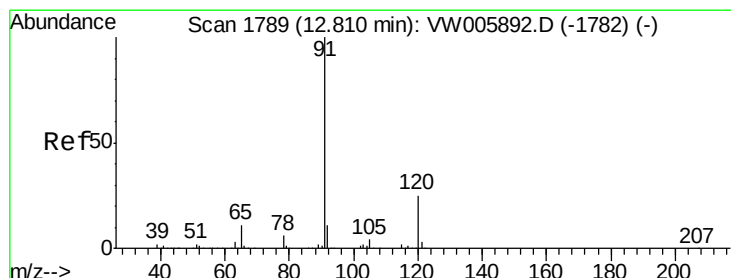
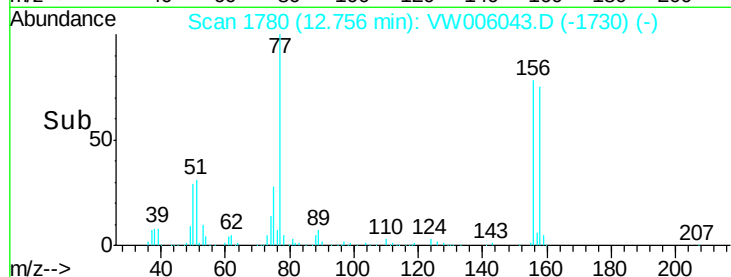
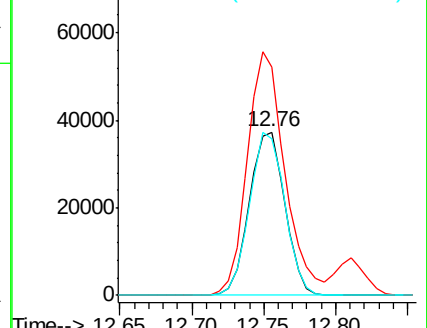
10/15/2018 10:03:20 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.34 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006043.D

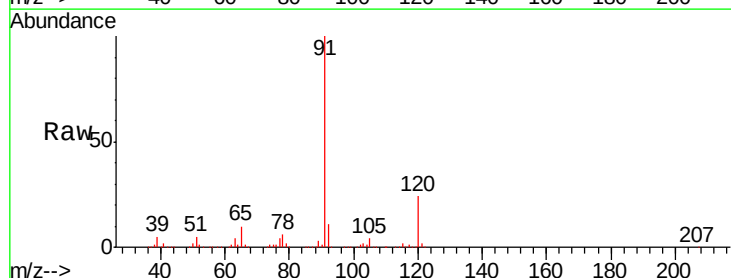
Acq: 12 Oct 2018 12:24

Tgt Ion: 91 Resp: 313262

Ion Ratio Lower Upper

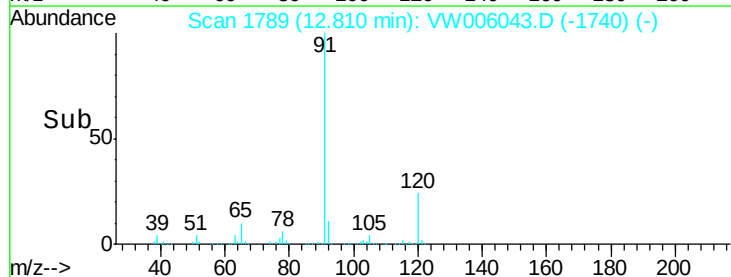
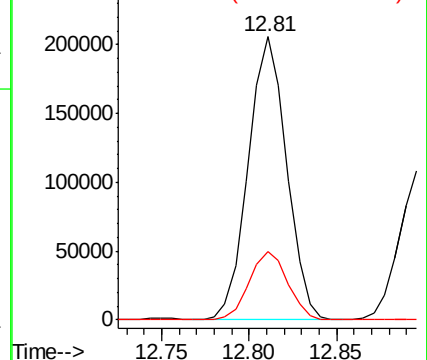
91 100

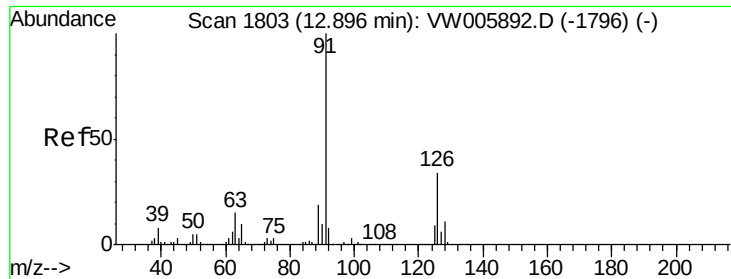
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.02 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006043.D

Acq: 12 Oct 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBS01

Tgt Ion: 91 Resp: 173988

Ion Ratio Lower Upper

91 100

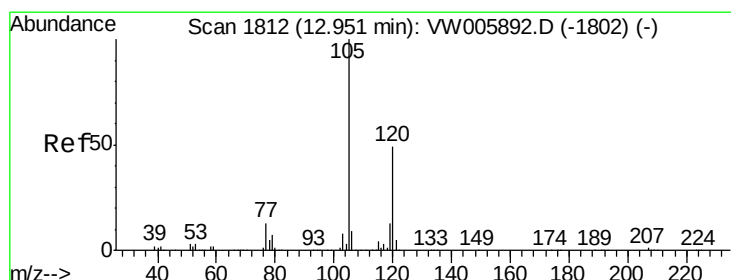
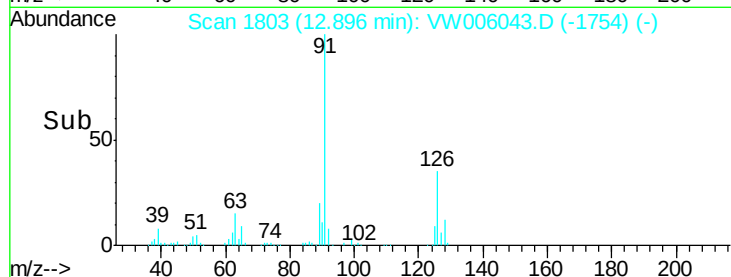
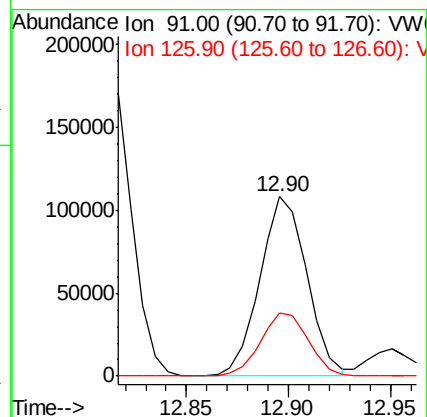
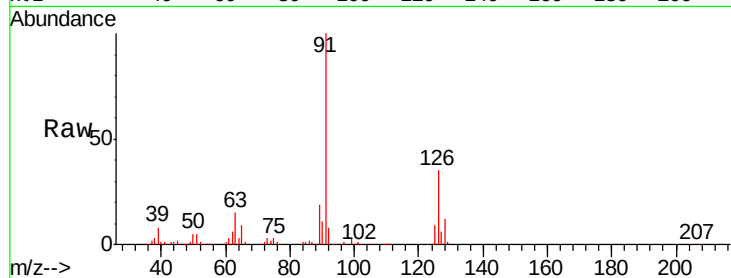
126 36.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.37 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006043.D

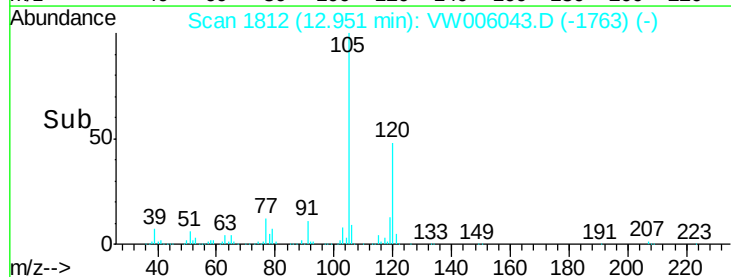
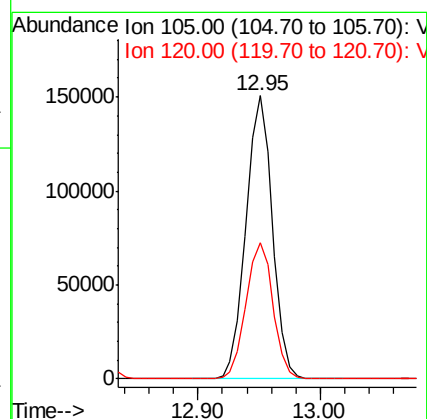
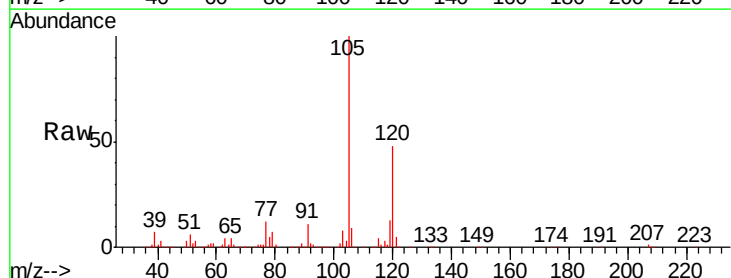
Acq: 12 Oct 2018 12:24

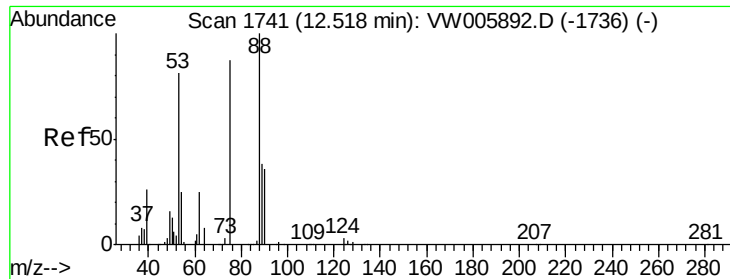
Tgt Ion: 105 Resp: 225194

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.8





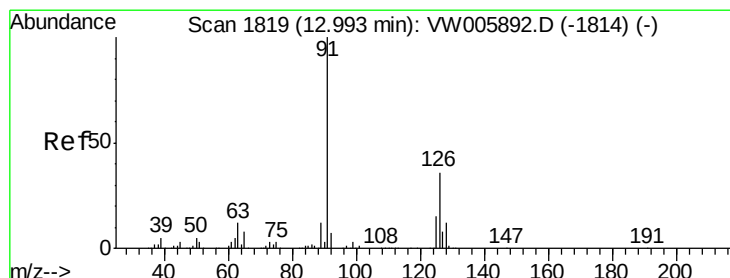
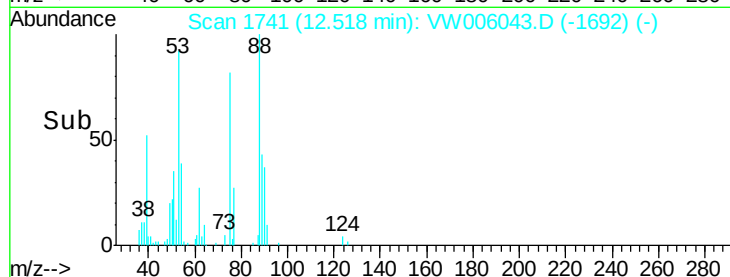
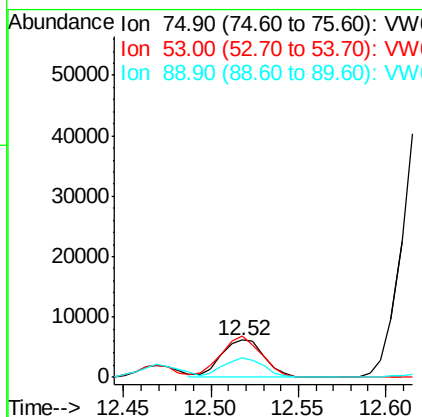
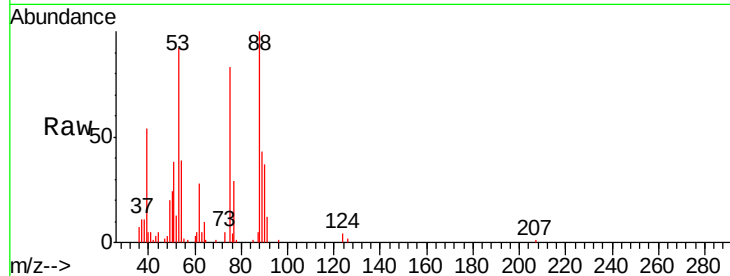
#81
trans-1,4-Dichloro-2-butene
Concen: 13.38 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.1	76.5	114.7
89	48.6	37.6	56.4

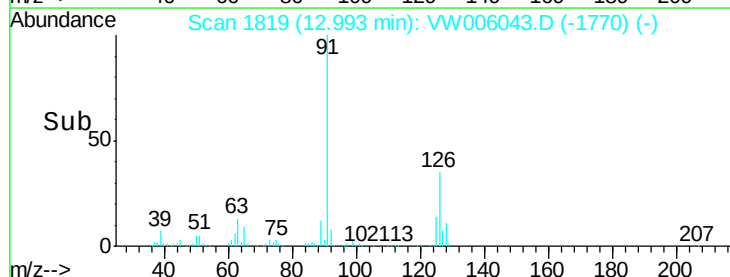
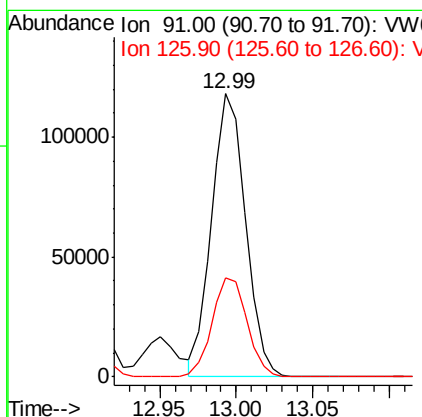
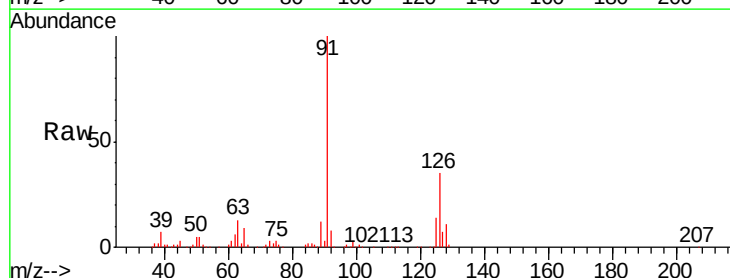
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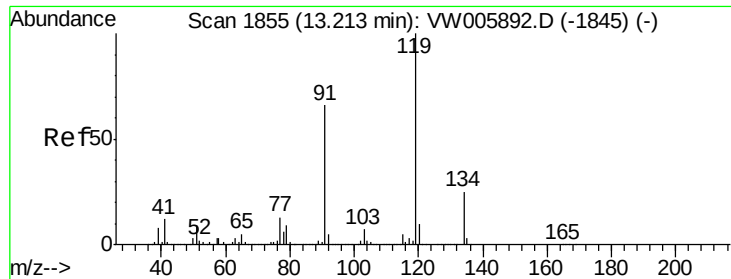
apatel
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#82
4-Chlorotoluene
Concen: 18.97 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.4	52.2





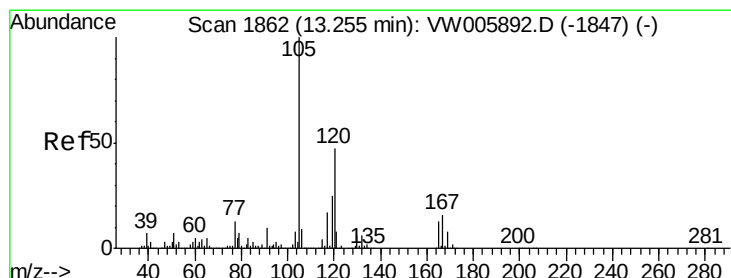
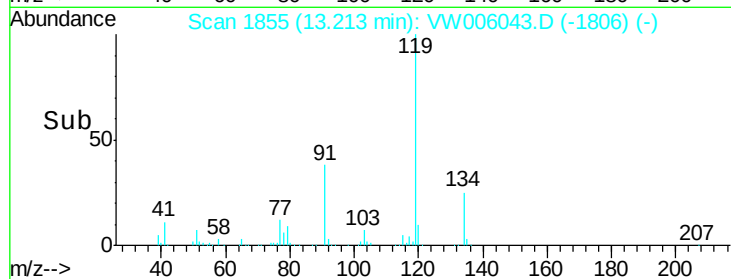
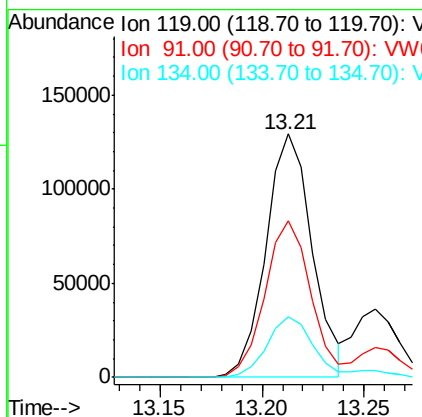
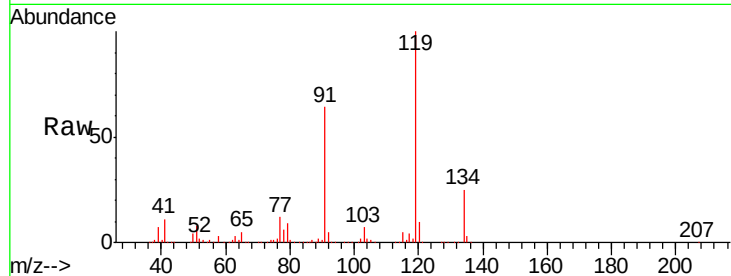
#83
 tert-Butylbenzene
 Concen: 19.78 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	204555		
91	63.2		32.4	97.0
134	24.9		13.2	39.6

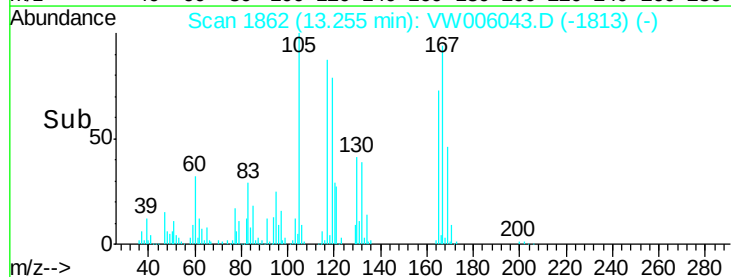
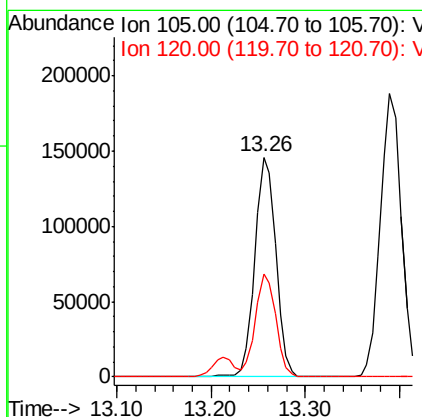
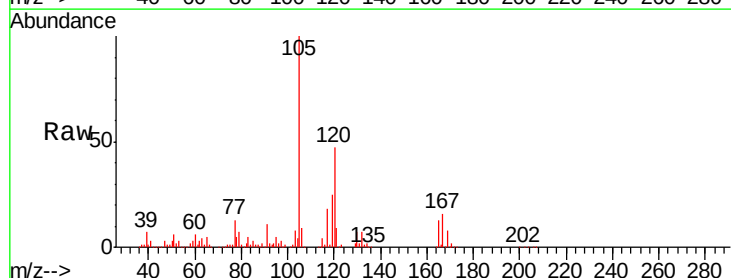
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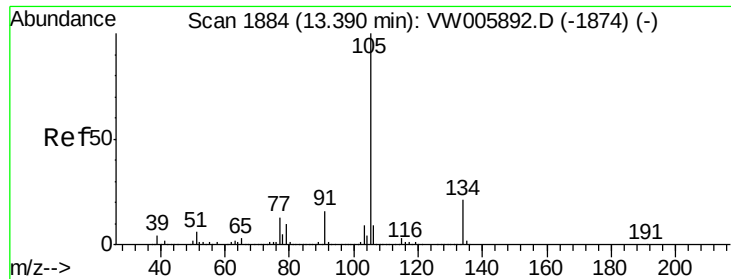
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.45 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228078		
120	45.6		22.8	68.3





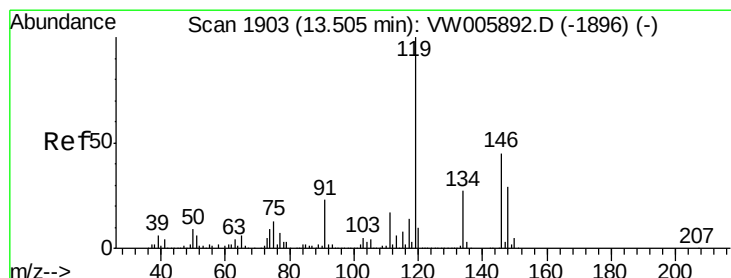
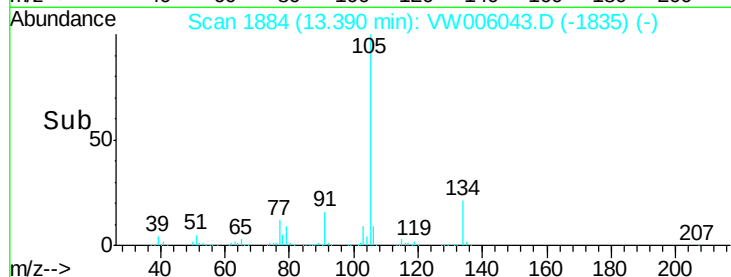
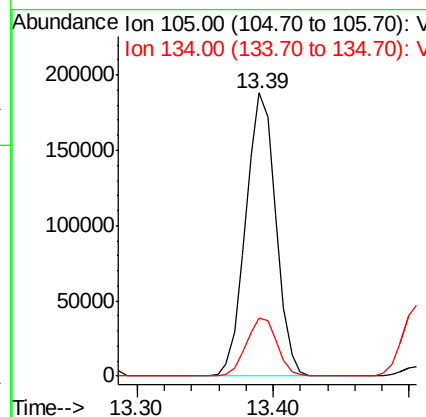
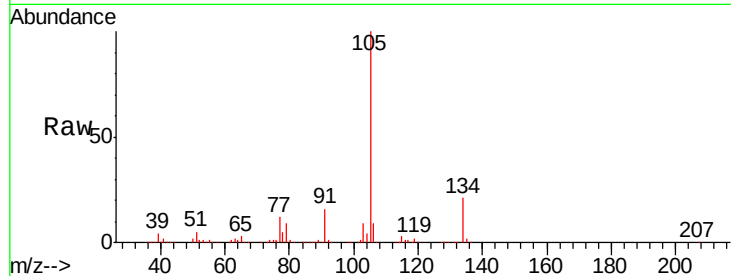
#85
 sec-Butylbenzene
 Concen: 20.07 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291382		
134	20.9	10.4	31.4	

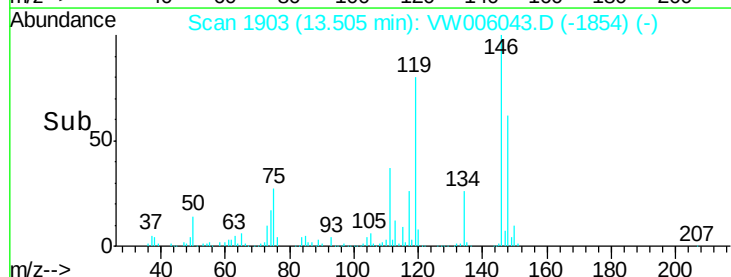
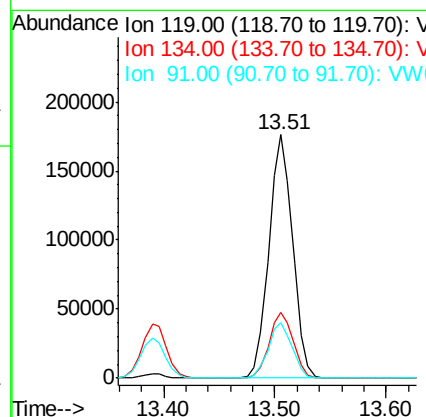
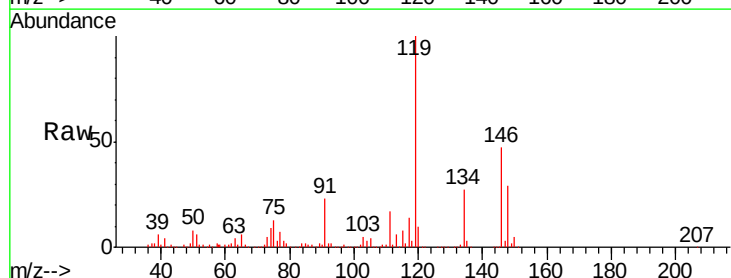
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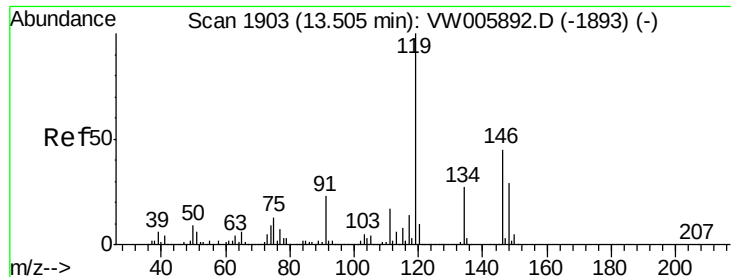
apatel
 10/15/2018 10:03:20 AM



#86
 p-Isopropyltoluene
 Concen: 20.14 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	262893		
134	27.3	13.5	40.5	
91	22.7	11.9	35.5	





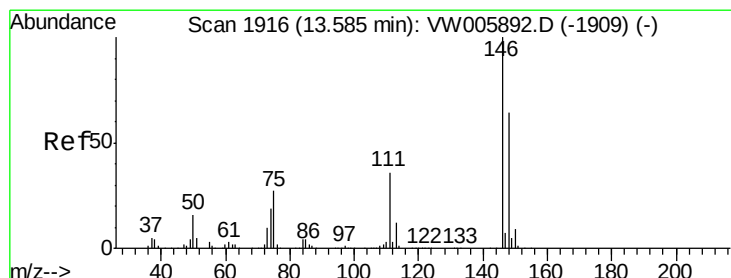
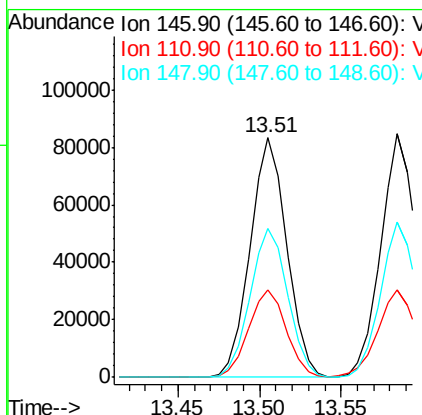
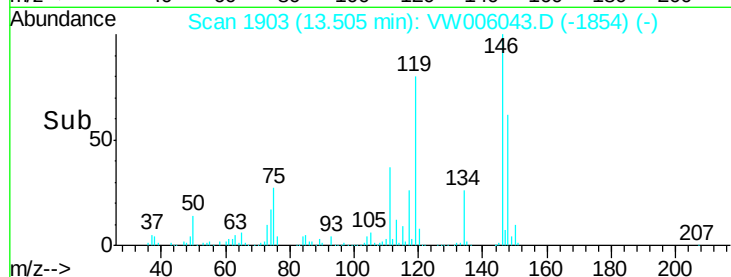
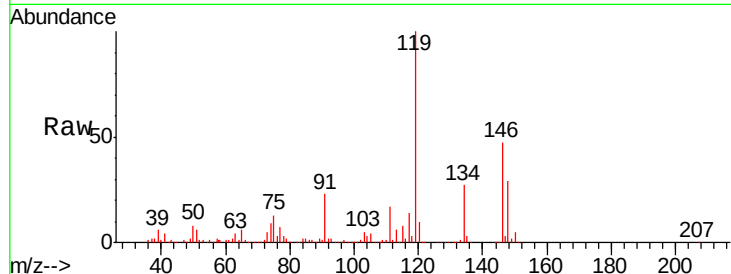
#87
 1,3-Dichlorobenzene
 Concen: 20.13 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.5	58.5
148	63.7	32.1	96.5

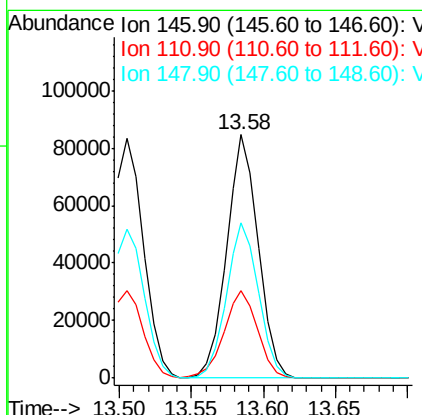
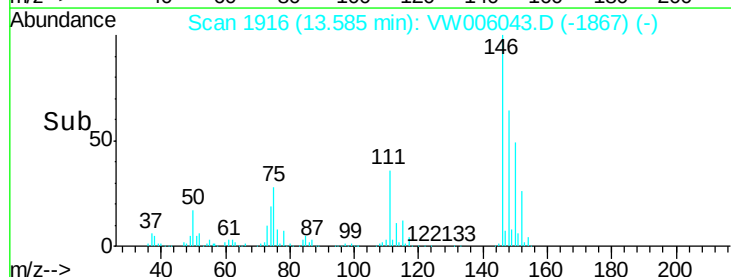
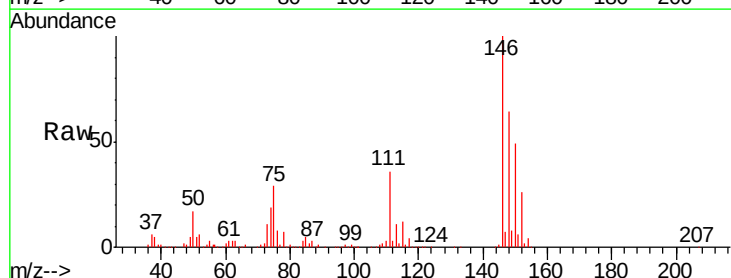
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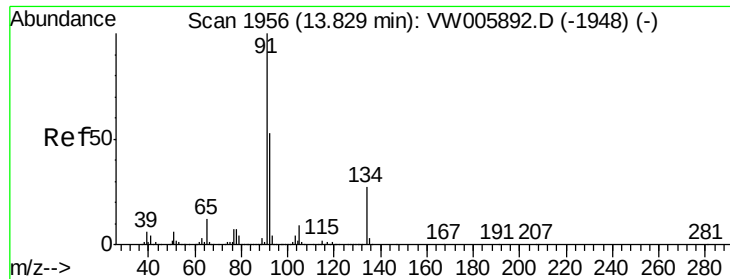
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#88
 1,4-Dichlorobenzene
 Concen: 20.10 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	64.9	32.0	96.2





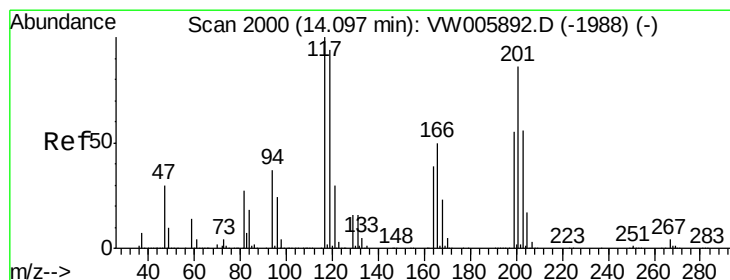
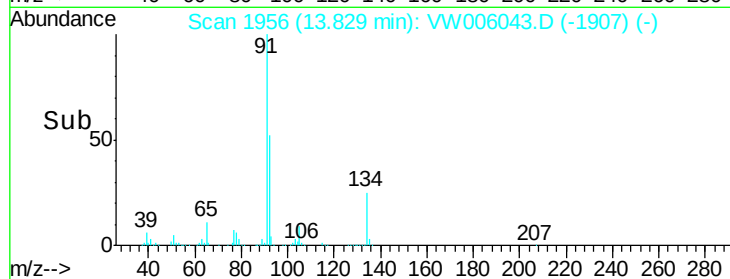
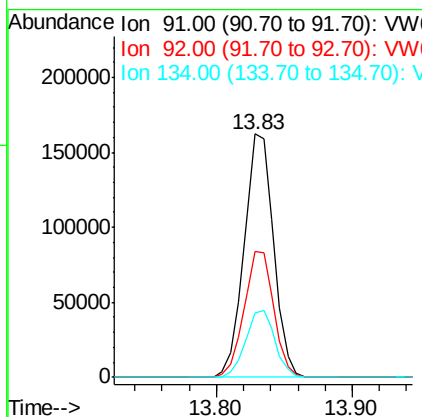
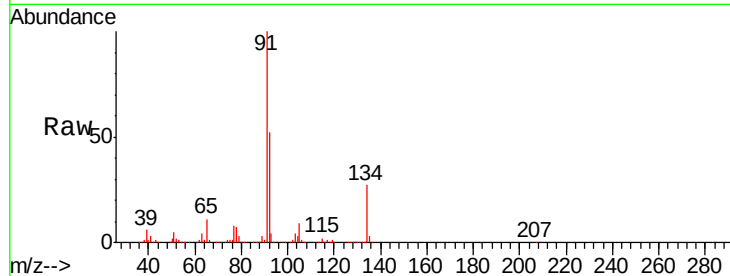
#89
n-Butylbenzene
Concen: 19.94 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.6	79.8
134	27.5	13.8	41.4

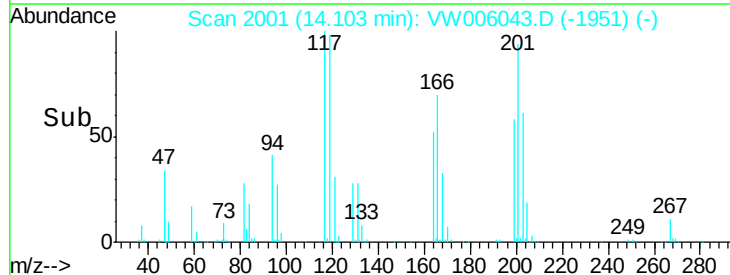
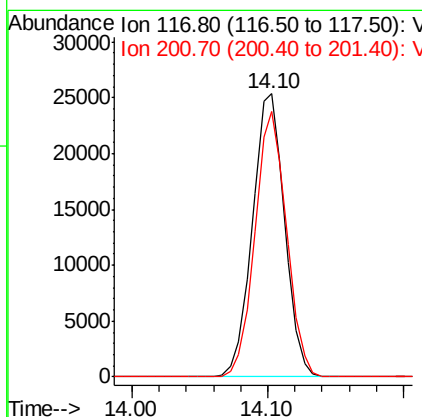
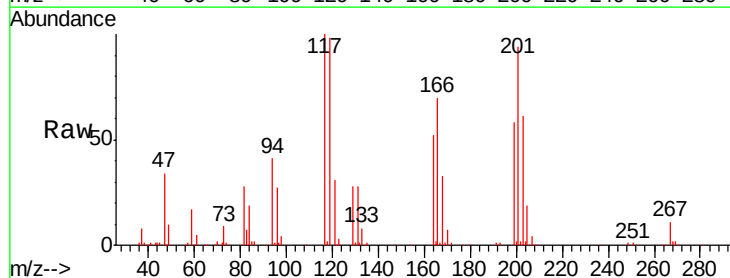
Manual Integrations
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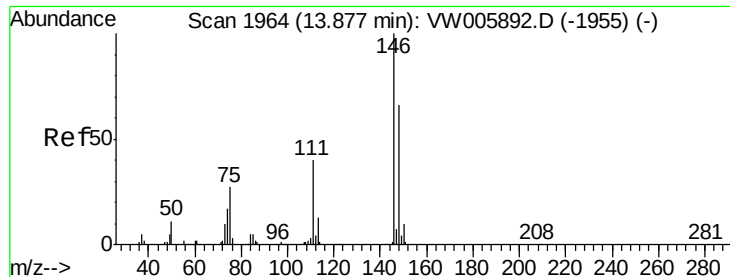
apatel
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#90
Hexachloroethane
Concen: 17.13 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	44.5	133.5





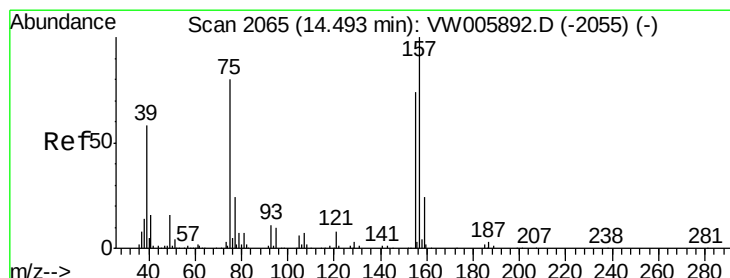
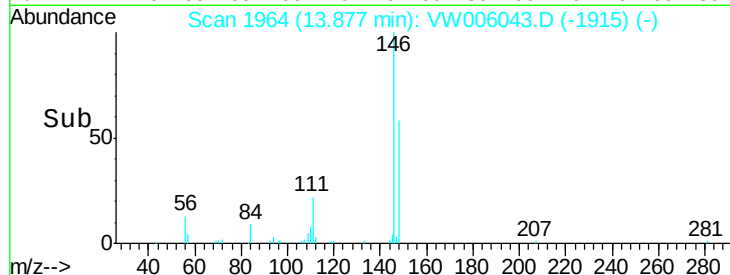
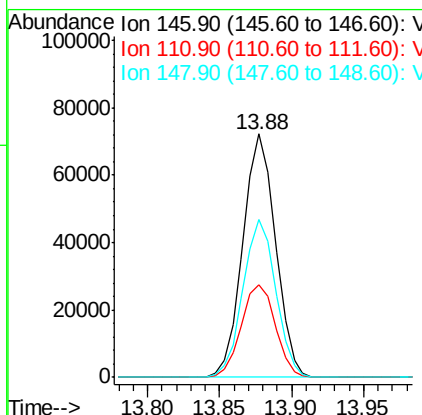
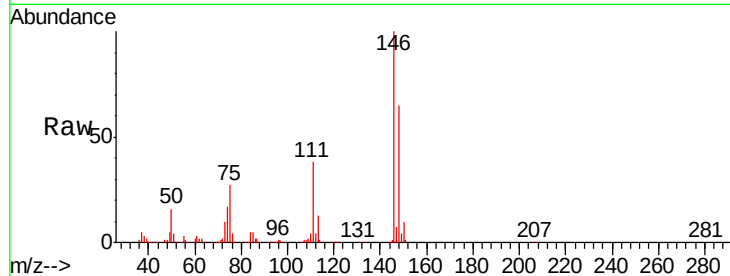
#91
 1,2-Dichlorobenzene
 Concen: 19.75 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113695		
111	39.6	20.3	61.0	
148	65.1	32.5	97.4	

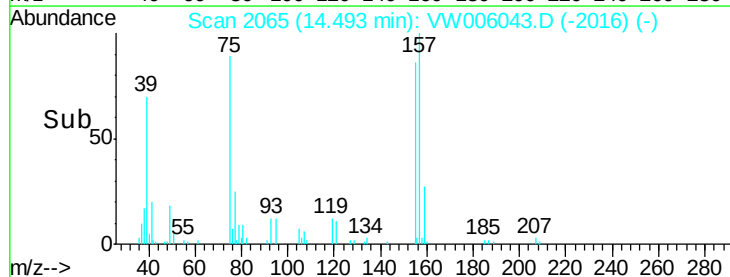
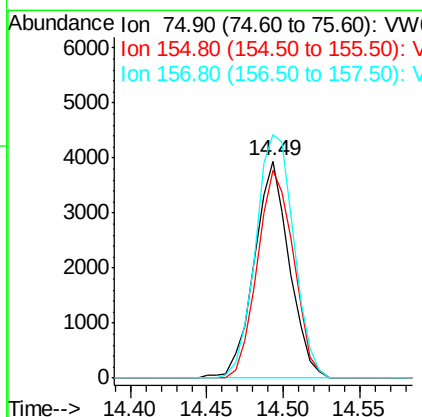
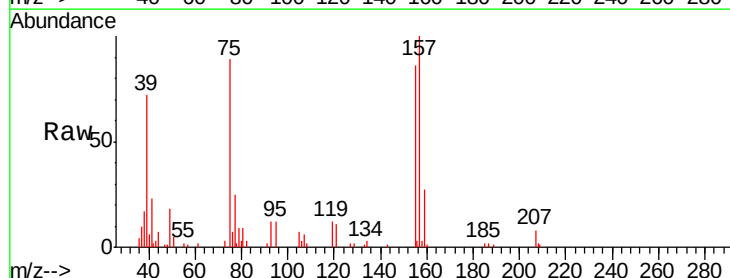
Manual Integrations
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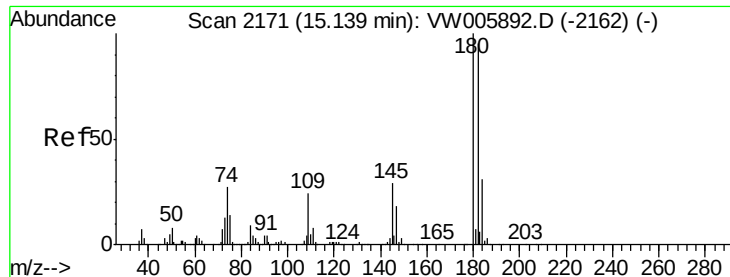
apatel
 10/15/2018 10:03:20 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.94 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	6283		
155	99.0	44.8	134.3	
157	122.3	58.9	176.6	





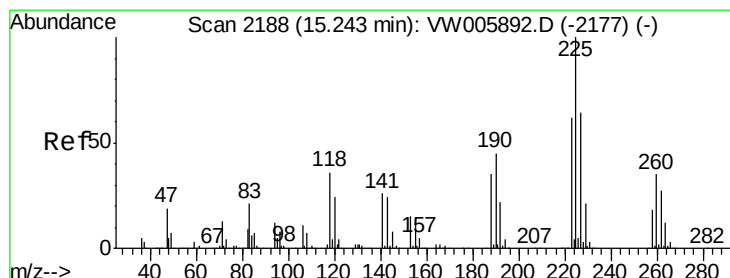
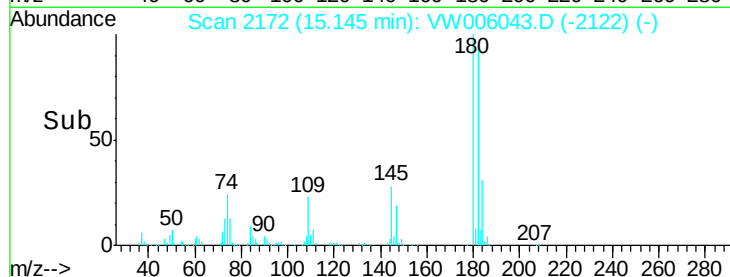
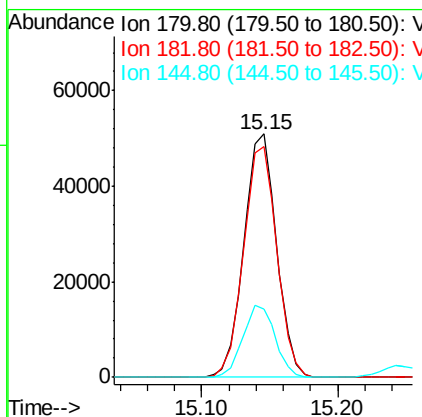
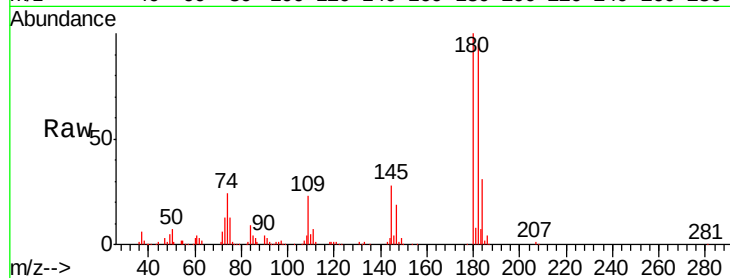
#93
 1,2,4-Trichlorobenzene
 Concen: 19.15 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85445		
182	96.7	47.8	143.3	
145	29.3	14.5	43.6	

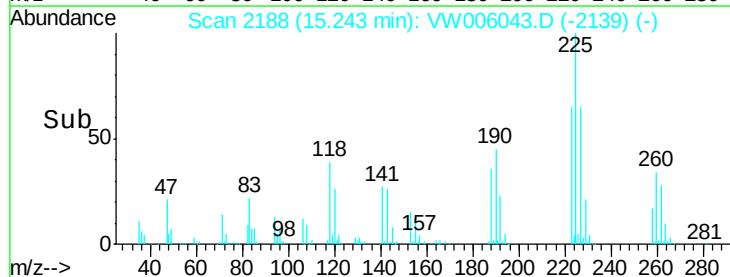
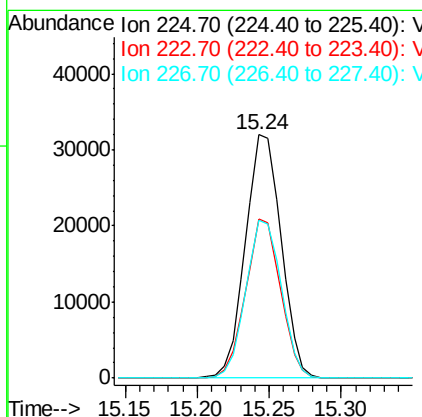
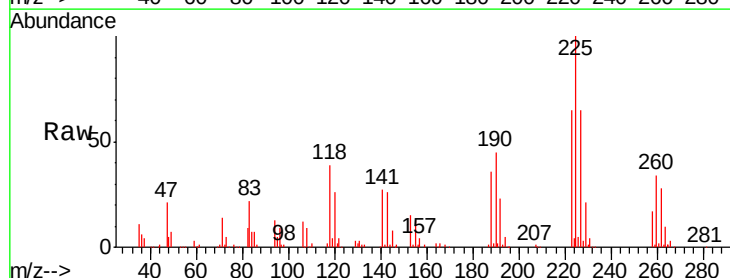
Manual Integrations
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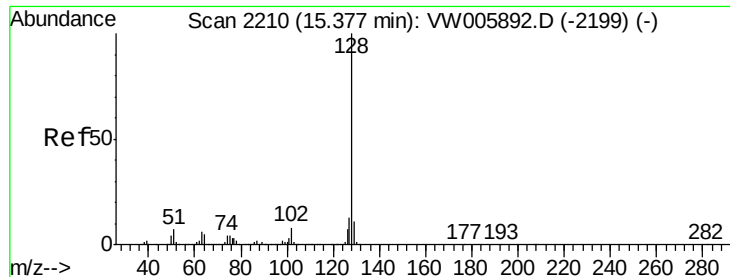
apatel
 10/15/2018 10:03:20 AM



#94
 Hexachlorobutadiene
 Concen: 19.72 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006043.D
 Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54931		
223	63.8	31.2	93.6	
227	64.3	31.9	95.9	





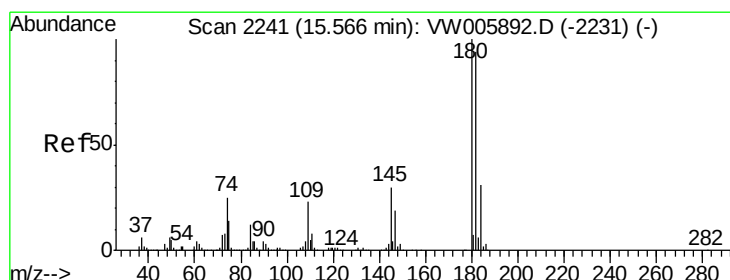
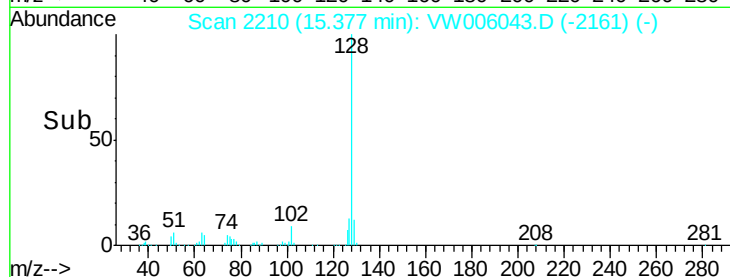
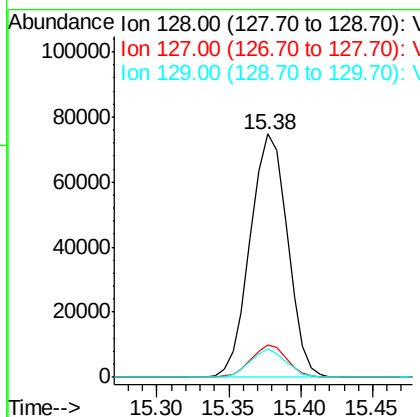
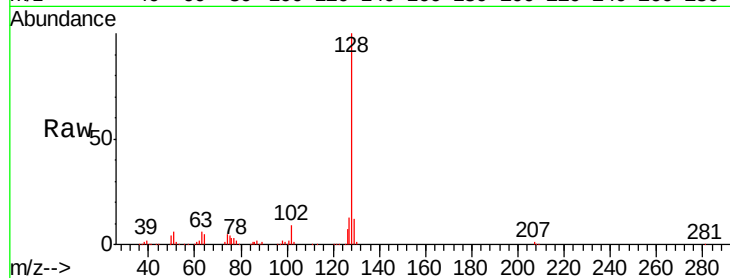
#95
Naphthalene
Concen: 17.52 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	134772		
127	12.7	10.5	15.7	
129	11.2	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.65 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006043.D
Acq: 12 Oct 2018 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72054		
182	95.9	47.6	142.8	
145	31.1	15.3	45.9	

