

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101518\
 Data File : VW006069.D
 Acq On : 15 Oct 2018 20:29
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVWV101518

Manual Integrations
 APPROVED

apatel
 10/16/2018 10:34:10 AM

Quant Time: Oct 16 05:40:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293329	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	431029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	398226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124652	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.89	113	125336	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.33	98	476969	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	185054	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	76709	52.846	ug/l	93
3) Chloromethane	2.22	50	94106	50.365	ug/l	100
4) Vinyl Chloride	2.37	62	136307	51.082	ug/l	100
5) Bromomethane	2.79	94	120729	49.744	ug/l	98
6) Chloroethane	2.93	64	97142	50.800	ug/l	100
7) Trichlorofluoromethane	3.26	101	123661	49.747	ug/l	99
8) Diethyl Ether	3.68	74	68434	51.801	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	129561	49.734	ug/l	97
10) Methyl Iodide	4.27	142	222921	51.413	ug/l	100
11) Tert butyl alcohol	5.22	59	42713	261.157	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	122244	49.878	ug/l	92
13) Acrolein	3.90	56	37609	237.641	ug/l	94
14) Allyl chloride	4.67	41	178646	50.978	ug/l	99
15) Acrylonitrile	5.38	53	126282	266.505	ug/l	100
16) Acetone	4.15	43	114794	251.715	ug/l	99
17) Carbon Disulfide	4.38	76	374672	50.653	ug/l	99
18) Methyl Acetate	4.68	43	64513	52.715	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	196245	52.572	ug/l	98
20) Methylene Chloride	4.92	84	131364	51.087	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	137807	50.375	ug/l	99
22) Diisopropyl ether	6.32	45	364416	52.623	ug/l	99
23) Vinyl Acetate	6.26	43	1099402	269.008	ug/l	100
24) 1,1-Dichloroethane	6.22	63	230408	51.563	ug/l	100
25) 2-Butanone	7.18	43	166814	253.917	ug/l	98
26) 2,2-Dichloropropane	7.17	77	150505	47.755	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	155323	51.451	ug/l	99
28) Bromochloromethane	7.51	49	95039	55.092	ug/l	98
29) Tetrahydrofuran	7.54	42	109013	269.954	ug/l	99
30) Chloroform	7.68	83	251370	51.632	ug/l	98
31) Cyclohexane	7.96	56	205842	46.257	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	219430	49.966	ug/l	99
36) 1,1-Dichloropropene	8.09	75	192706	48.505	ug/l	99
37) Ethyl Acetate	7.26	43	78243	53.007	ug/l	99
38) Carbon Tetrachloride	8.07	117	213056	48.919	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	252954	47.898	ug/l	98
40) Benzene	8.33	78	541639	49.701	ug/l	100
41) Methacrylonitrile	7.49	41	47516	53.399	ug/l	99
42) 1,2-Dichloroethane	8.40	62	164882	51.497	ug/l	99
43) Isopropyl Acetate	8.43	43	160115	53.052	ug/l	98
44) Trichloroethene	9.10	130	164544	49.214	ug/l	99
45) 1,2-Dichloropropane	9.37	63	130856	50.179	ug/l	99
46) Dibromomethane	9.46	93	76608	51.542	ug/l	98
47) Bromodichloromethane	9.65	83	184366	51.163	ug/l	98
48) Methyl methacrylate	9.44	41	77220	53.977	ug/l	98
49) 1,4-Dioxane	9.48	88	24221	1058.546	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	402529	266.195	ug/l	100
52) Toluene	10.39	92	364935	49.948	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	189967	52.912	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	209945	50.951	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	107274	51.575	ug/l	99
56) Ethyl methacrylate	10.65	69	136363	53.479	ug/l	99
57) 1,3-Dichloropropane	10.94	76	177113	51.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	258072	264.874	ug/l	100
59) 2-Hexanone	10.98	43	280764	260.103	ug/l	99
60) Dibromochloromethane	11.13	129	137010	52.884	ug/l	99
61) 1,2-Dibromoethane	11.24	107	108281	52.102	ug/l	100
64) Tetrachloroethene	10.87	164	150102	48.554	ug/l	99
65) Chlorobenzene	11.66	112	420133	49.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	153452	50.652	ug/l	100
67) Ethyl Benzene	11.74	91	724506	49.040	ug/l	99
68) m/p-Xylenes	11.85	106	573615	98.232	ug/l	100
69) o-Xylene	12.17	106	276864	49.750	ug/l	100
70) Styrene	12.19	104	456431	50.436	ug/l	100
71) Bromoform	12.35	173	90861	53.770	ug/l #	99
73) Isopropylbenzene	12.47	105	772501	48.421	ug/l	100
74) N-amyl acetate	12.28	43	164236	53.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	128071	52.780	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102502m	59.427	ug/l	
77) Bromobenzene	12.76	156	195115	49.932	ug/l	99
78) n-propylbenzene	12.81	91	892997	48.112	ug/l	100
79) 2-Chlorotoluene	12.90	91	507203	48.636	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	655847	48.764	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	37986	52.643	ug/l	99
82) 4-Chlorotoluene	12.99	91	536193	49.083	ug/l	100
83) tert-Butylbenzene	13.21	119	584979	48.614	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	670092	49.237	ug/l	100
85) sec-Butylbenzene	13.39	105	821104	48.301	ug/l	99
86) p-Isopropyltoluene	13.51	119	741840	48.246	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	385392	49.557	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	378931	48.938	ug/l	100
89) n-Butylbenzene	13.83	91	679165	48.297	ug/l	99
90) Hexachloroethane	14.10	117	129371	49.672	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	345509	49.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22501	51.793	ug/l	98

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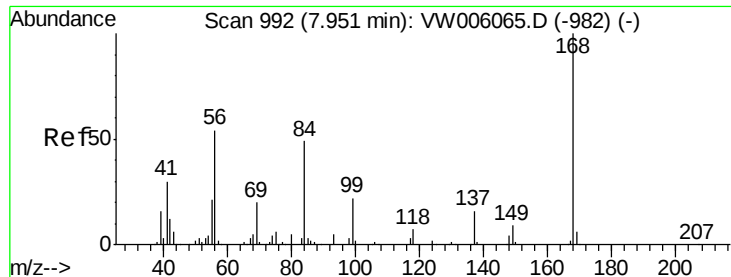
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	259978	48.708	ug/l	100
94) Hexachlorobutadiene	15.24	225	160059	47.736	ug/l	100
95) Naphthalene	15.38	128	459340	51.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	229693	49.753	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

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ClientSampleId :

ICVW101518

Tot Ion:168 Resp: 293329

Ion Ratio Lower Upper

168 100

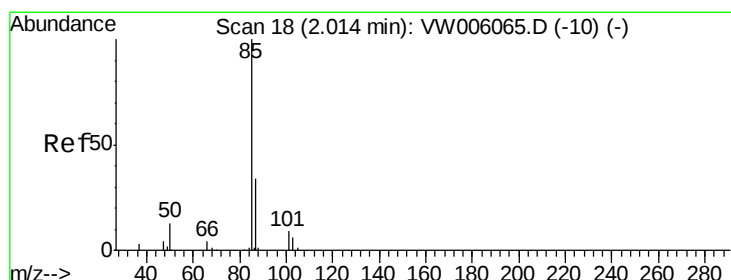
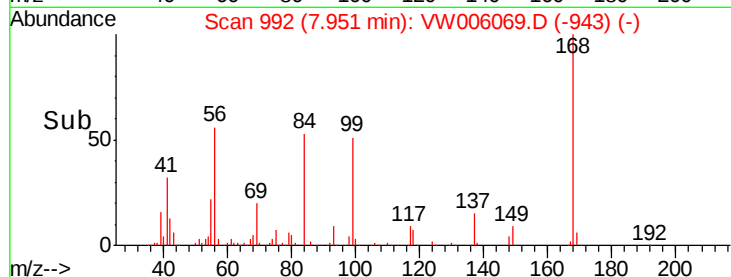
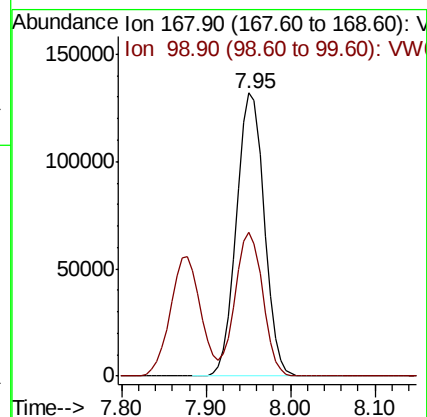
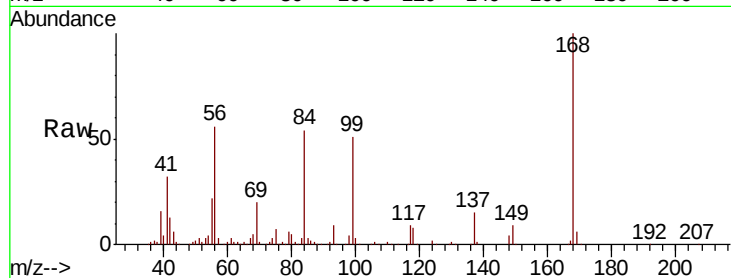
99 50.8 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 52.846 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW006069.D

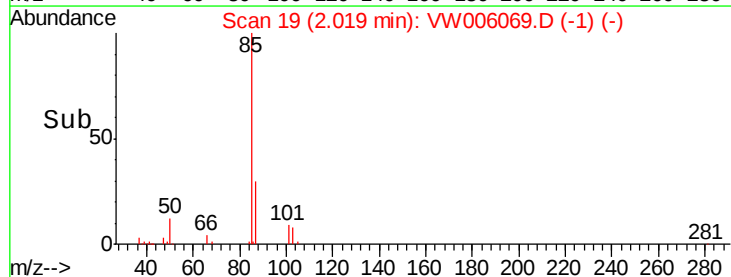
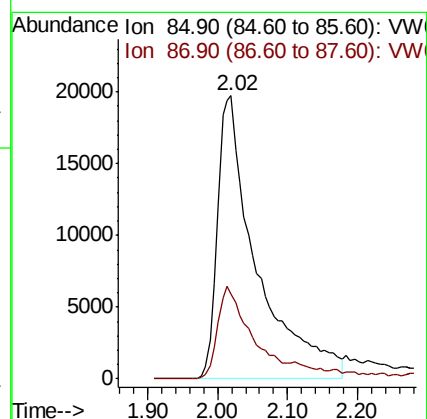
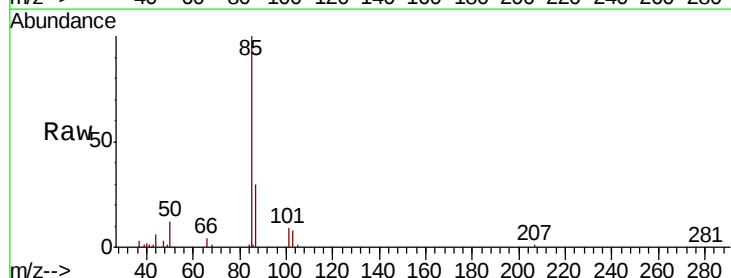
Acq: 15 Oct 2018 20:29

Tgt Ion: 85 Resp: 76709

Ion Ratio Lower Upper

85 100

87 29.9 16.9 50.6





#3

Chloromethane

Concen: 50.365 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 50 Resp: 94106

Ion Ratio Lower Upper

50 100

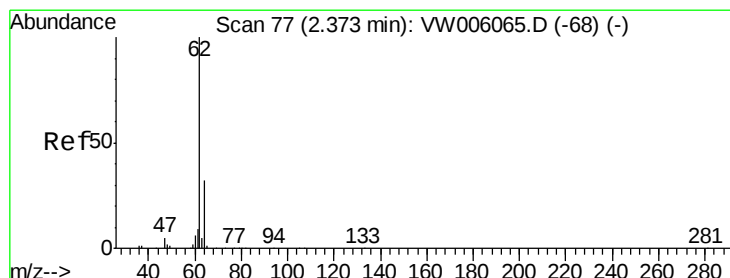
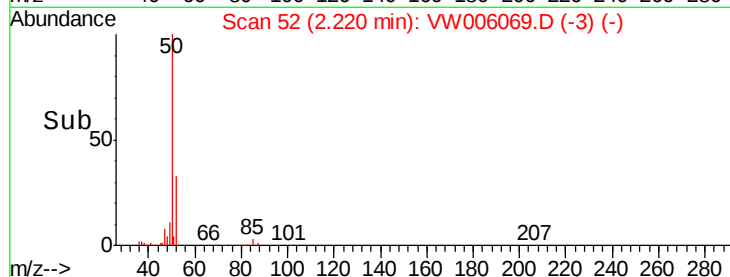
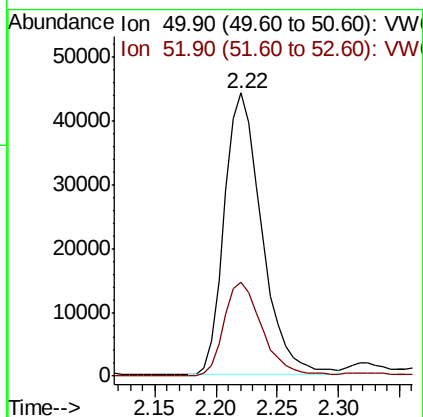
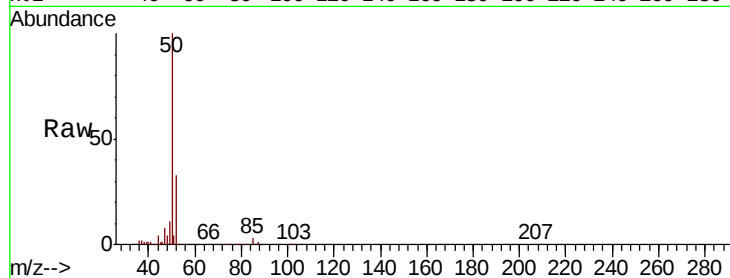
52 33.4 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.082 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006069.D

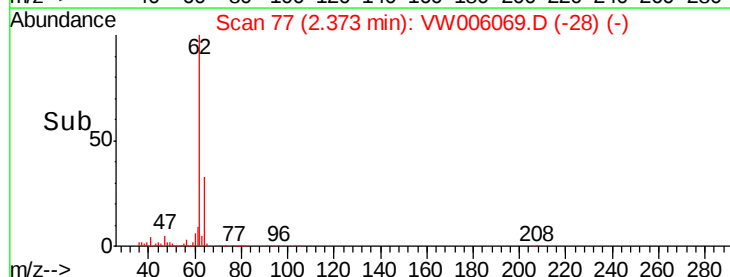
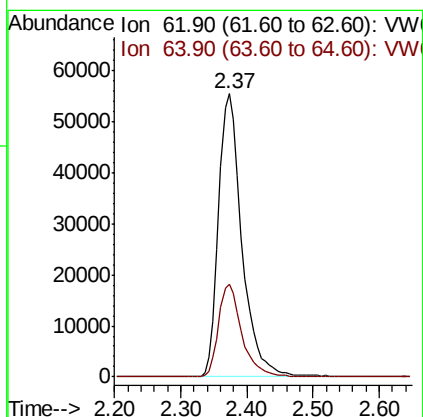
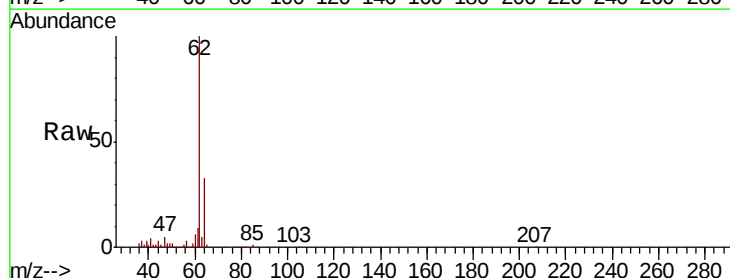
Acq: 15 Oct 2018 20:29

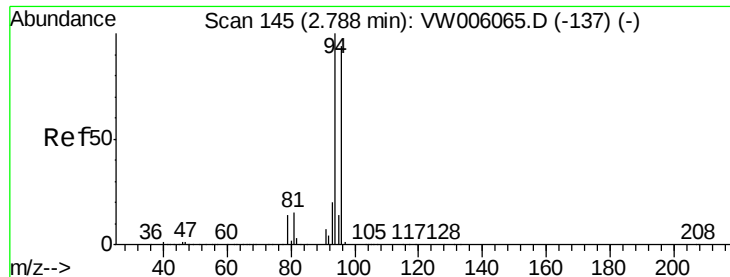
Tgt Ion: 62 Resp: 136307

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 49.744 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 94 Resp: 120729

Ion Ratio Lower Upper

94 100

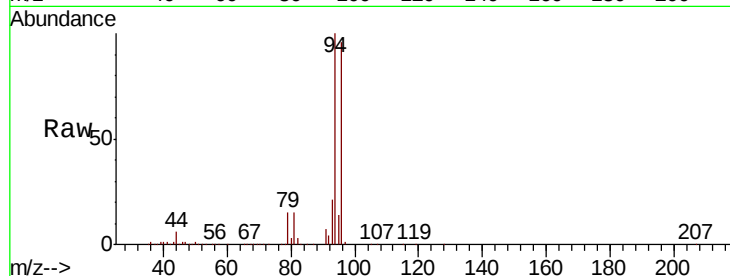
96 95.5 74.9 112.3

Manual Integrations

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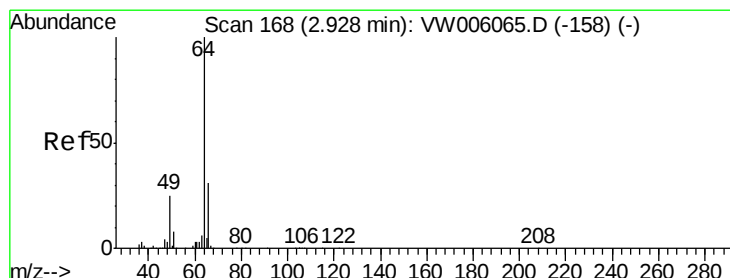
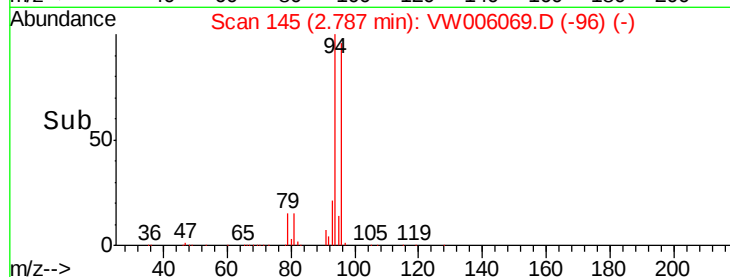
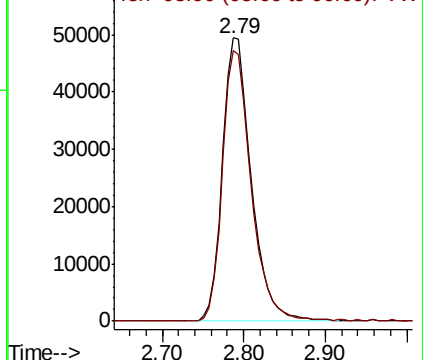
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 50.800 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006069.D

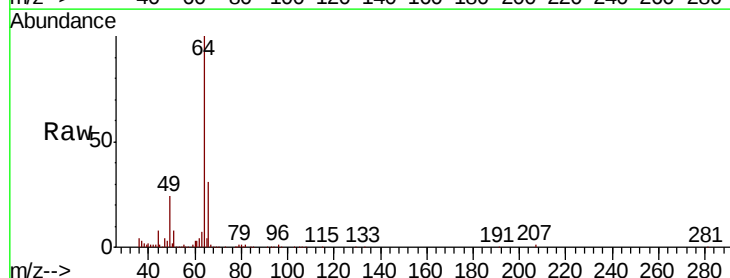
Acq: 15 Oct 2018 20:29

Tgt Ion: 64 Resp: 97142

Ion Ratio Lower Upper

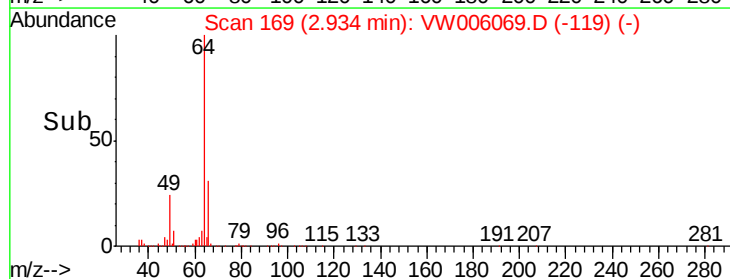
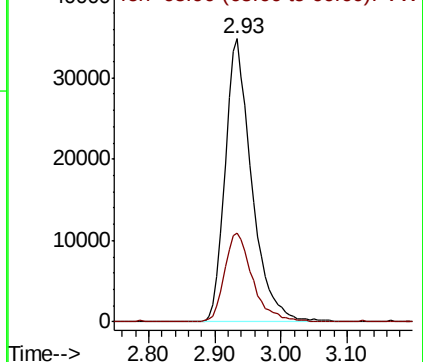
64 100

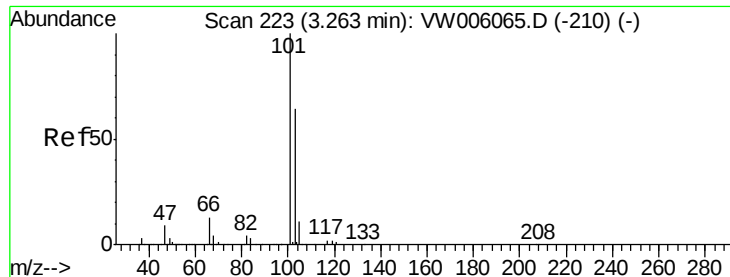
66 31.2 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

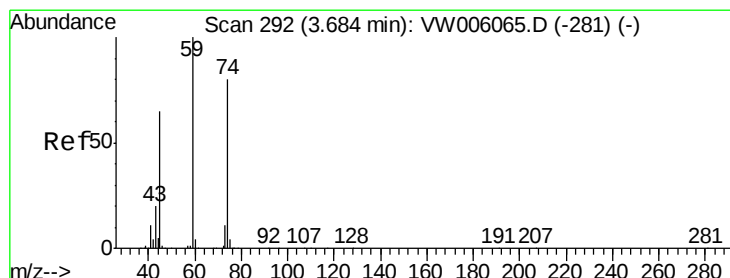
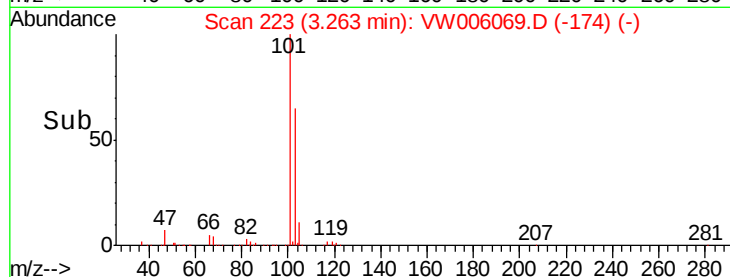
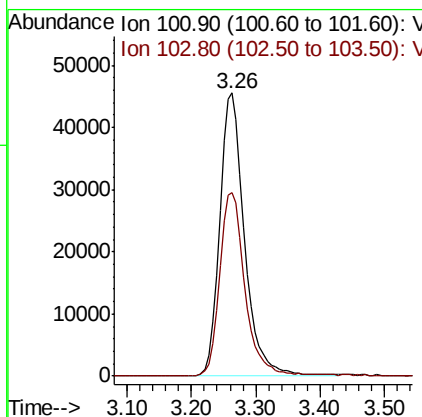
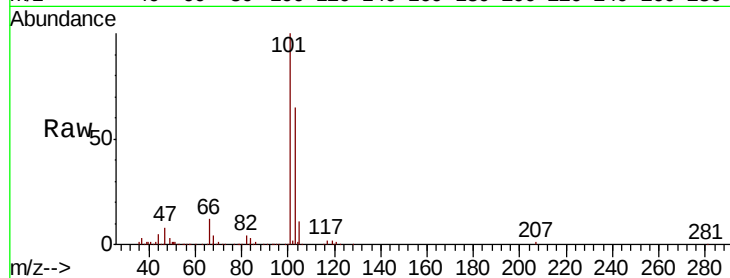
Trichlorofluoromethane
Concen: 49.747 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	123661		
103	65.0	51.2	76.8	

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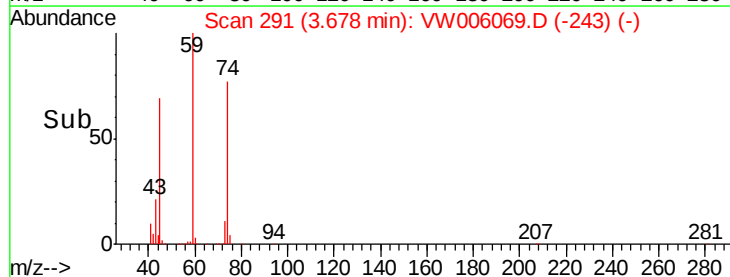
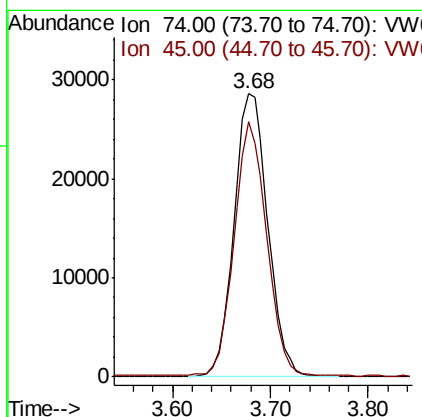
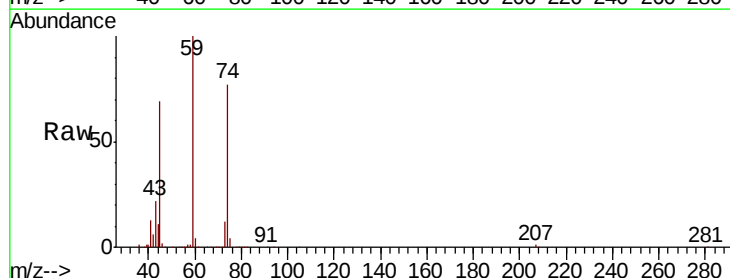
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10/16/2018 10:34:10 AM



#8

Diethyl Ether
Concen: 51.801 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	68434		
45	85.8	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.734 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

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MSVOA_W

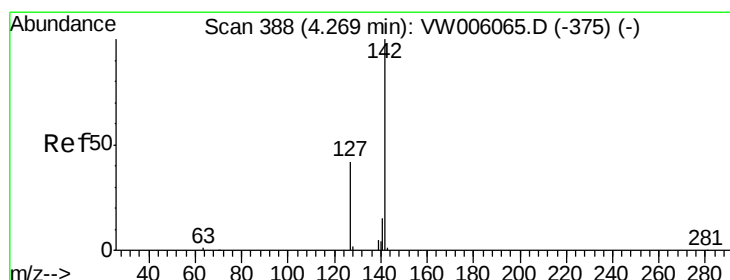
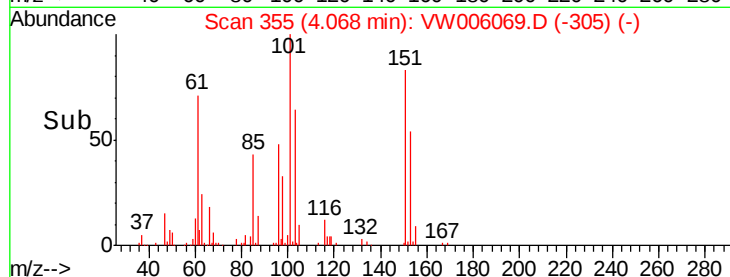
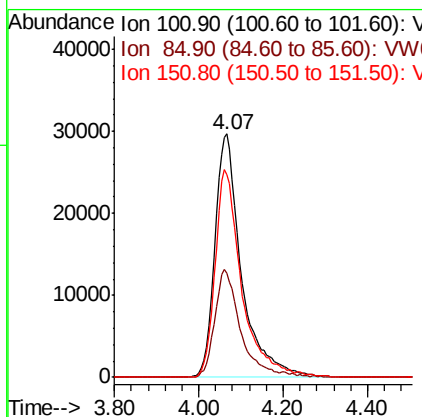
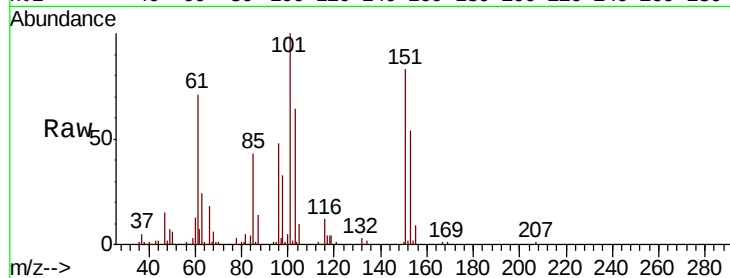
ClientSampleId :

ICVW101518

Tot Ion:	101	Resp:	129561
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	84.4	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 51.413 ug/l

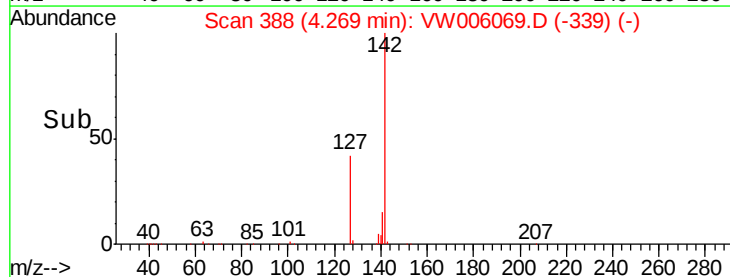
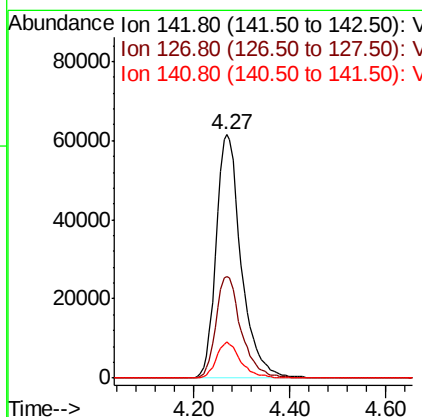
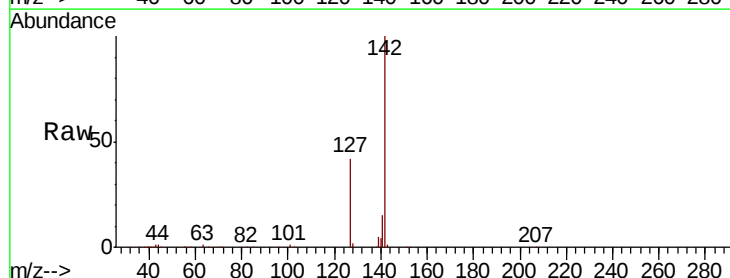
RT: 4.27 min Scan# 388

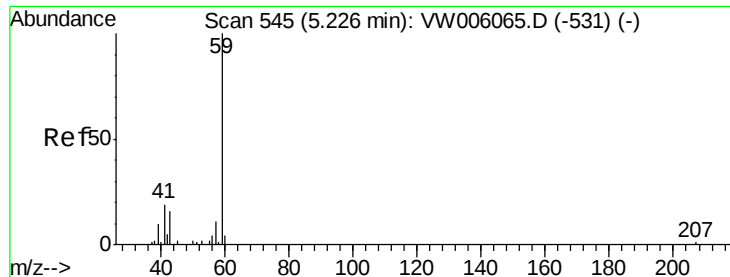
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	142	Resp:	222921
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.4	11.6	17.4





#11

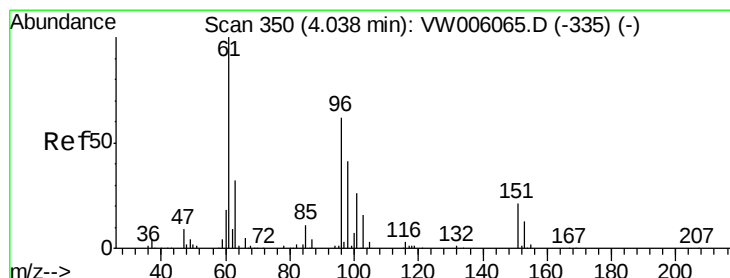
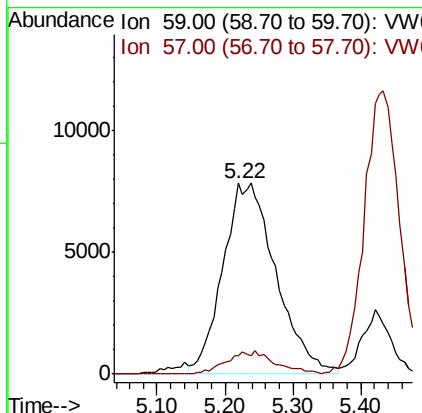
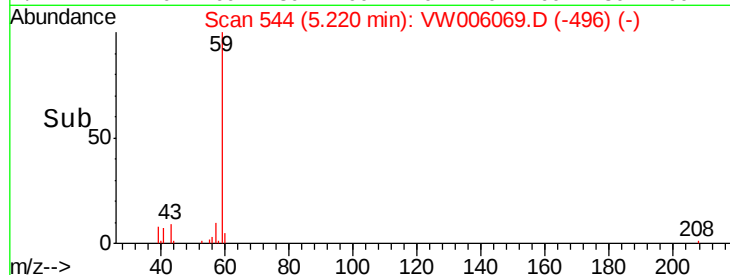
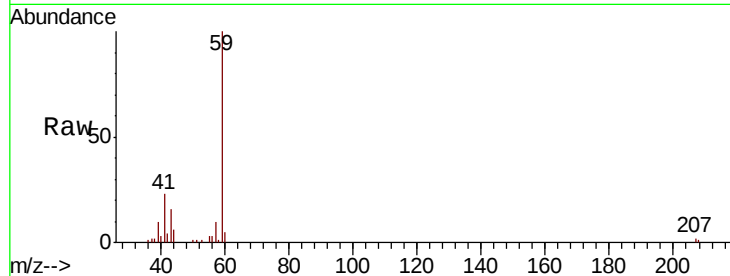
Tert butyl alcohol
Concen: 261.157 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampled :
ICVW101518

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.7	8.7	13.1#

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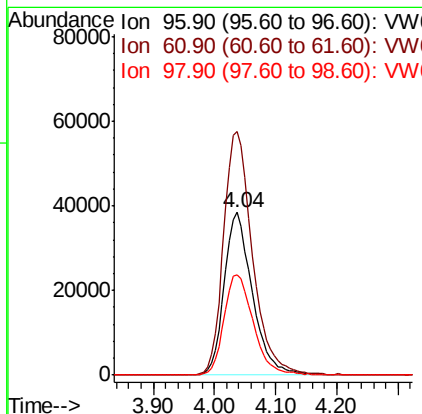
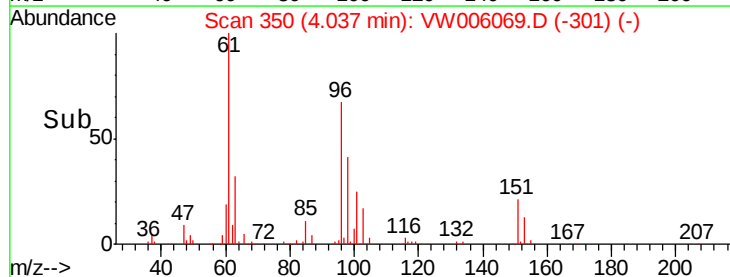
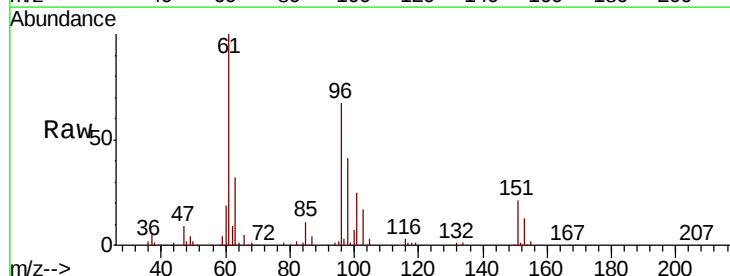
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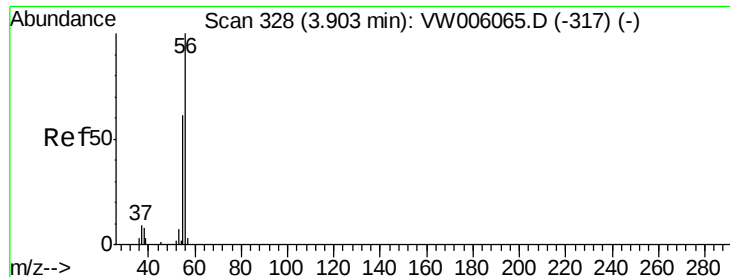


#12

1,1-Dichloroethene
Concen: 49.878 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.7	129.3	193.9
98	61.7	53.1	79.7





#13

Acrolein

Concen: 237.641 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVWV101518

Tot Ion: 56 Resp: 37609

Ion Ratio Lower Upper

56 100

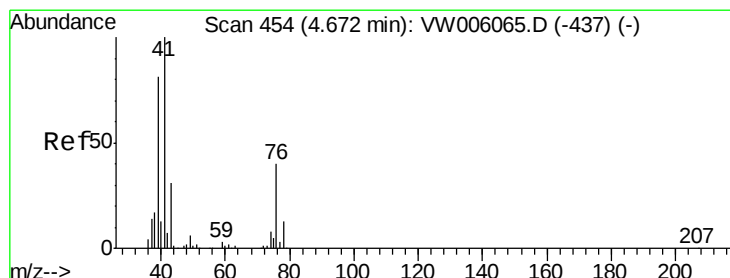
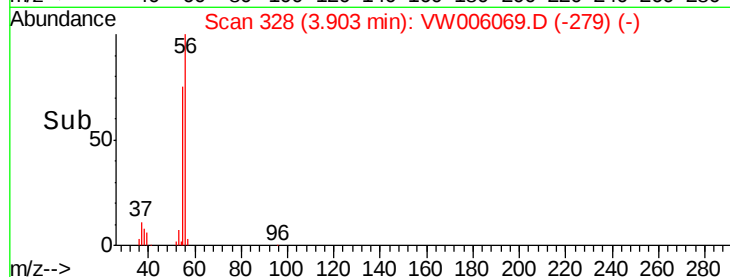
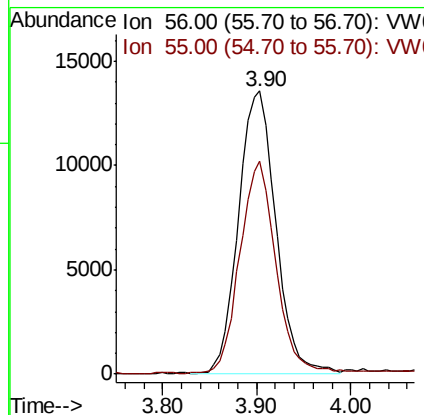
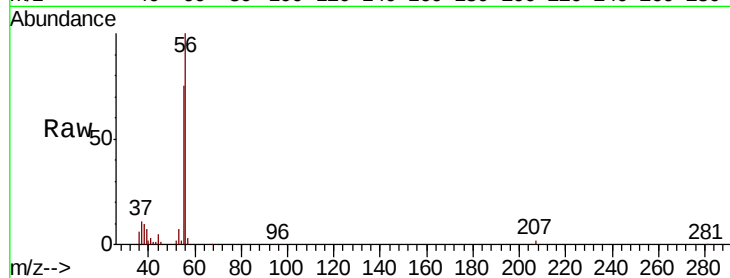
55 73.3 54.5 81.7

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#14

Allyl chloride

Concen: 50.978 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

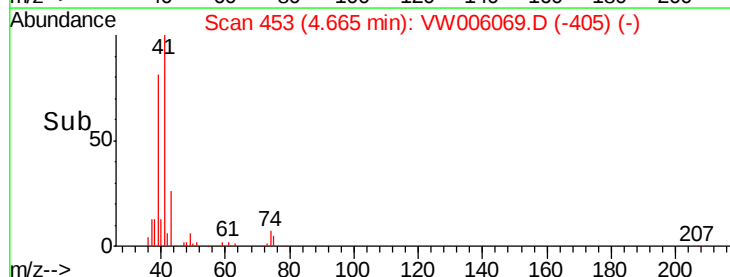
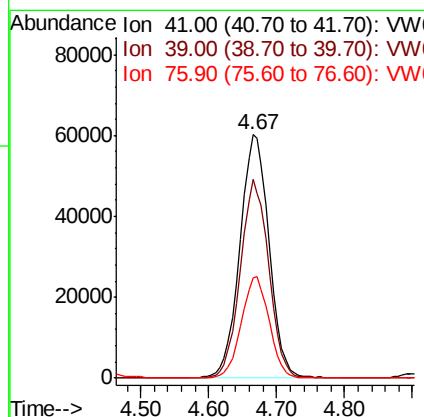
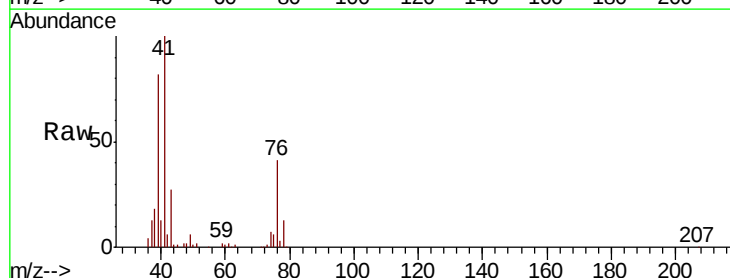
Tgt Ion: 41 Resp: 178646

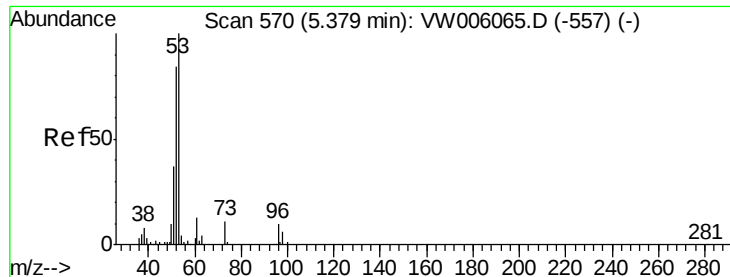
Ion Ratio Lower Upper

41 100

39 79.8 64.1 96.1

76 39.7 32.2 48.4





#15

Acrylonitrile

Concen: 266.505 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

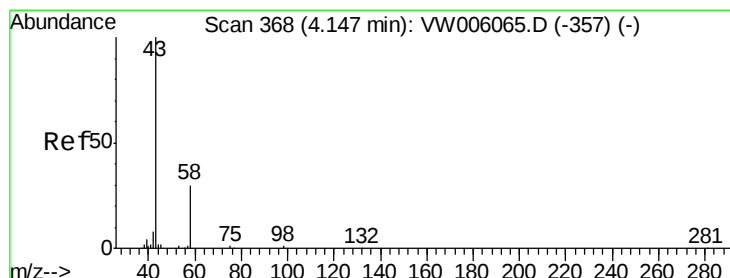
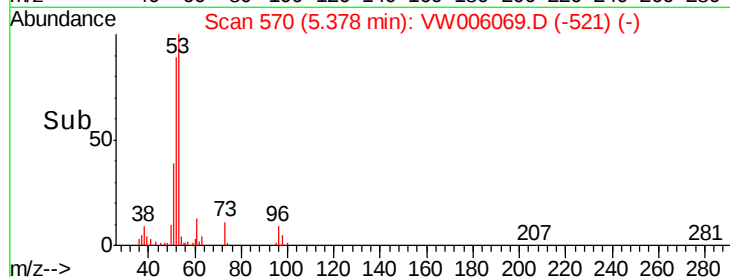
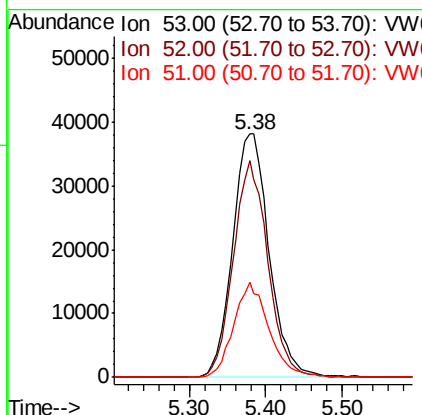
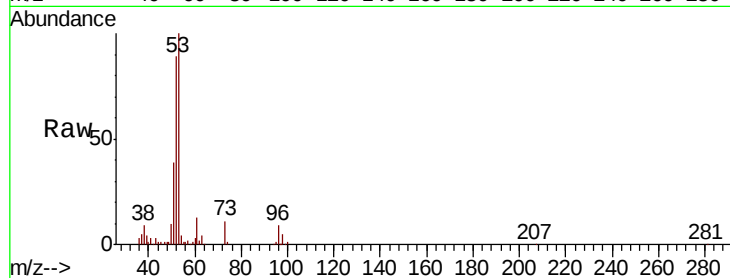
ClientSampleId :

ICVW101518

Tot Ion:	53	Resp:	126282
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.9	100.3
51	37.9	30.1	45.1

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#16

Acetone

Concen: 251.715 ug/l

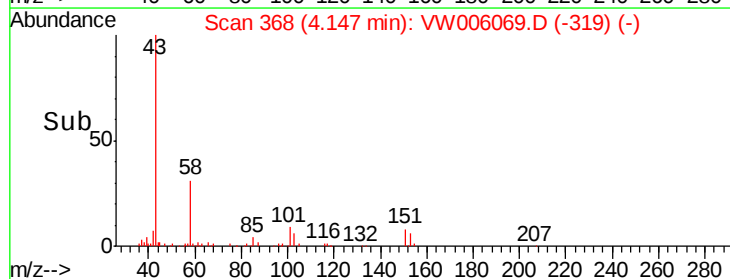
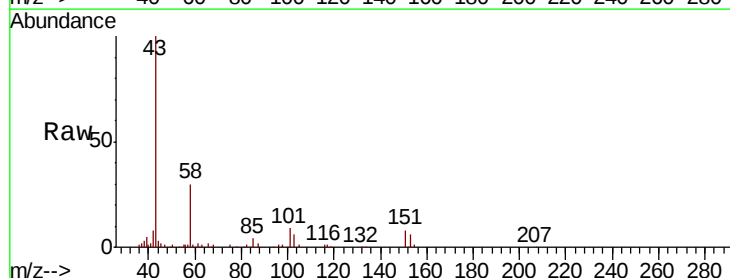
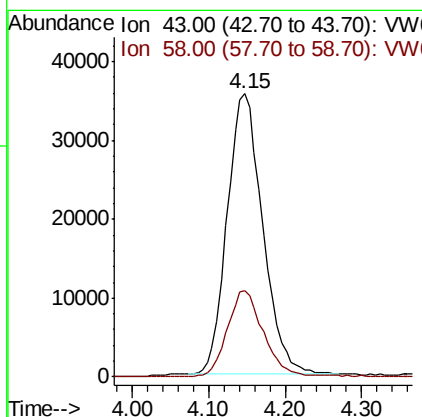
RT: 4.15 min Scan# 368

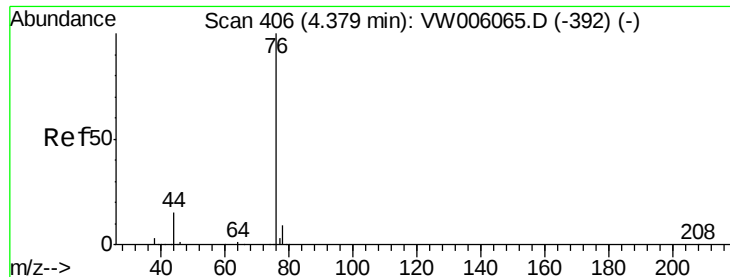
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	43	Resp:	114794
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.0	36.0





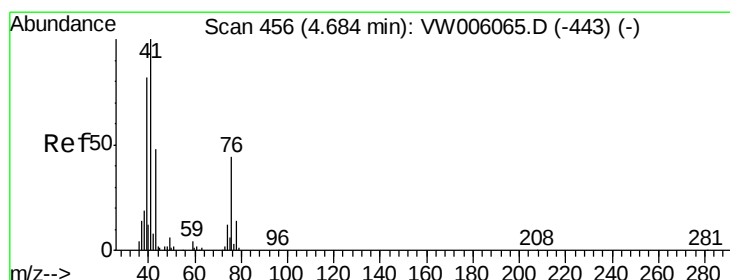
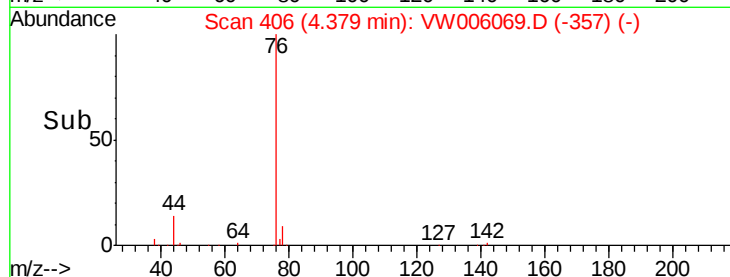
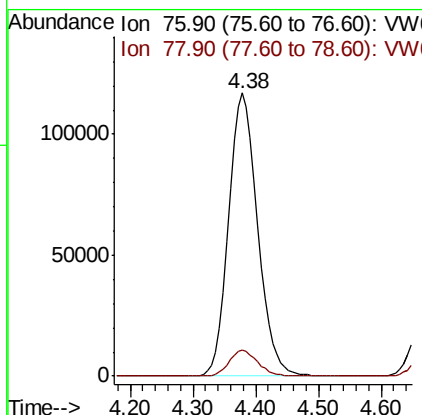
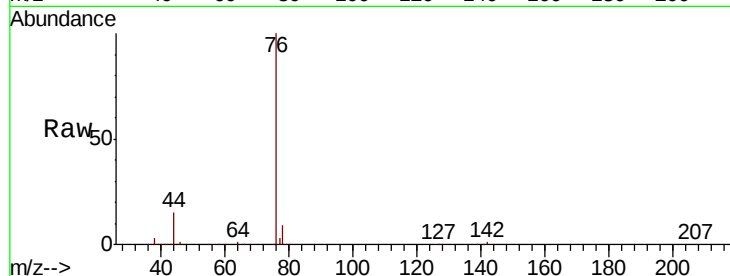
#17
Carbon Disulfide
Concen: 50.653 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

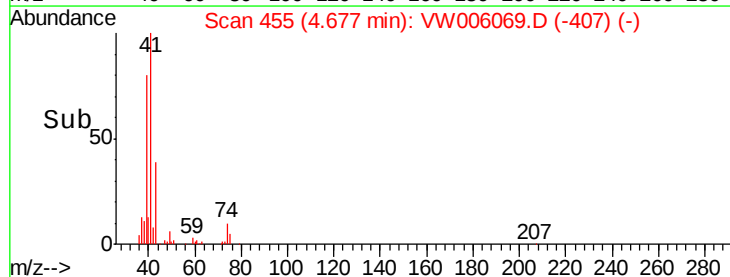
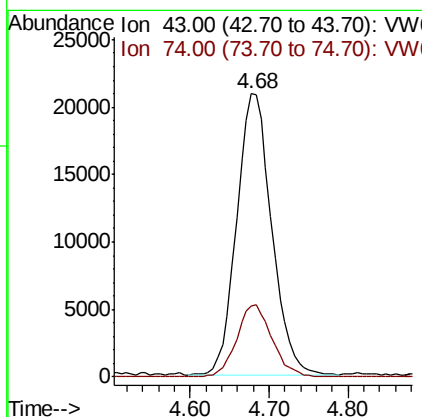
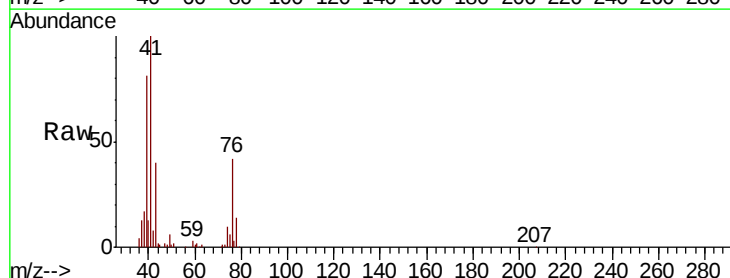
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#18
Methyl Acetate
Concen: 52.715 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.5	30.7





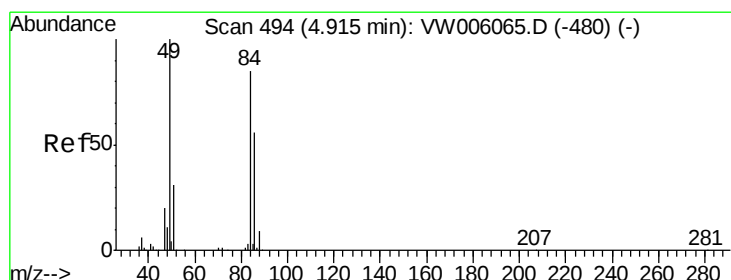
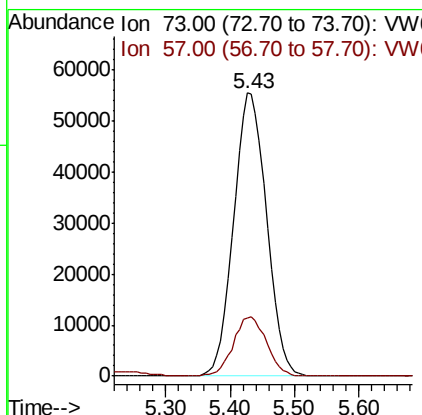
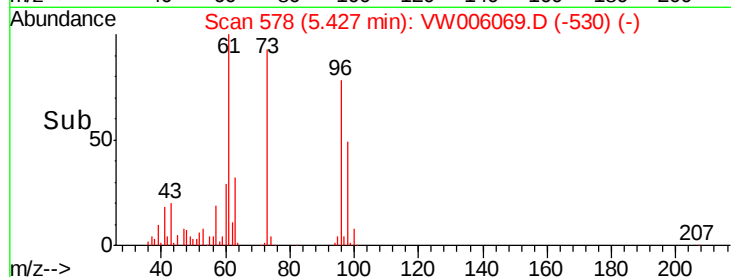
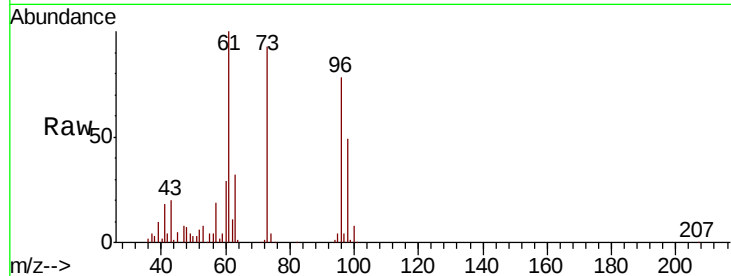
#19
Methvl tert-butvl Ether
Concen: 52.572 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion: 73 Resp: 196245
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2

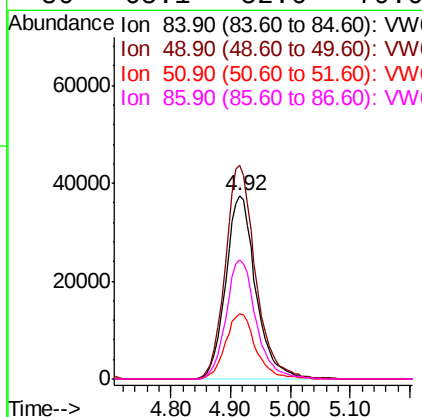
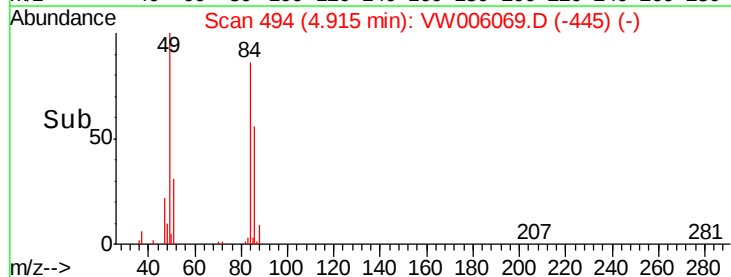
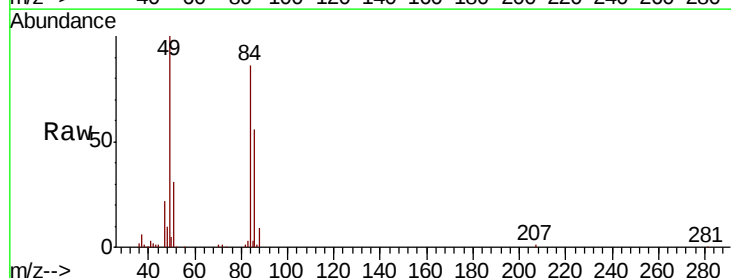
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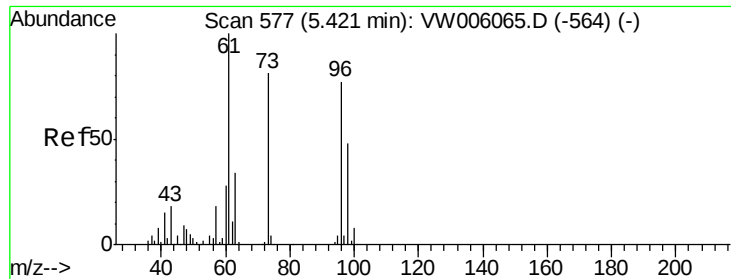
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#20
Methylene Chloride
Concen: 51.087 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion: 84 Resp: 131364
Ion Ratio Lower Upper
84 100
49 116.6 93.6 140.4
51 35.8 29.0 43.4
86 65.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.375 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

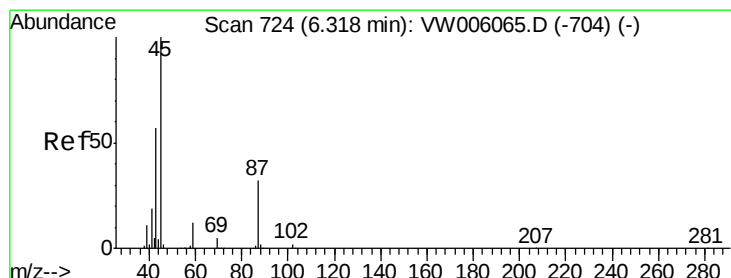
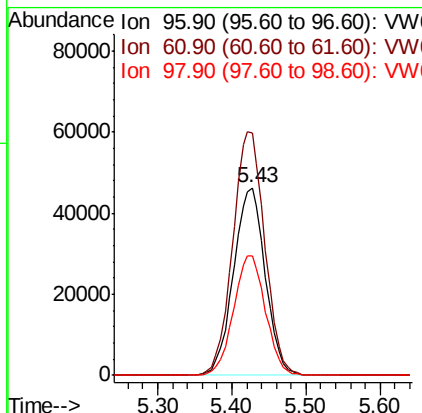
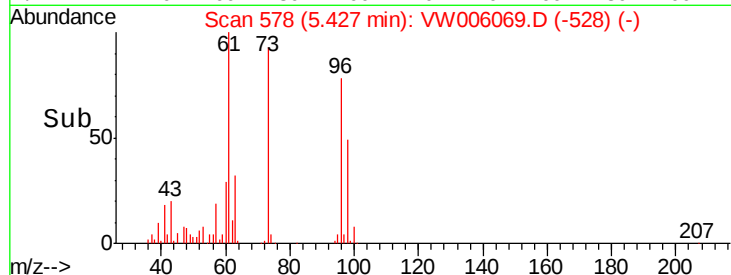
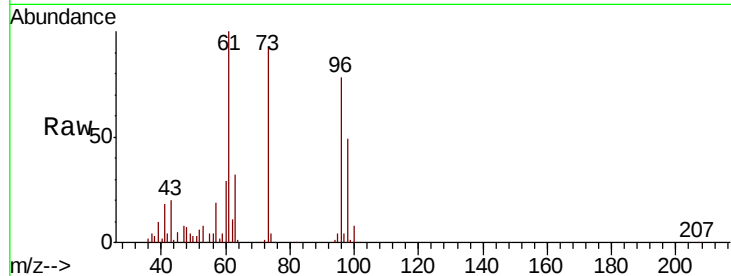
ClientSampleId :

ICVW101518

Tot Ion:	96	Resp:	137807
Ion	Ratio	Lower	Upper
96	100		
61	129.0	104.5	156.7
98	63.7	50.6	75.8

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#22

Diisopropyl ether

Concen: 52.623 ug/l

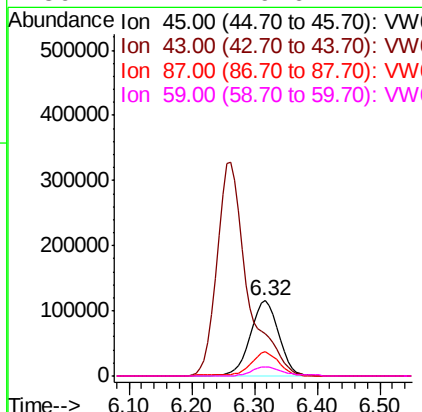
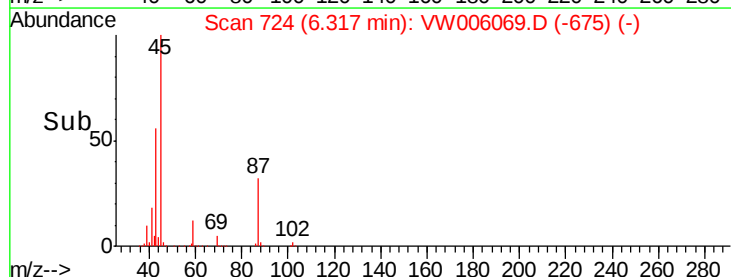
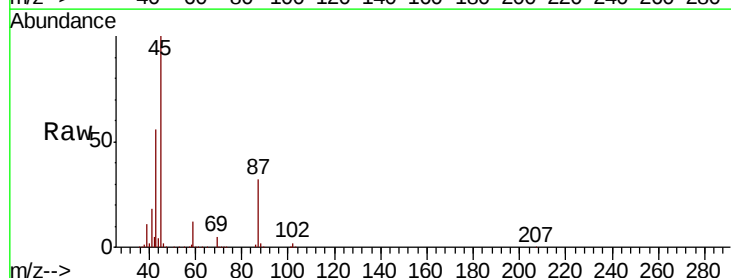
RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	45	Resp:	364416
Ion	Ratio	Lower	Upper
45	100		
43	56.1	45.7	68.5
87	32.1	25.9	38.9
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 269.008 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 43 Resp: 1099402

Ion Ratio Lower Upper

43 100

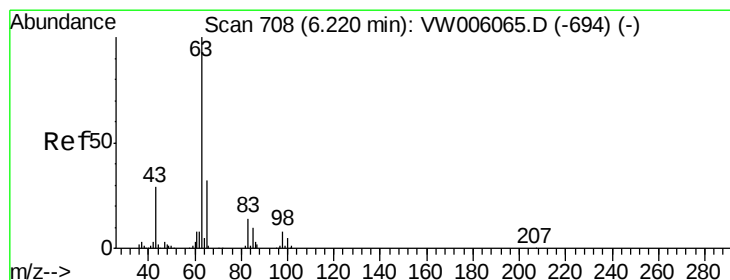
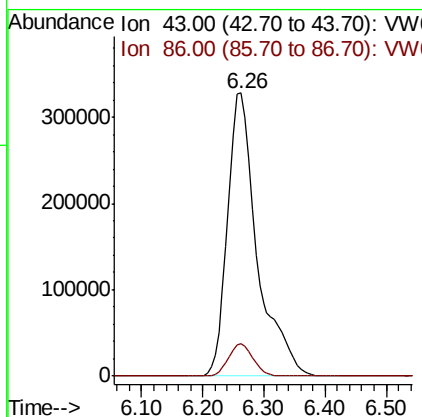
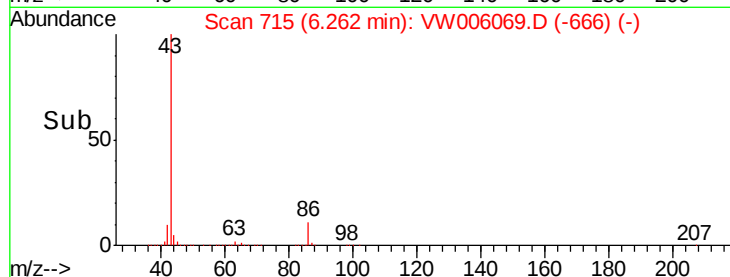
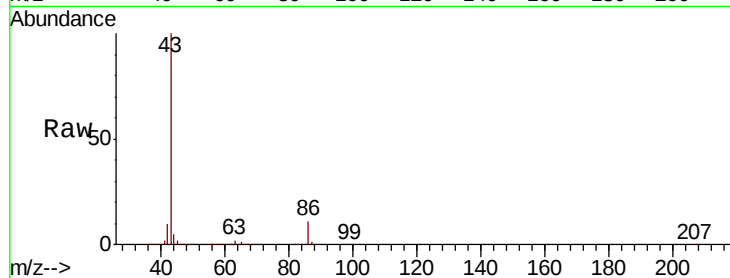
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 51.563 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

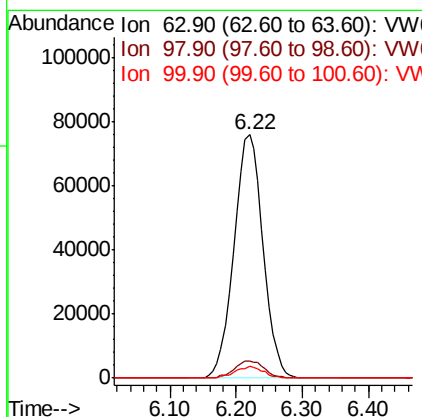
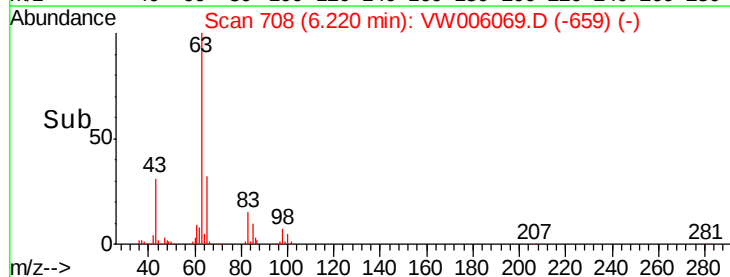
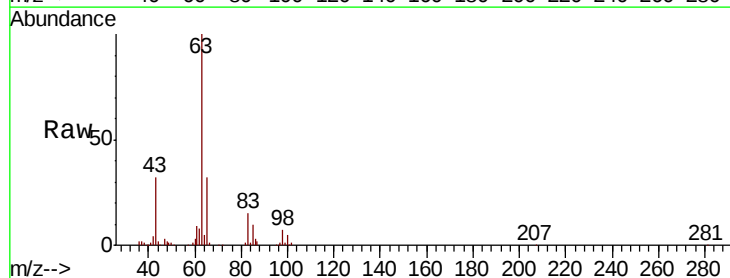
Tgt Ion: 63 Resp: 230408

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 253.917 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 43 Resp: 166814

Ion Ratio Lower Upper

43 100

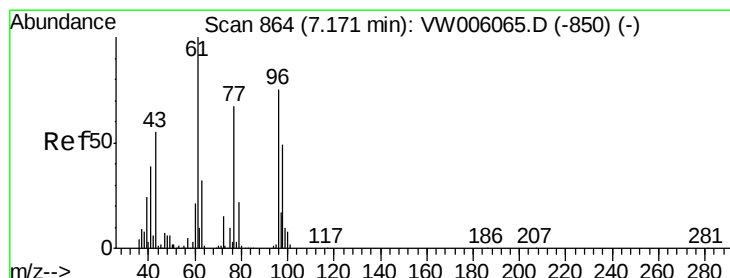
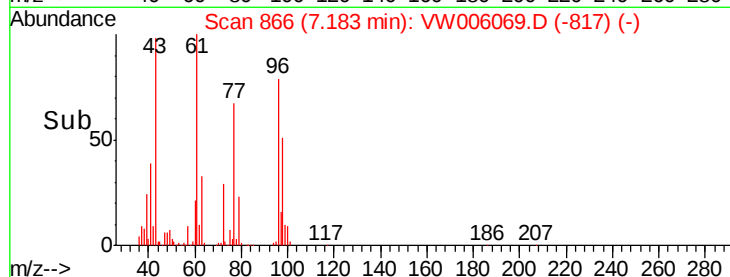
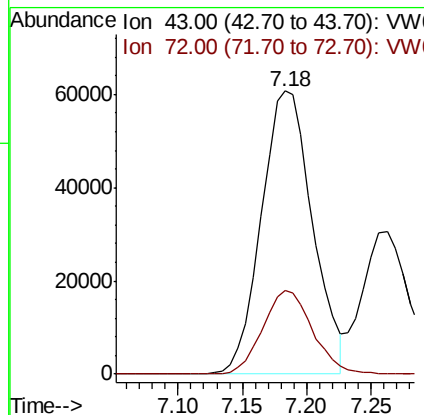
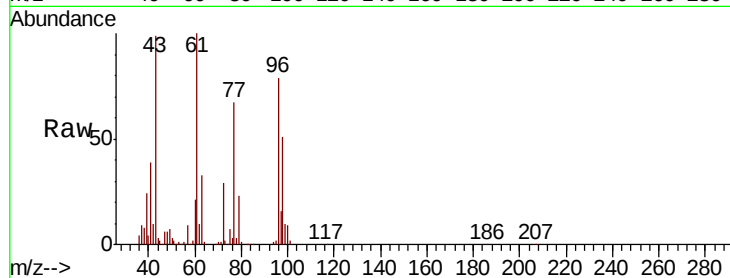
72 29.5 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.755 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006069.D

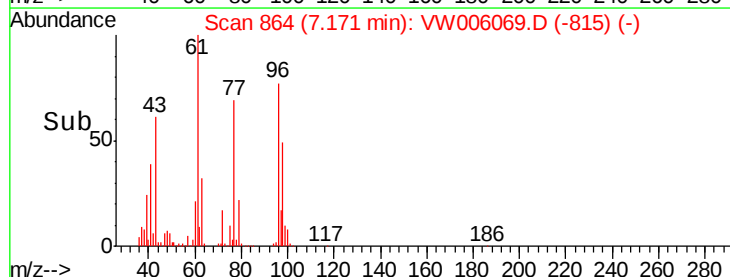
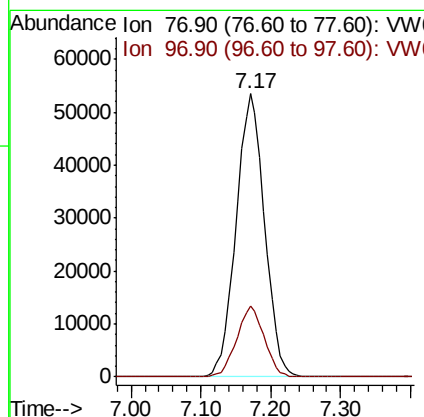
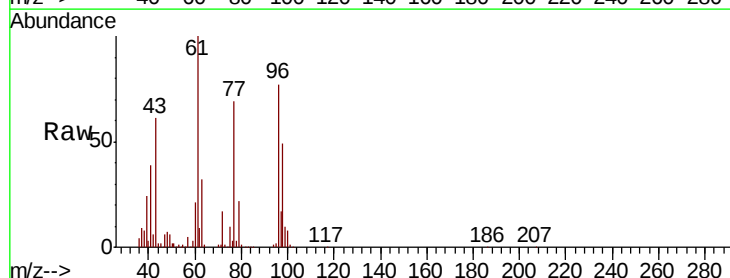
Acq: 15 Oct 2018 20:29

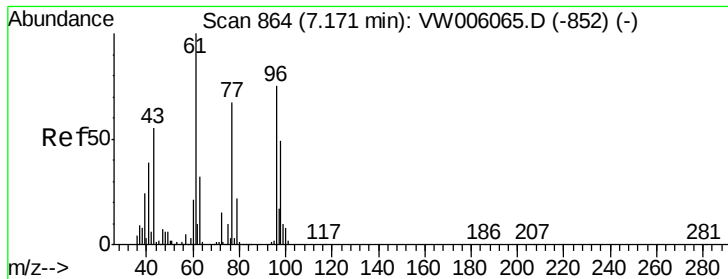
Tgt Ion: 77 Resp: 150505

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

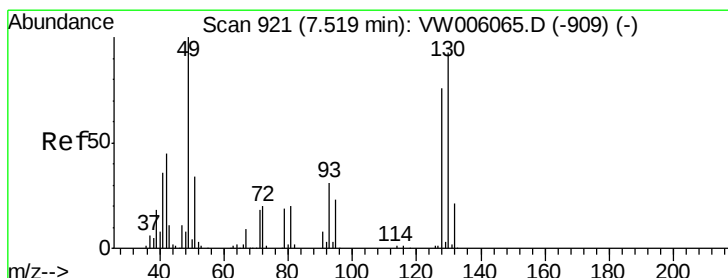
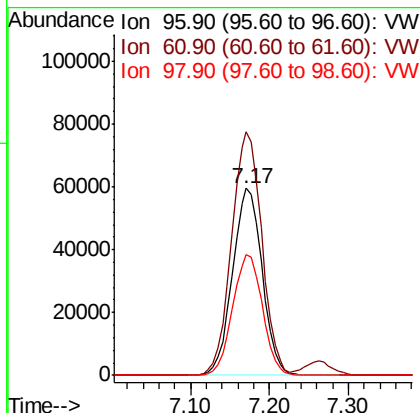
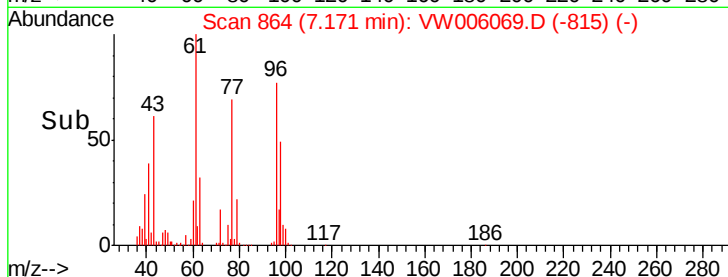
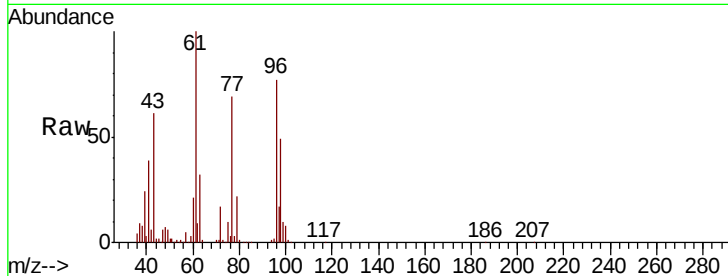
cis-1,2-Dichloroethene
Concen: 51.451 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	267.2
98	65.0	0.0	128.6

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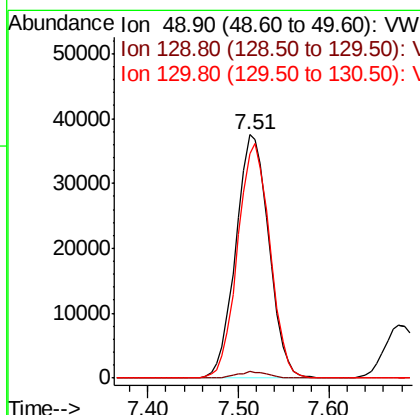
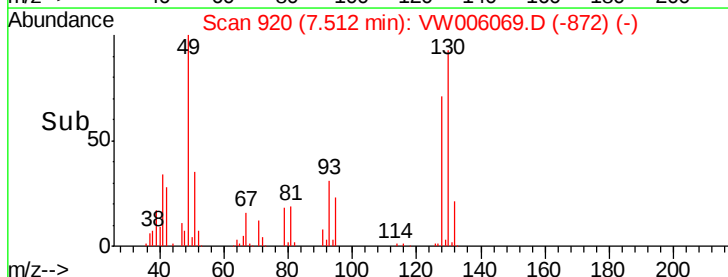
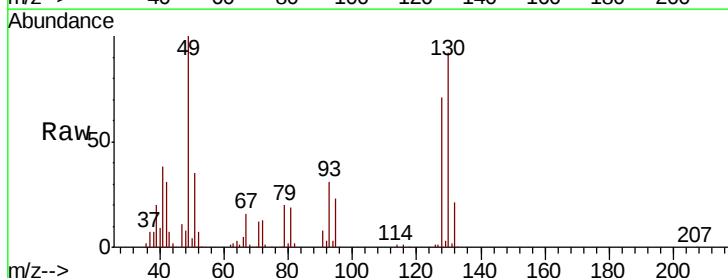
apatel
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#28

Bromochloromethane
Concen: 55.092 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	94.0	73.8	110.8





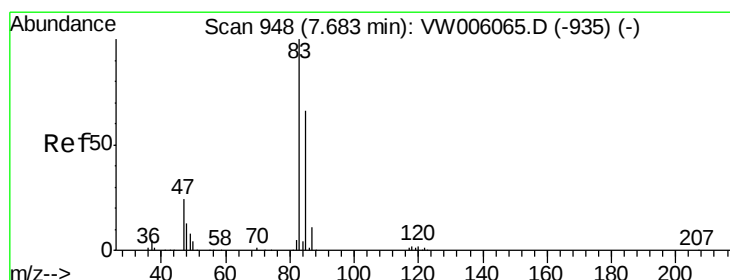
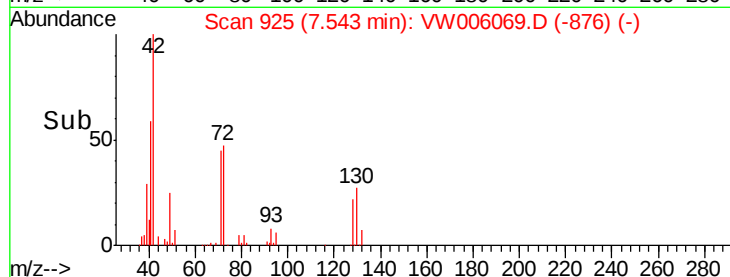
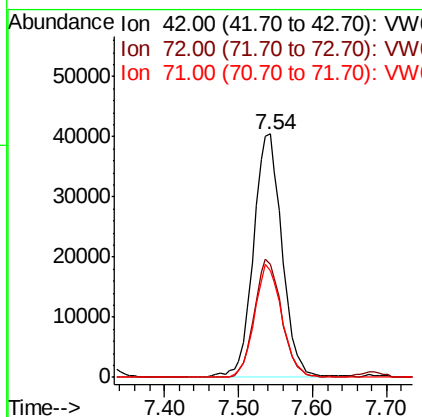
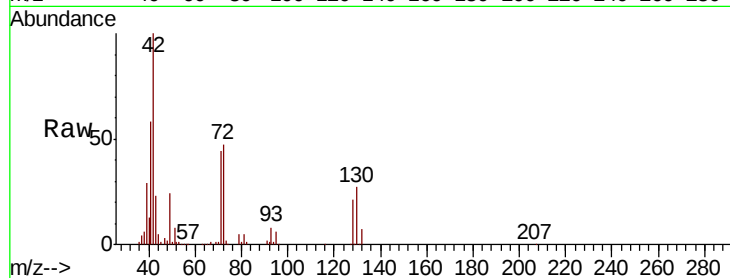
#29
Tetrahydrofuran
Concen: 269.954 ug/l
RT: 7.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVWV101518

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	38.0	57.0
71	44.3	35.3	52.9

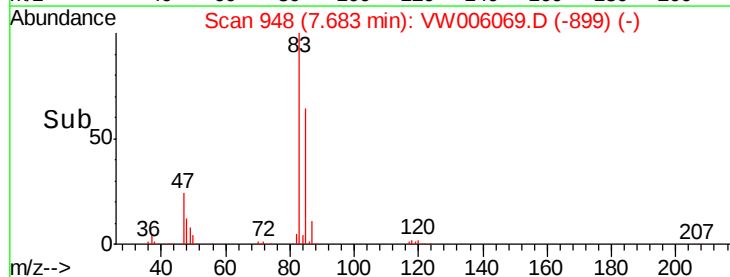
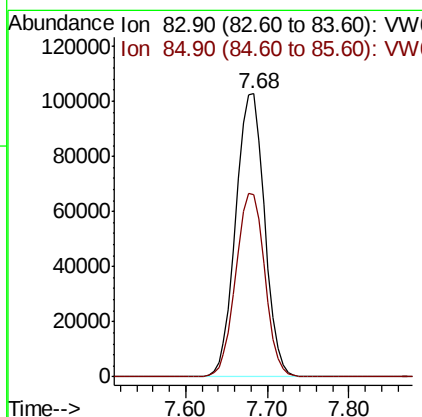
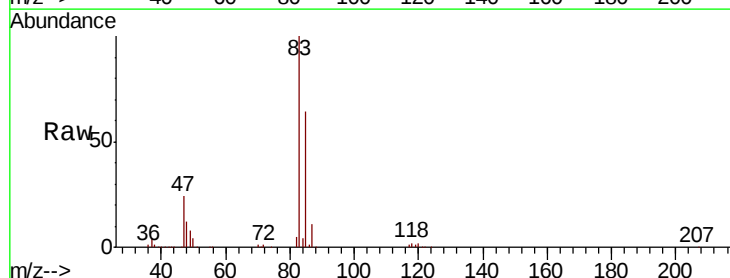
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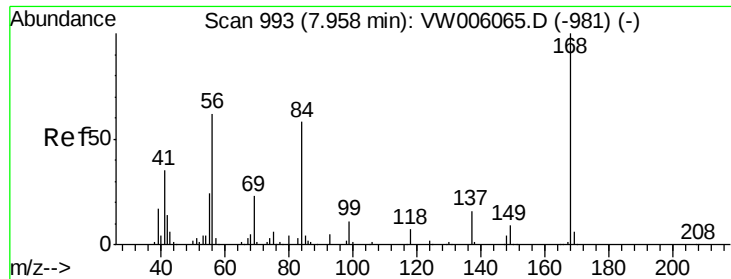
apatel
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#30
Chloroform
Concen: 51.632 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	79.0





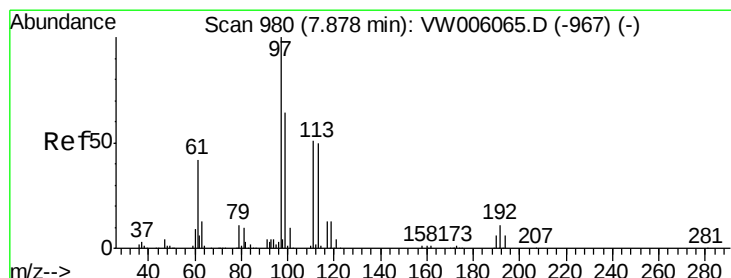
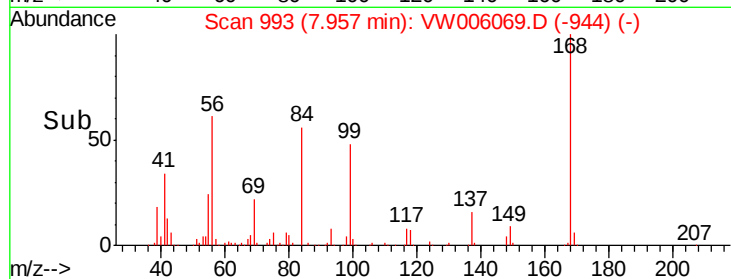
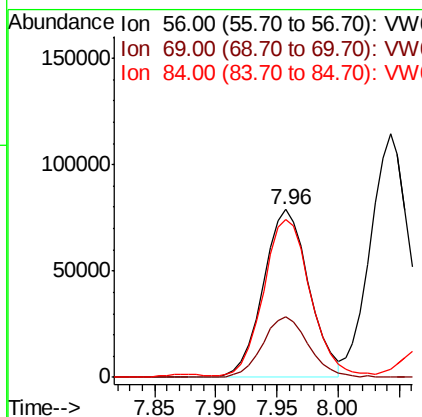
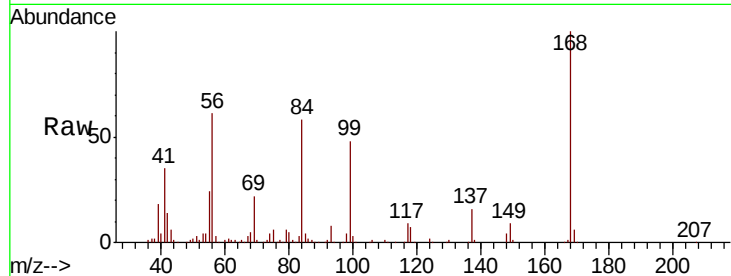
#31
Cyclohexane
Concen: 46.257 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	29.4	44.0
84	92.1	74.0	111.0

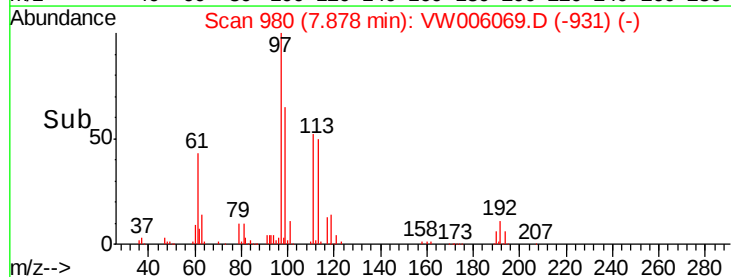
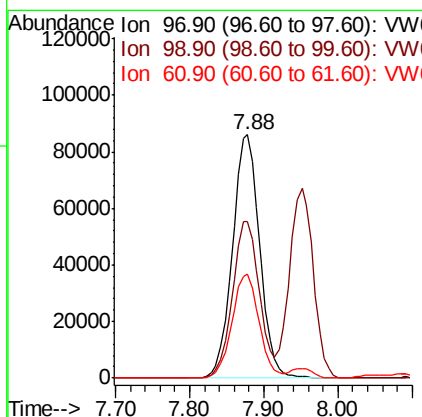
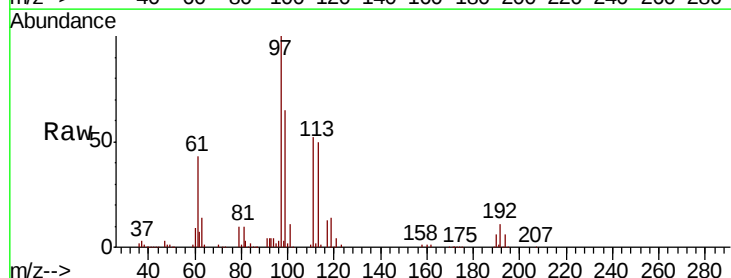
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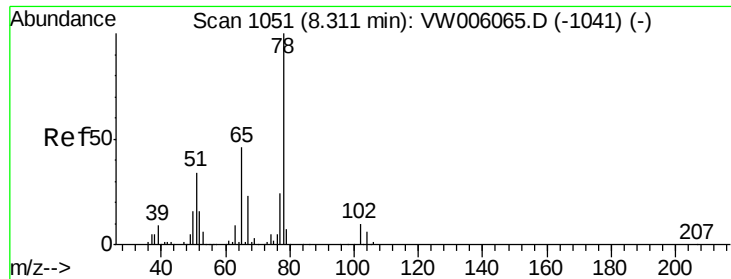
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#32
1,1,1-Trichloroethane
Concen: 49.966 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	42.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 51.258 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 65 Resp: 124652

Ion Ratio Lower Upper

65 100

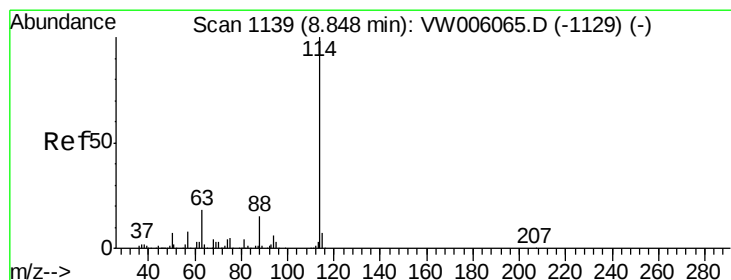
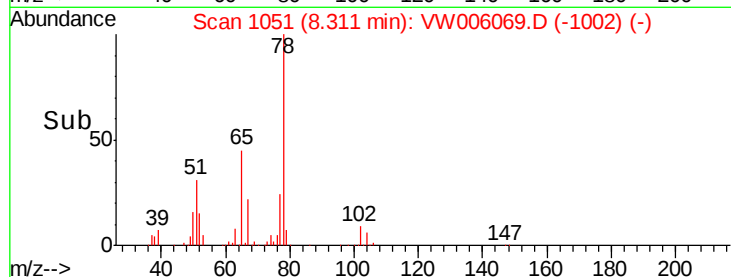
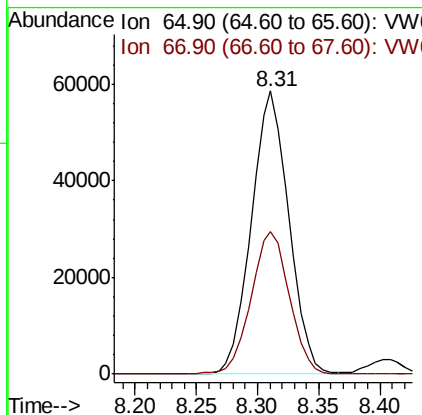
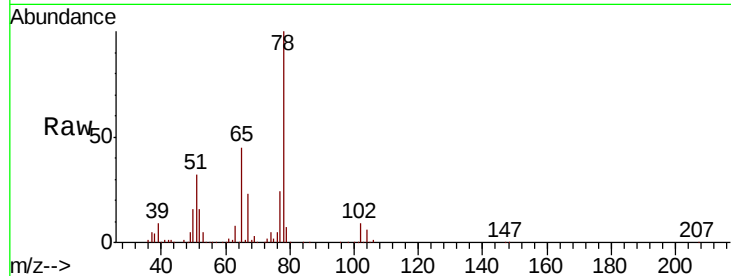
67 51.6 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

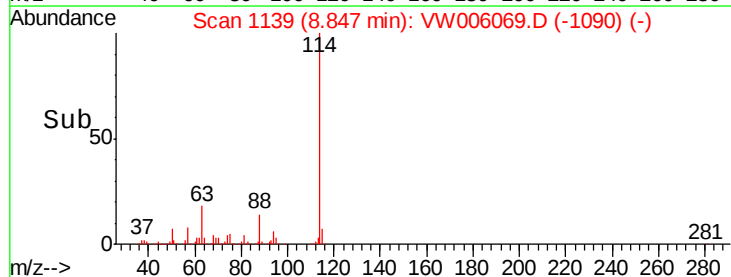
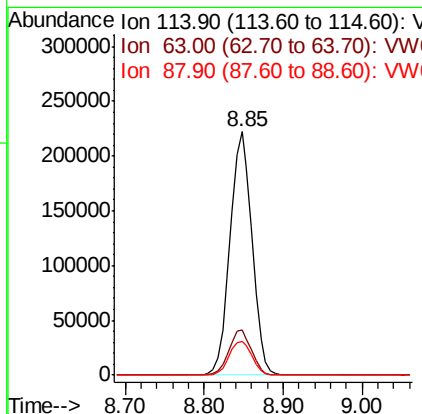
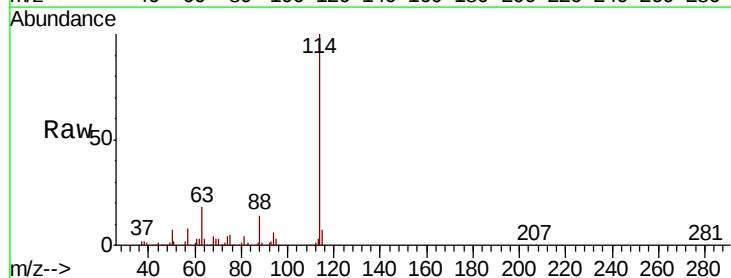
Tgt Ion: 114 Resp: 431029

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 14.1 0.0 29.0





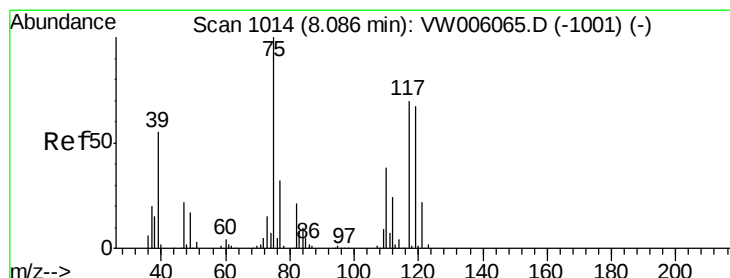
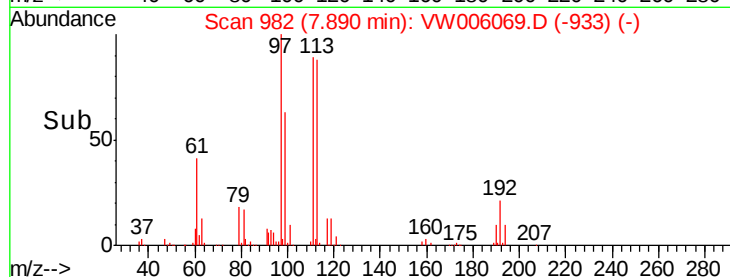
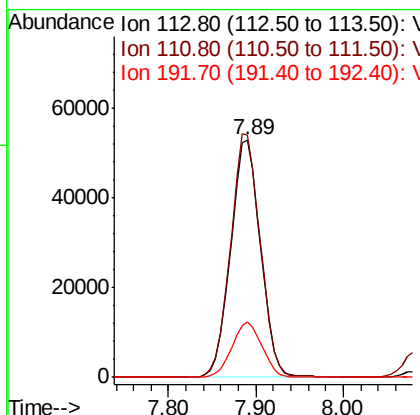
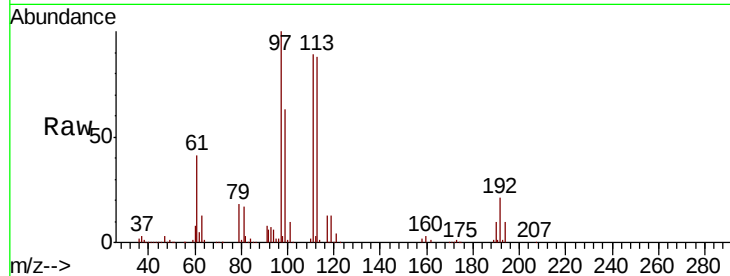
#35
 Dibromofluoromethane
 Concen: 49.211 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125336		
111	102.2	81.4	122.0	
192	23.2	18.7	28.1	

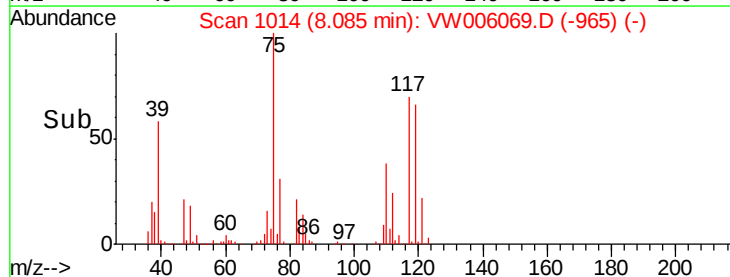
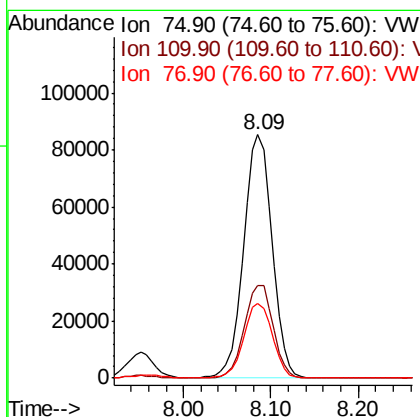
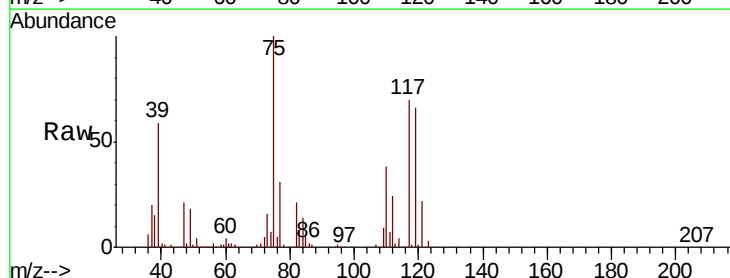
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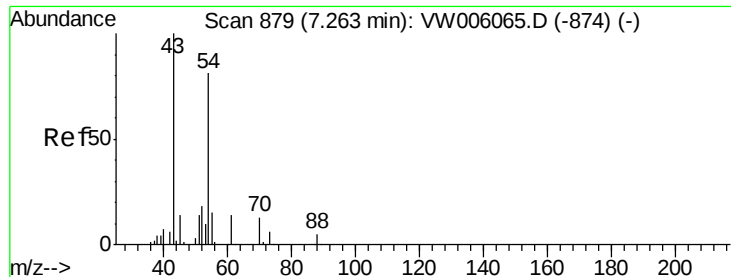
apatel
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#36
 1,1-Dichloropropene
 Concen: 48.505 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192706		
110	38.6	19.1	57.1	
77	31.2	25.0	37.4	





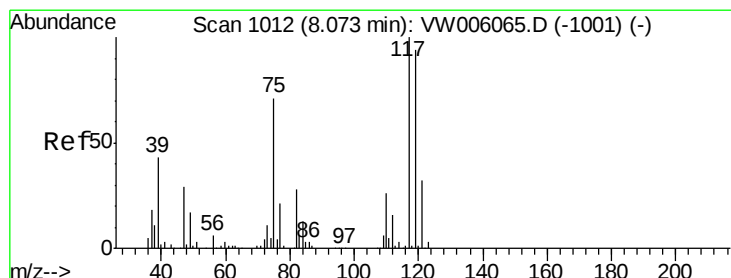
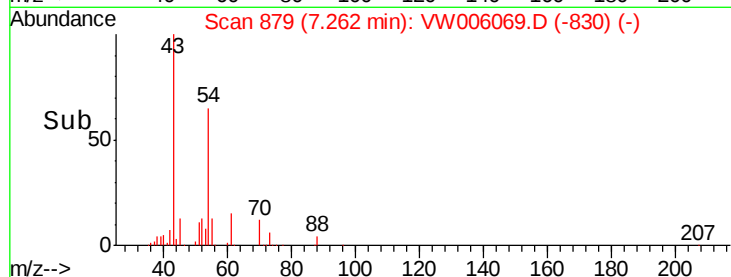
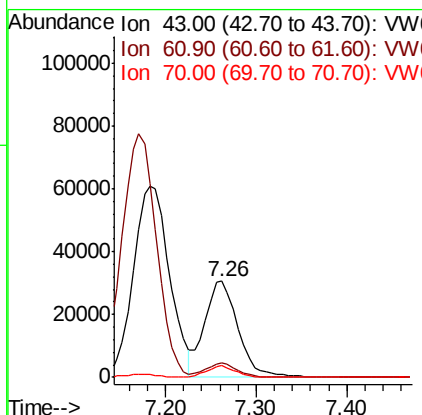
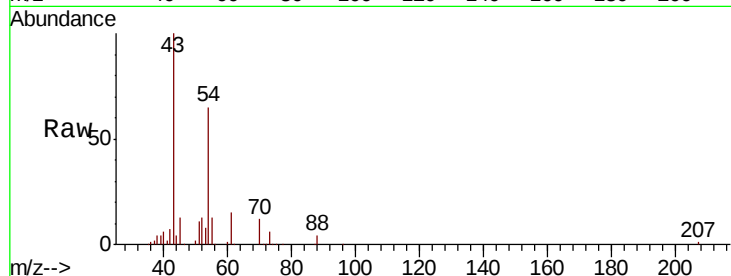
#37
Ethyl Acetate
Concen: 53.007 ug/l
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleID :
ICVW101518

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	10.8	9.2	13.8

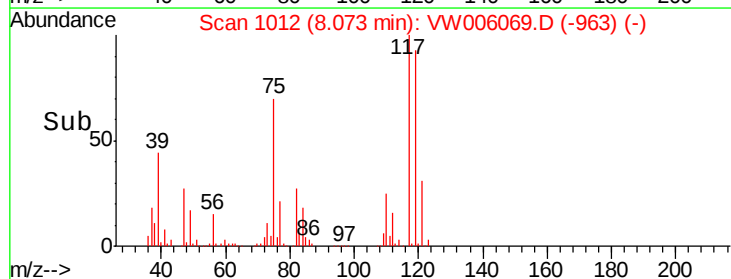
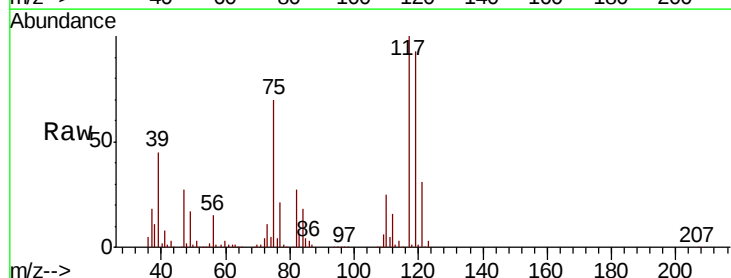
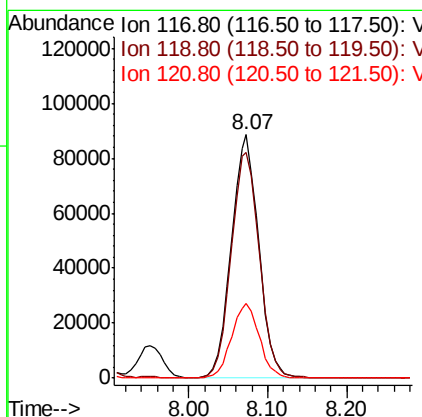
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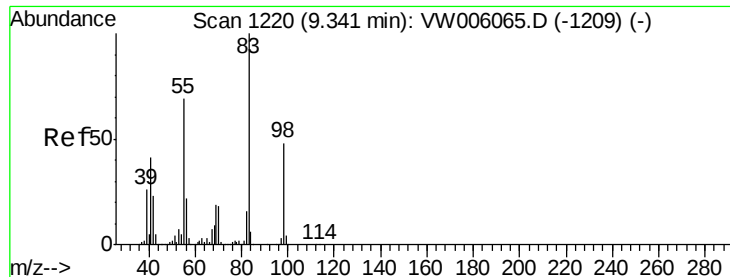
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#38
Carbon Tetrachloride
Concen: 48.919 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.2	112.8
121	30.6	25.3	37.9





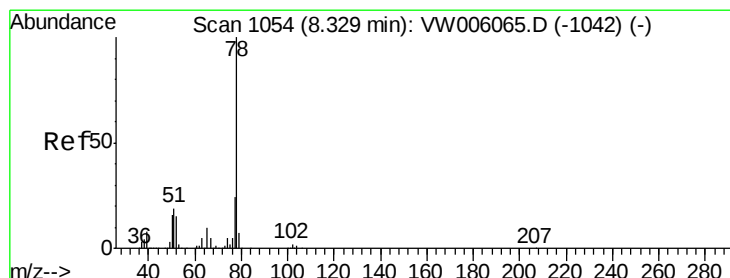
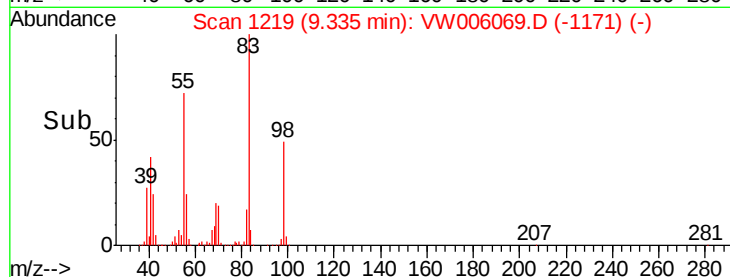
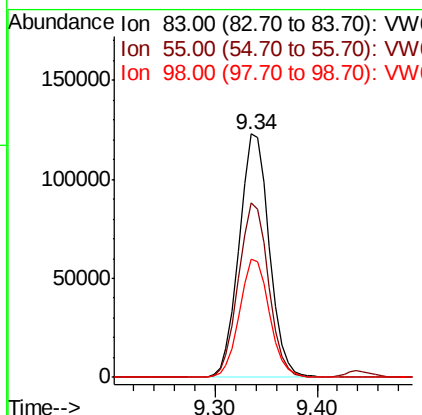
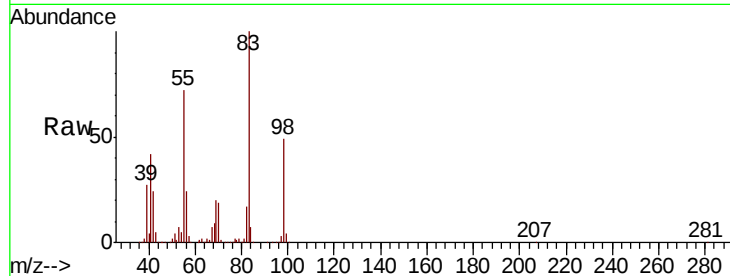
#39
Methvlcvclohexane
Concen: 47.898 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	55.0	82.6
98	48.7	38.6	57.8

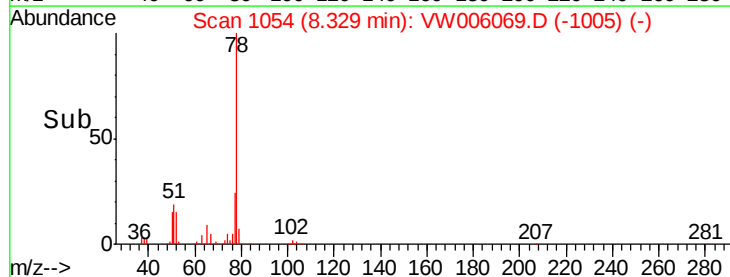
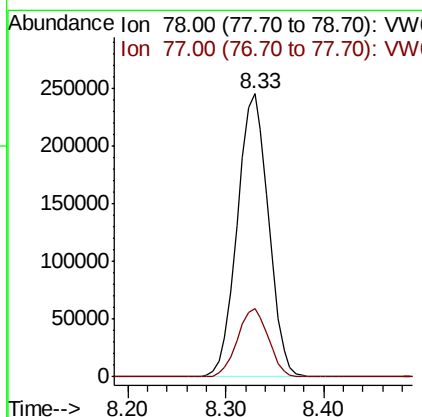
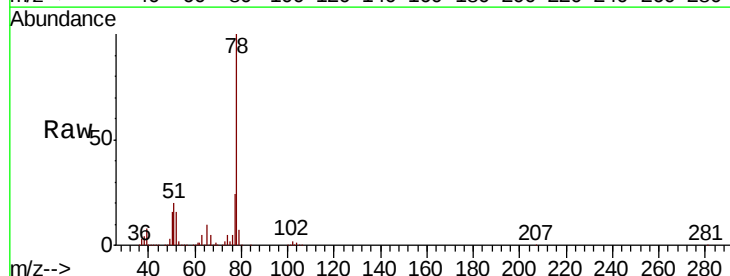
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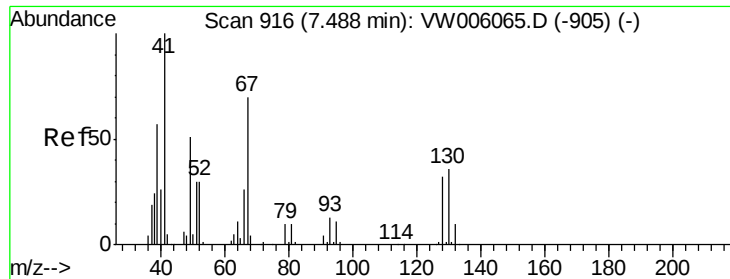
apatel
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#40
Benzene
Concen: 49.701 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#41

Methacrylonitrile

Concen: 53.399 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 41 Resp: 47516

Ion Ratio Lower Upper

41 100

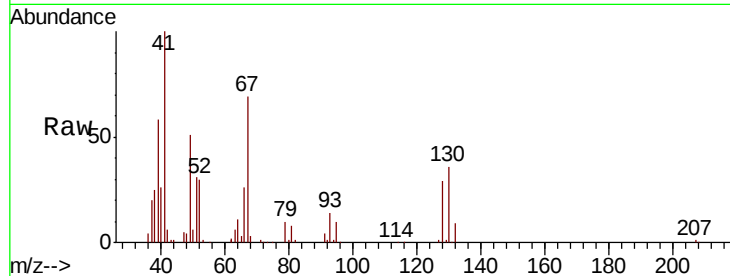
39 57.6 46.2 69.4

67 73.4 57.7 86.5

52 31.6 24.7 37.1

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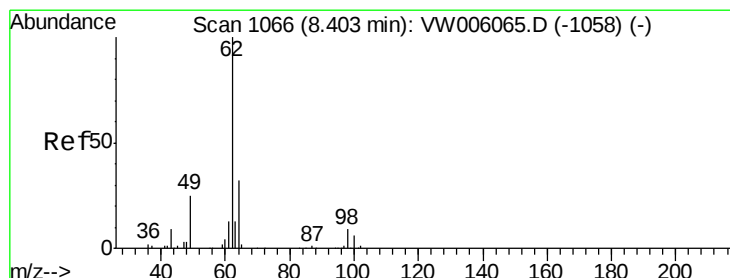
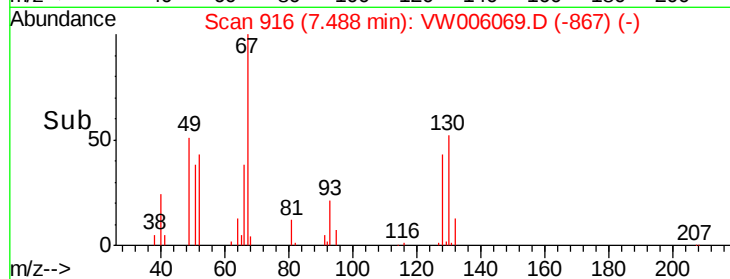
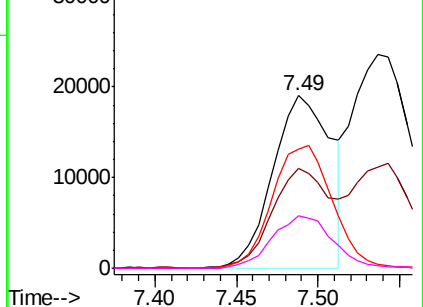


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 51.497 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006069.D

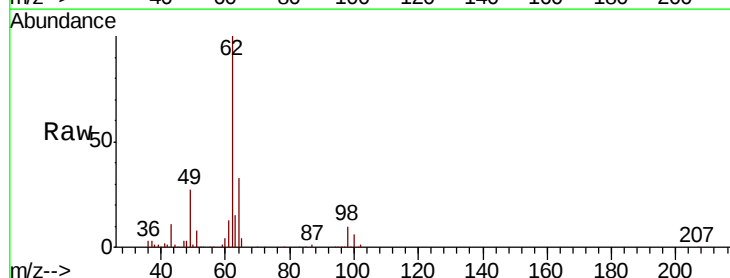
Acq: 15 Oct 2018 20:29

Tgt Ion: 62 Resp: 164882

Ion Ratio Lower Upper

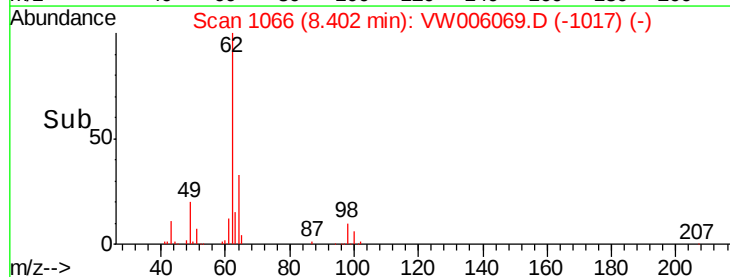
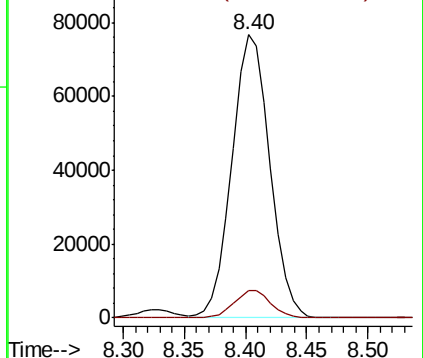
62 100

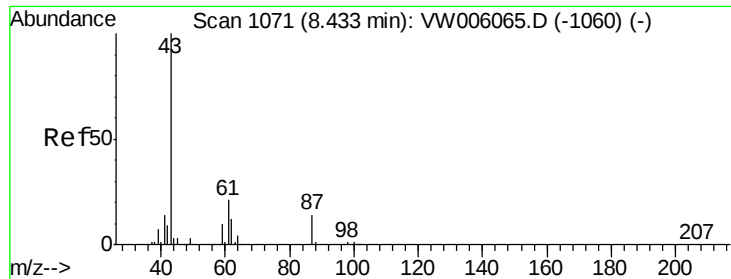
98 9.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 53.052 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

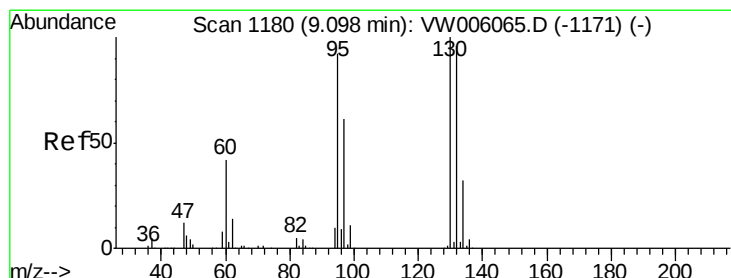
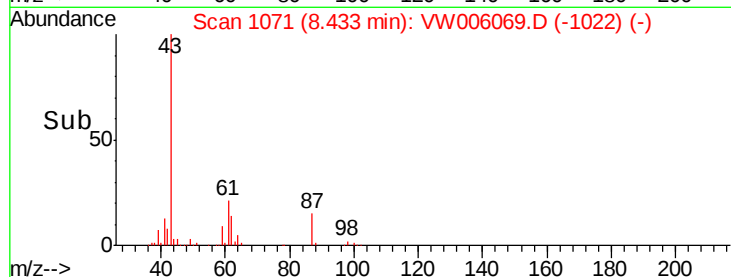
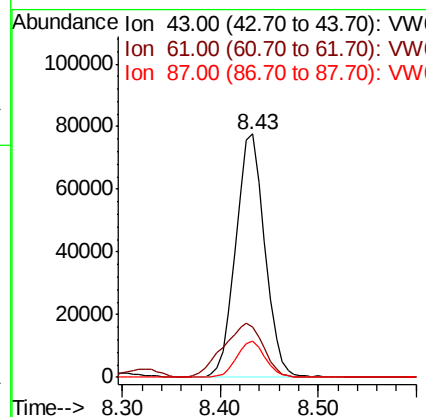
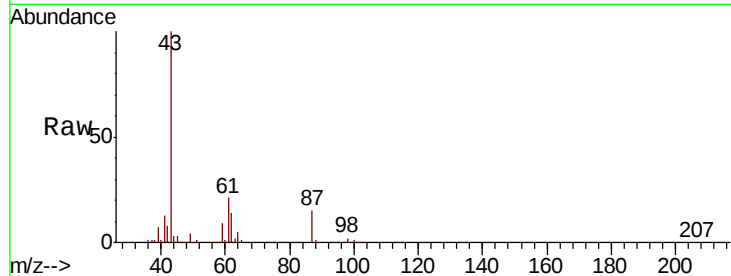
ClientSampleId :

ICVW101518

Tot Ion:	43	Resp:	160115
Ion	Ratio	Lower	Upper
43	100		
61	30.5	25.5	38.3
87	14.6	11.7	17.5

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#44

Trichloroethene

Concen: 49.214 ug/l

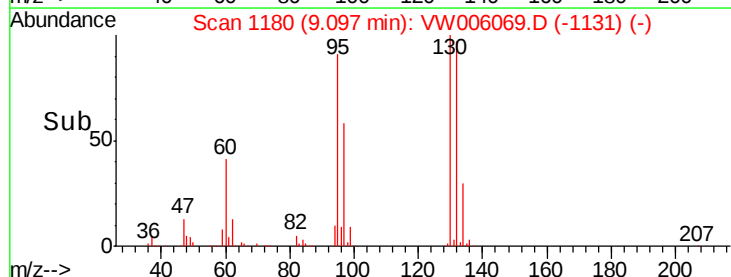
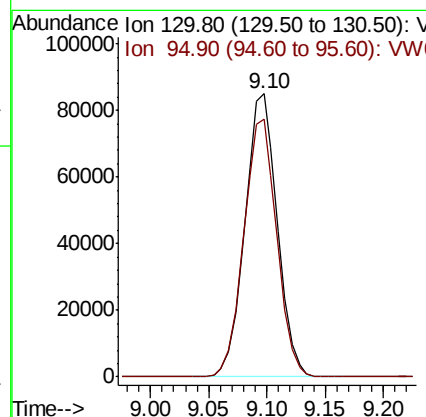
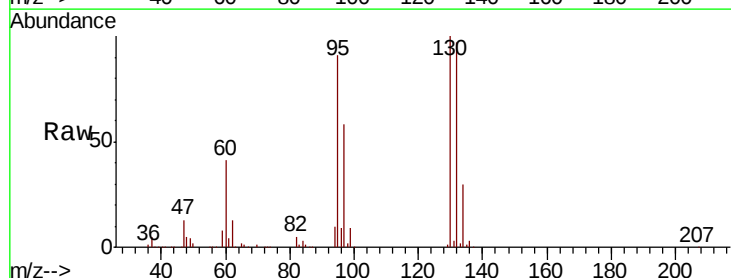
RT: 9.10 min Scan# 1180

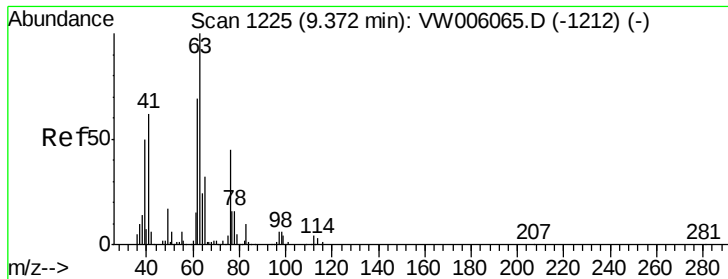
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	130	Resp:	164544
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	183.2





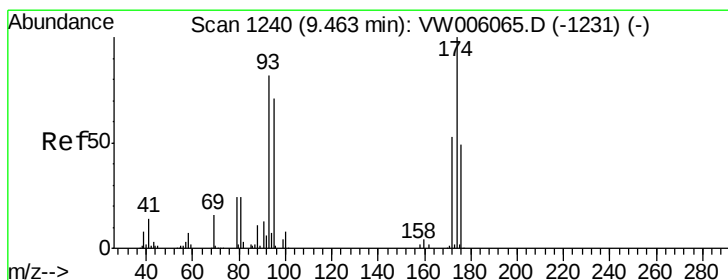
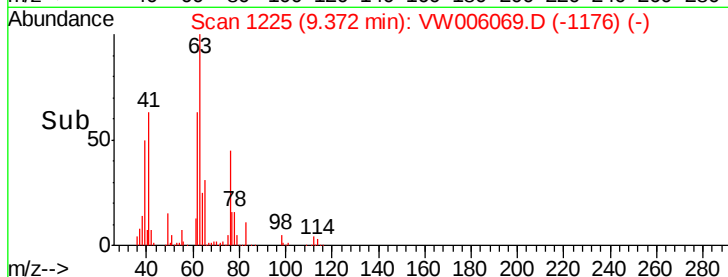
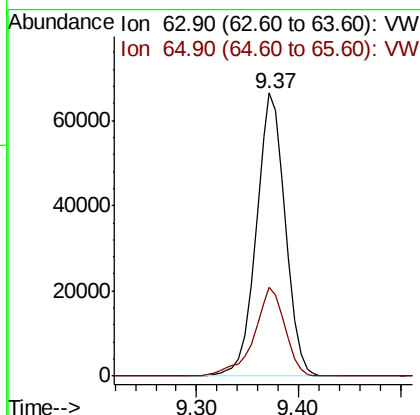
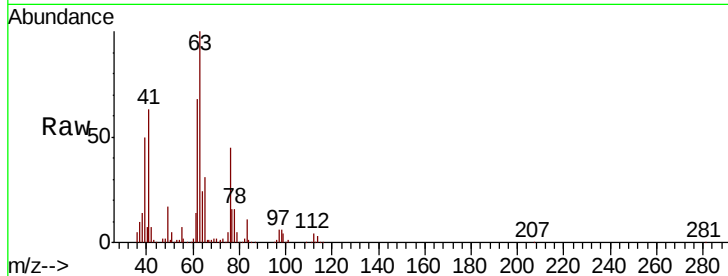
#45
 1,2-Dichloropropane
 Concen: 50.179 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.4	38.0

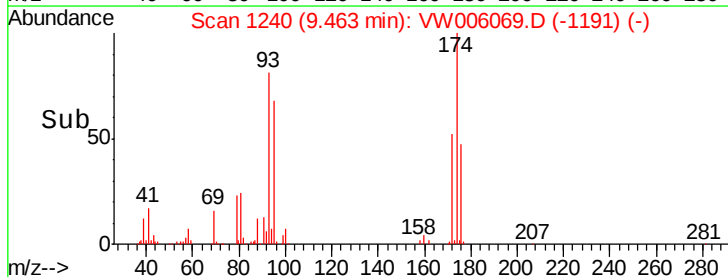
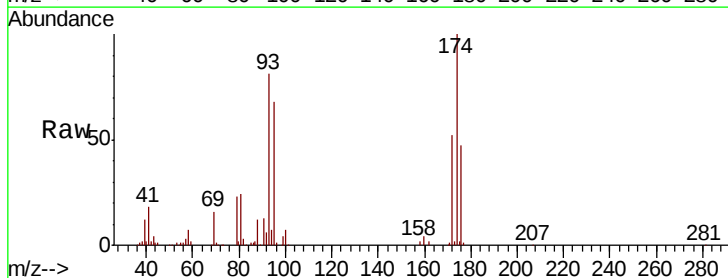
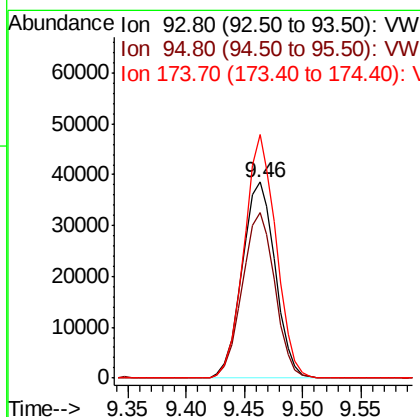
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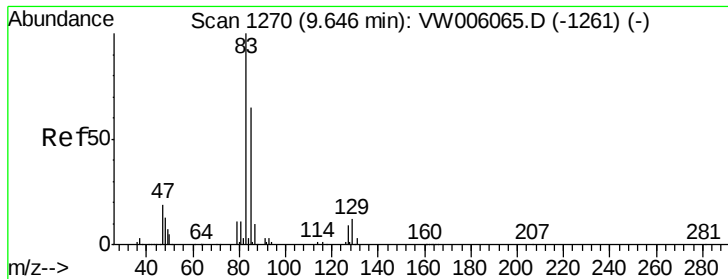
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#46
 Dibromomethane
 Concen: 51.542 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.7	101.5
174	119.3	93.7	140.5





#47

Bromodichloromethane

Concen: 51.163 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

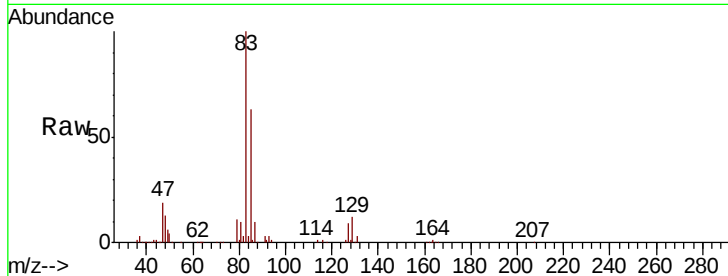
ClientSampleId :

ICVW101518

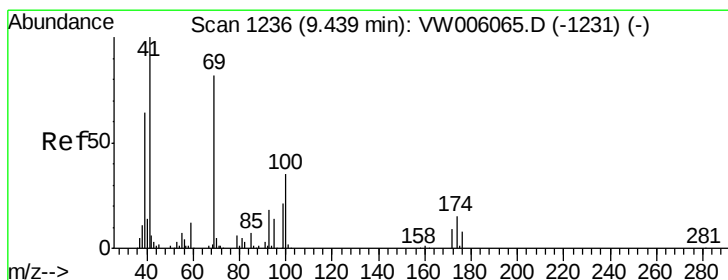
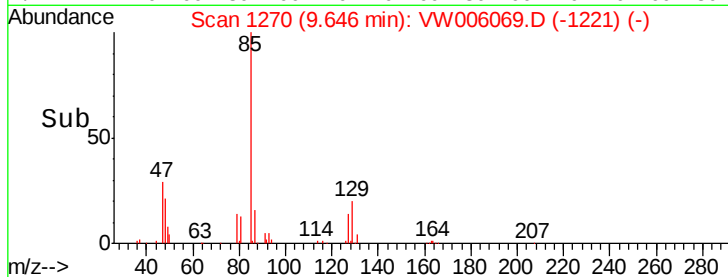
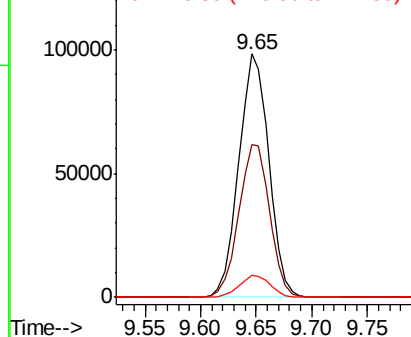
Tot Ion:	83	Resp:	184366
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	9.0	6.9	10.3

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.977 ug/l

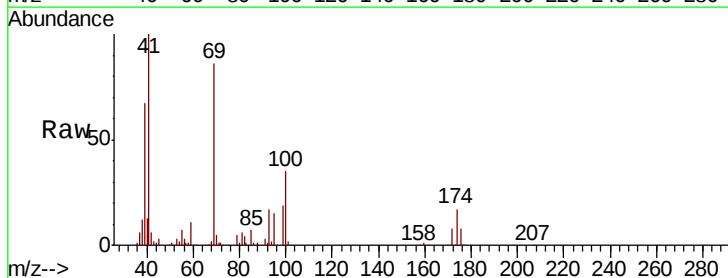
RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

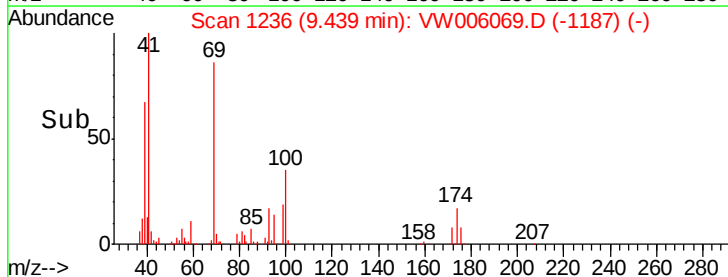
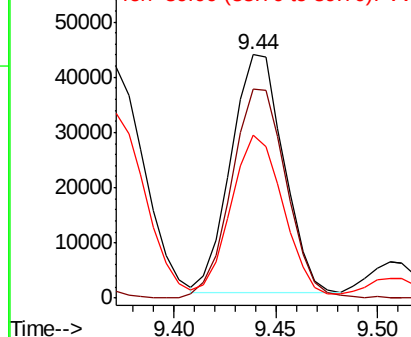
Lab File: VW006069.D

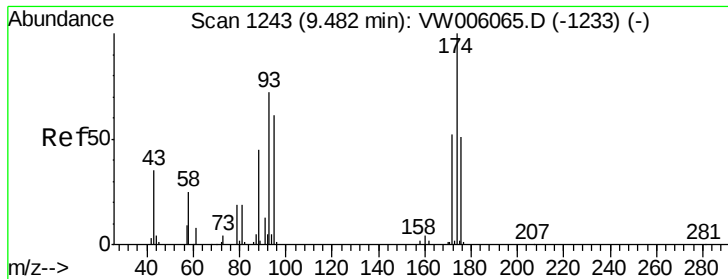
Acq: 15 Oct 2018 20:29

Tgt Ion:	41	Resp:	77220
Ion	Ratio	Lower	Upper
41	100		
69	92.1	71.8	107.8
39	65.0	52.5	78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





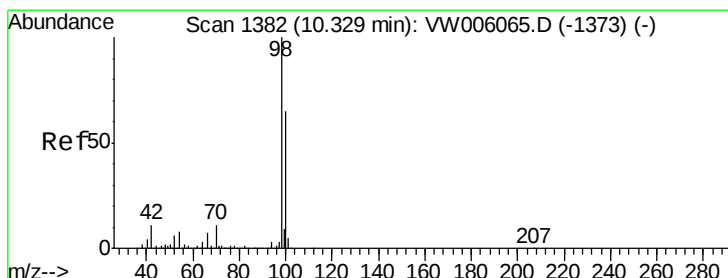
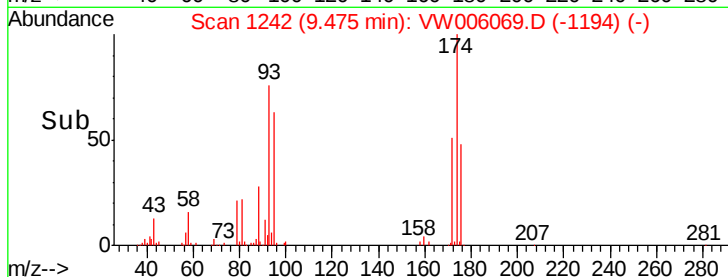
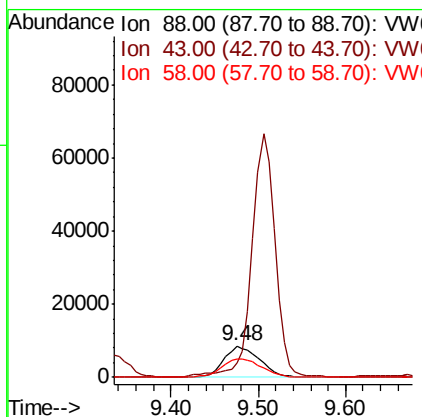
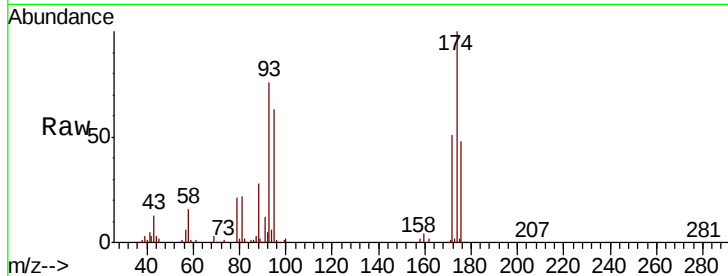
#49
1,4-Dioxane
Concen: 1058.546 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.9	51.2	76.8

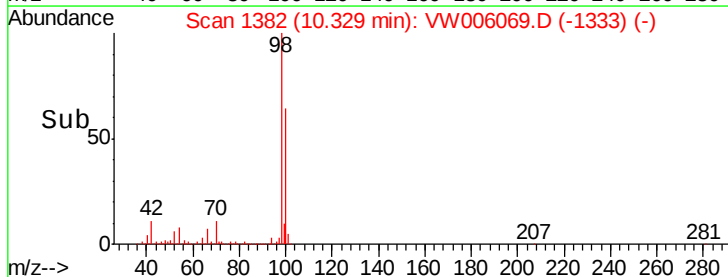
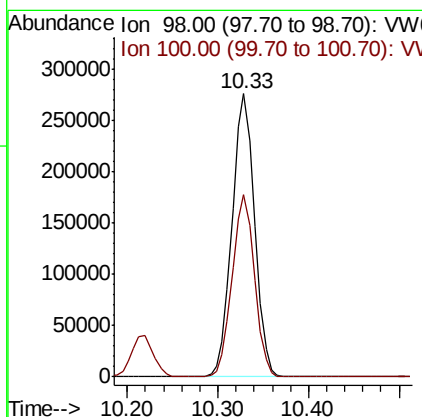
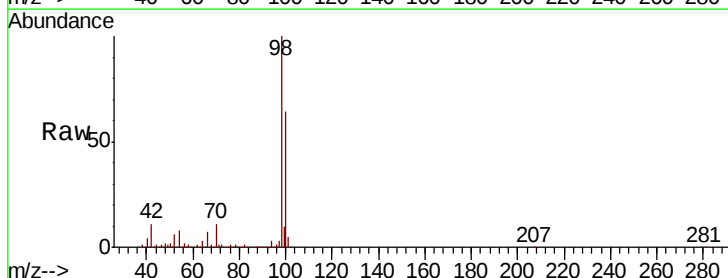
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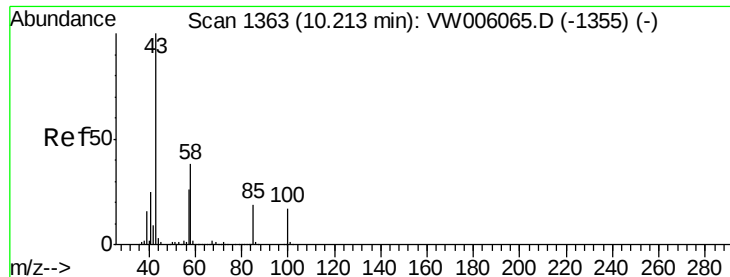
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#50
Toluene-d8
Concen: 49.224 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 266.195 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 43 Resp: 402529

Ion Ratio Lower Upper

43 100

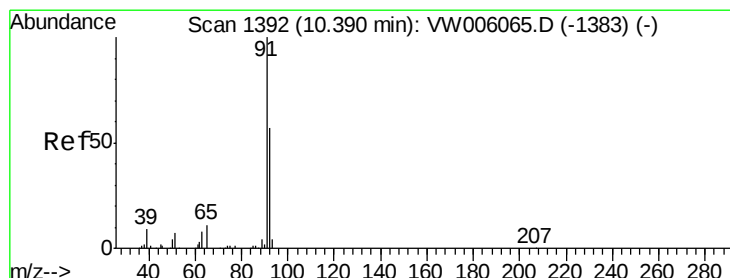
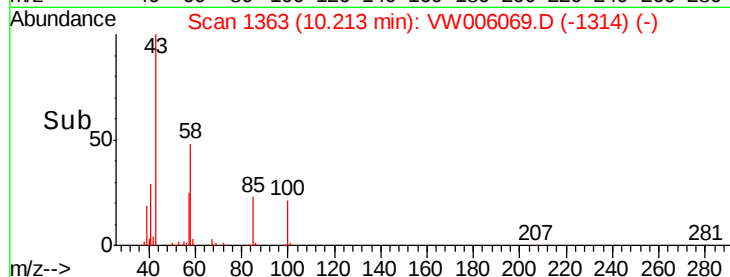
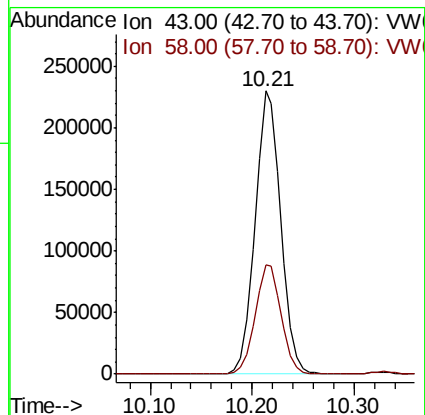
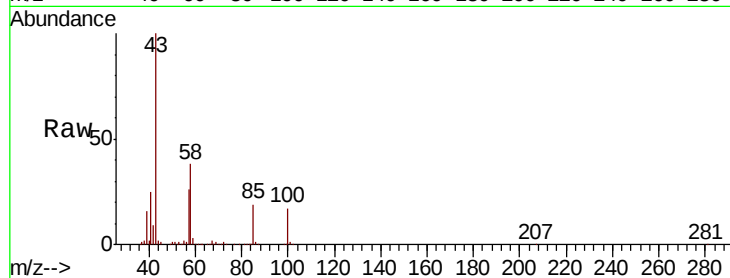
58 39.2 31.5 47.3

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#52

Toluene

Concen: 49.948 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006069.D

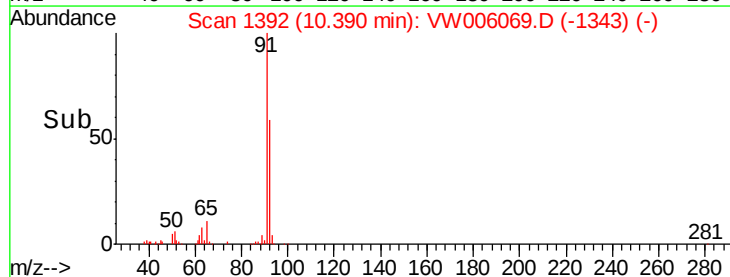
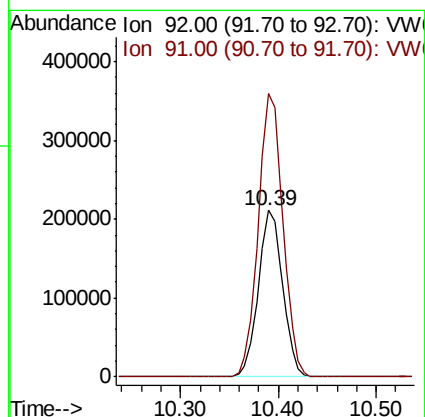
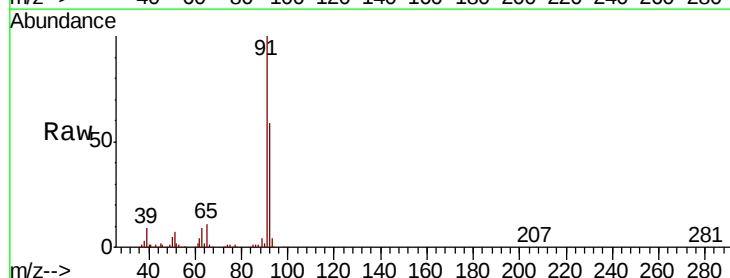
Acq: 15 Oct 2018 20:29

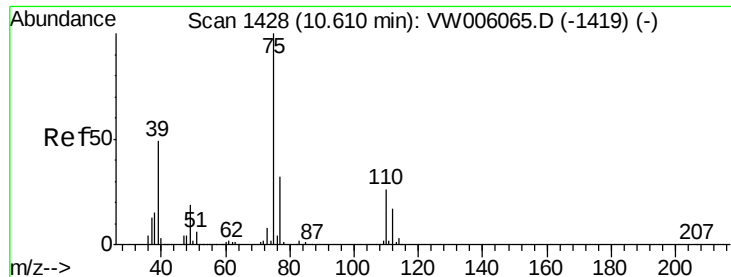
Tgt Ion: 92 Resp: 364935

Ion Ratio Lower Upper

92 100

91 172.2 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 52.912 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 75 Resp: 189967

Ion Ratio Lower Upper

75 100

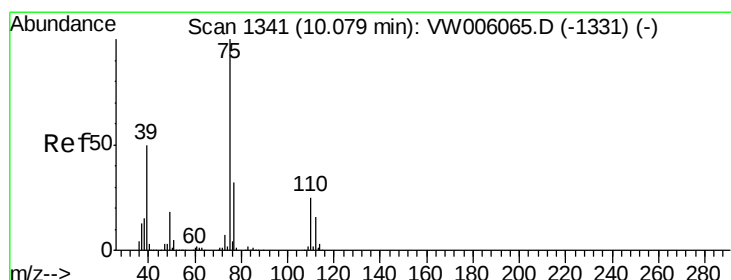
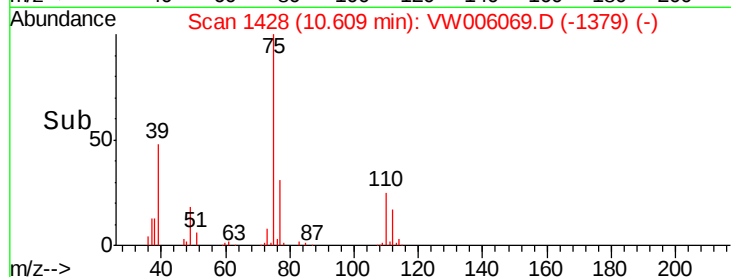
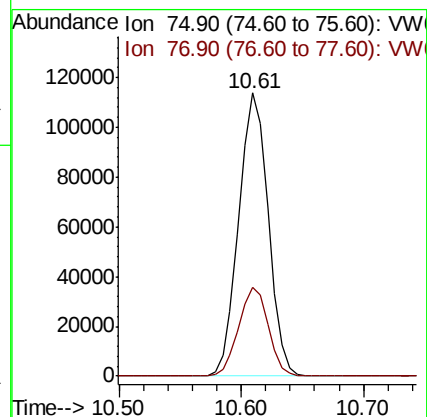
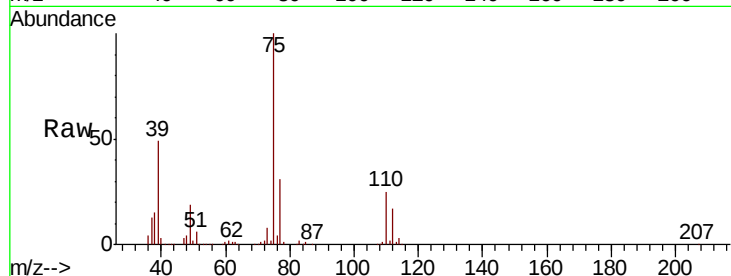
77 31.3 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 50.951 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

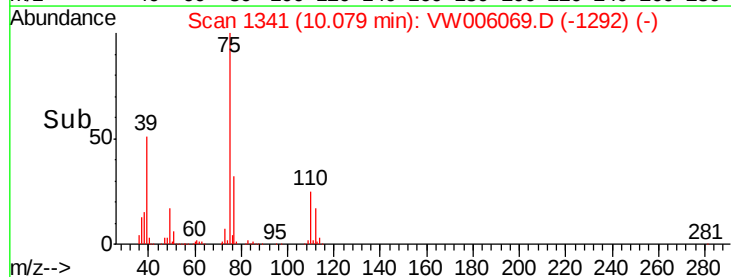
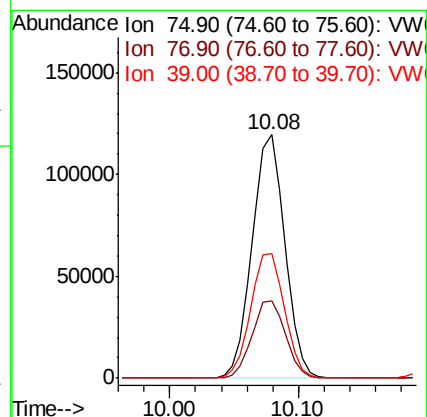
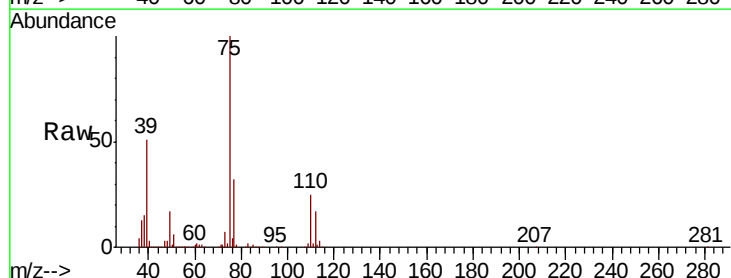
Tgt Ion: 75 Resp: 209945

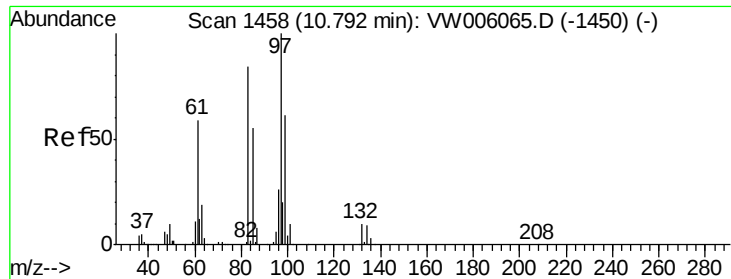
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 51.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 51.575 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

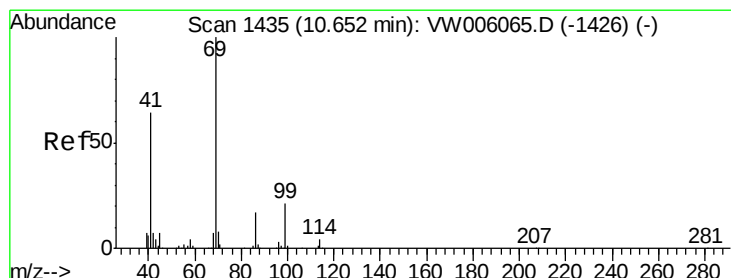
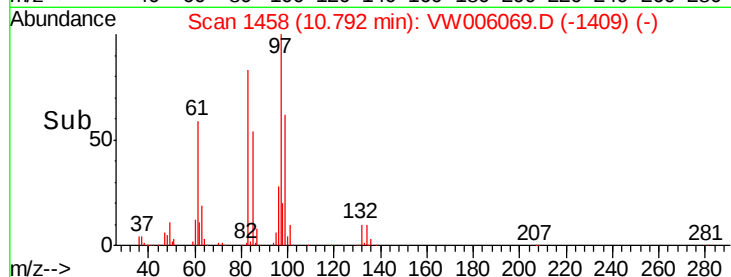
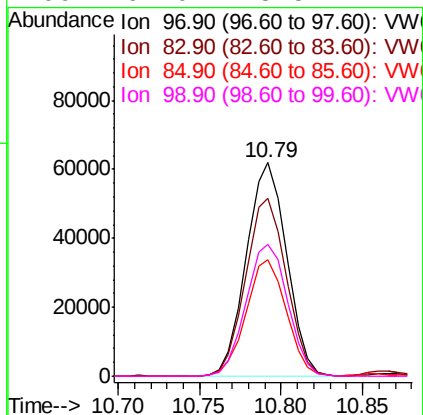
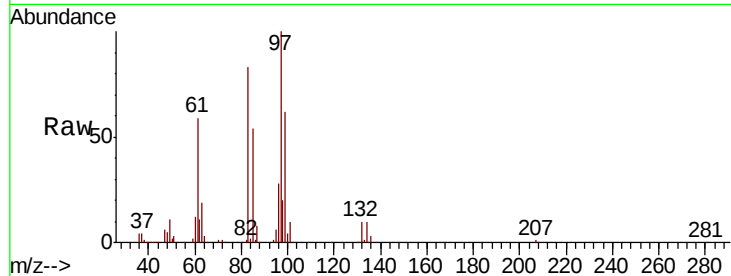
ClientSampleId :

ICVW101518

Tot Ion:	97	Resp:	107274
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	54.5	43.7	65.5
99	62.0	48.5	72.7

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#56

Ethyl methacrylate

Concen: 53.479 ug/l

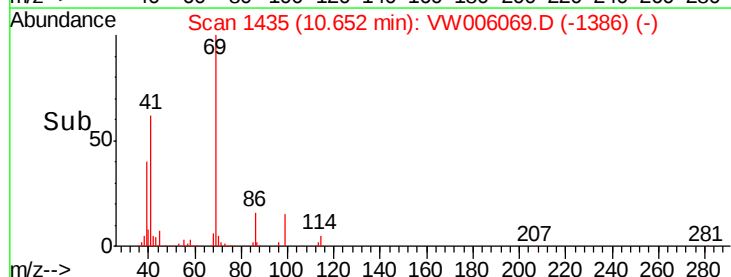
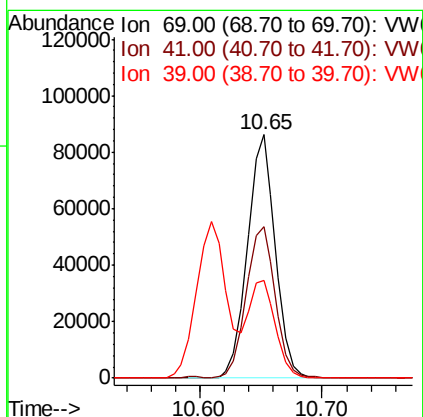
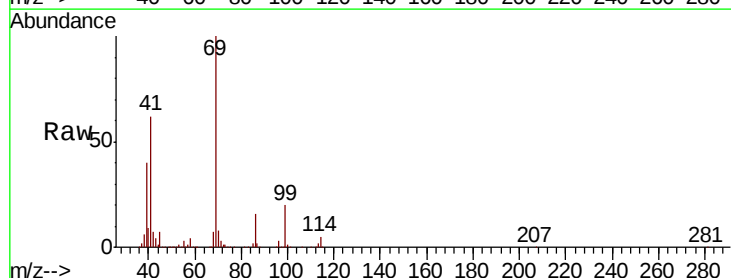
RT: 10.65 min Scan# 1435

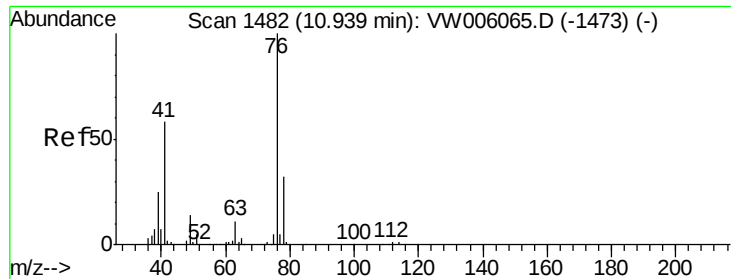
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	69	Resp:	136363
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.8	79.2
39	38.0	30.6	45.8





#57

1,3-Dichloropropane

Concen: 51.440 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

ClientSampleId :

ICVW101518

Tot Ion: 76 Resp: 177113

Ion Ratio Lower Upper

76 100

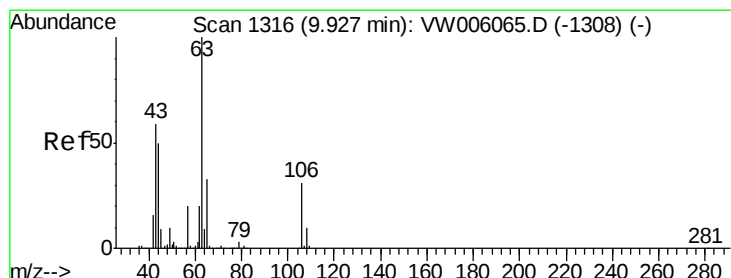
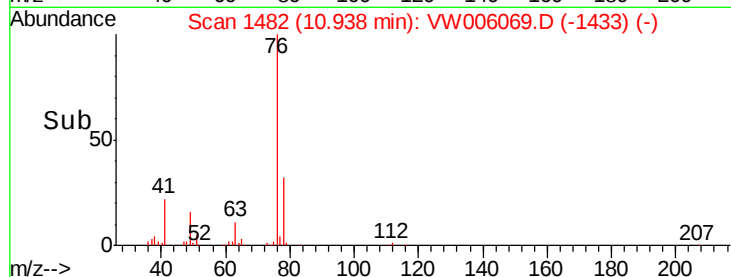
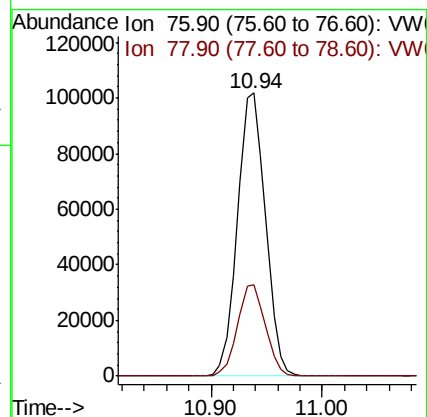
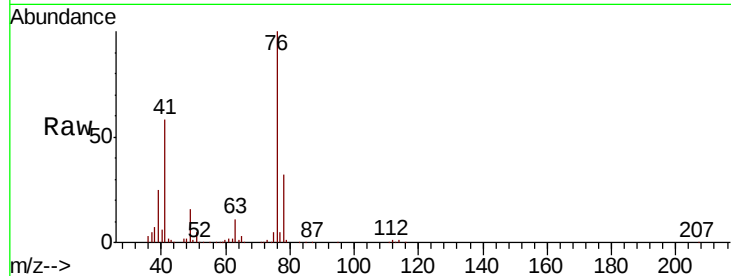
78 32.2 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 264.874 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006069.D

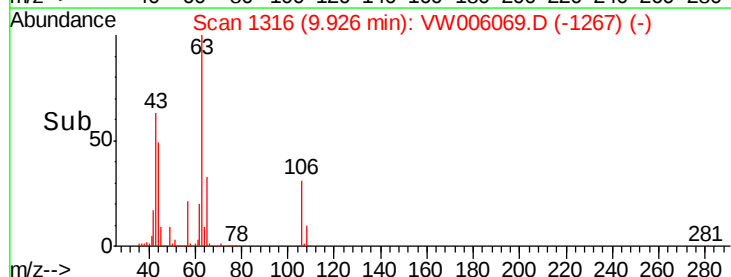
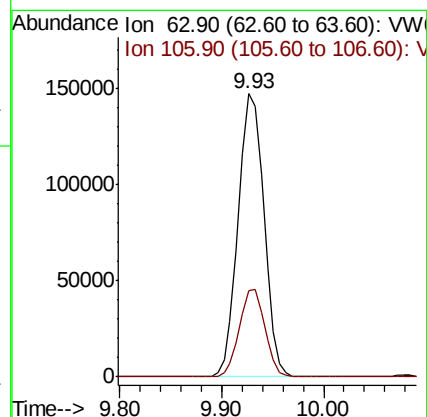
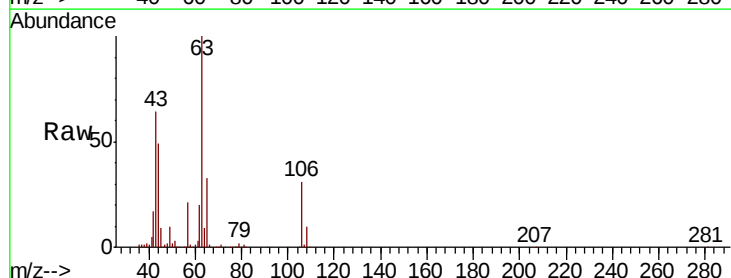
Acq: 15 Oct 2018 20:29

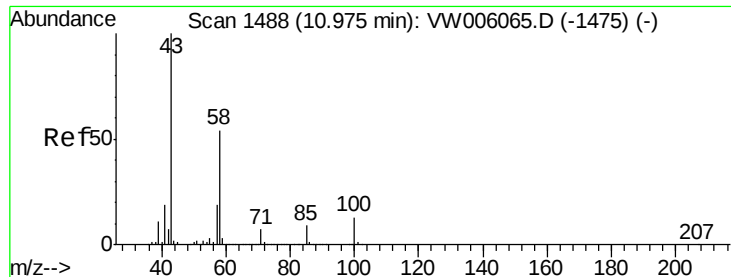
Tgt Ion: 63 Resp: 258072

Ion Ratio Lower Upper

63 100

106 30.6 24.5 36.7





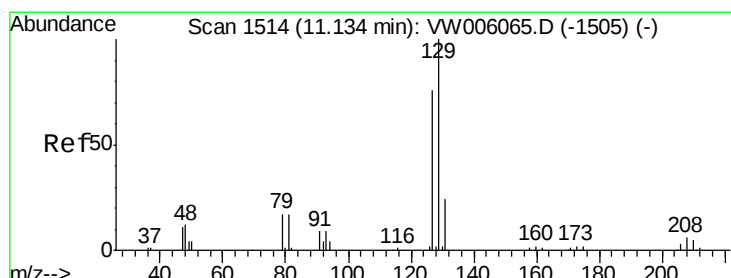
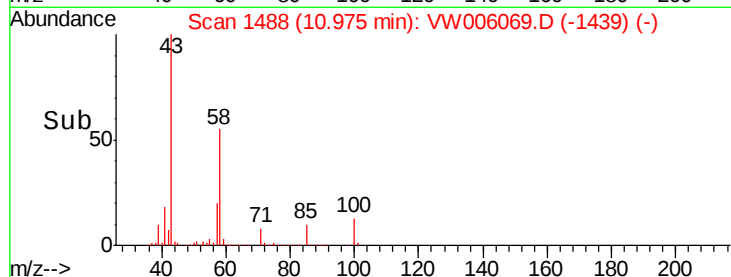
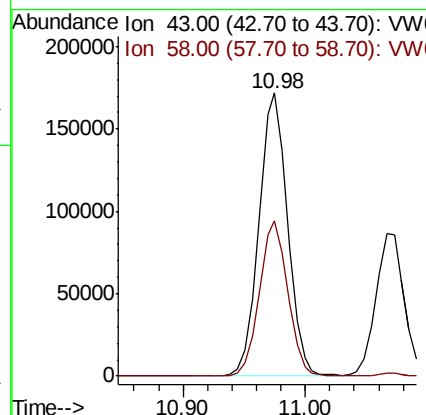
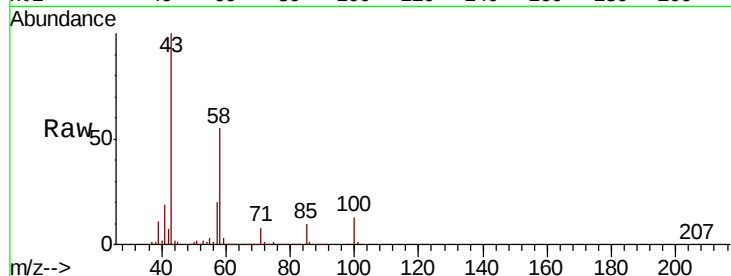
#59
2-Hexanone
Concen: 260.103 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.3	26.9	80.6

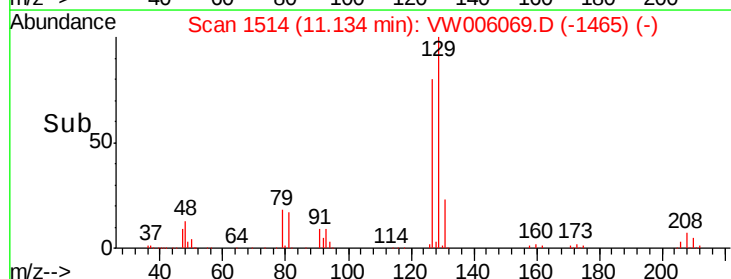
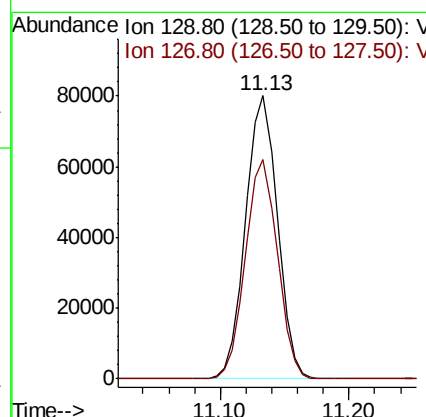
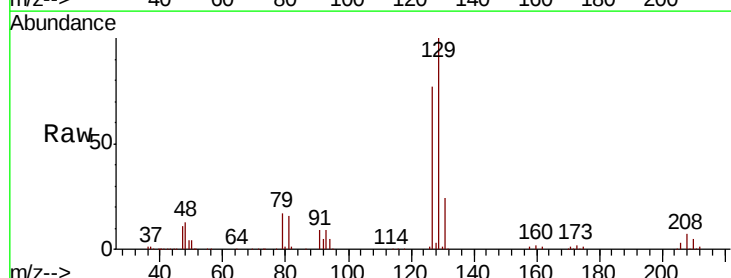
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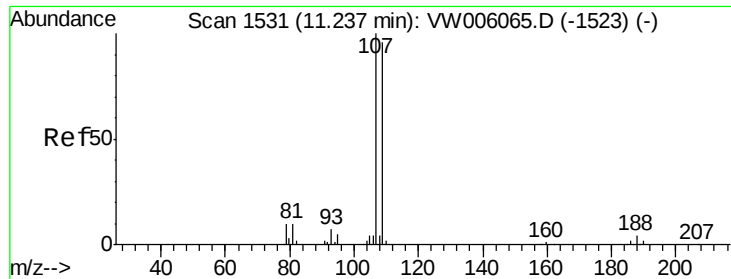
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#60
Dibromochloromethane
Concen: 52.884 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.6	115.7





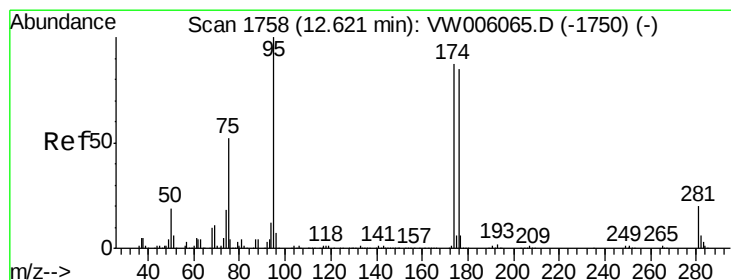
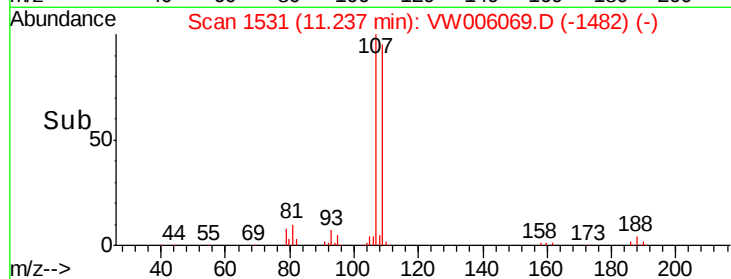
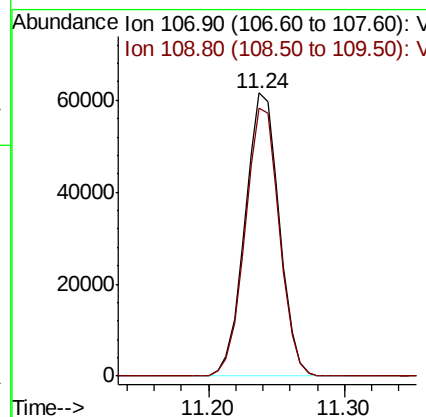
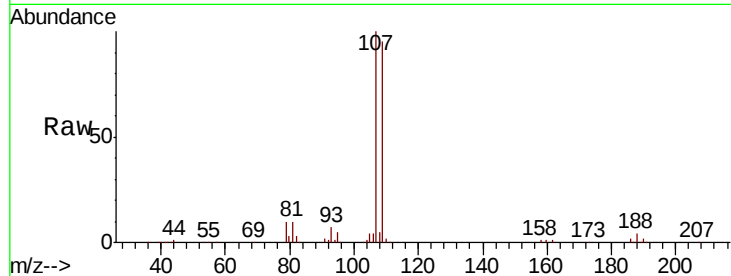
#61
 1,2-Dibromoethane
 Concen: 52.102 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Tot Ion	Ratio	Resp	Lower	Upper
107	100	108281		
109	95.1	76.3	114.5	

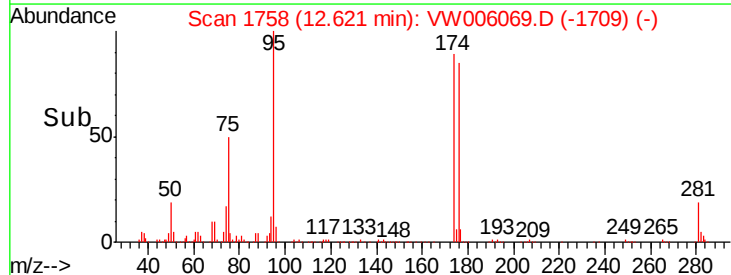
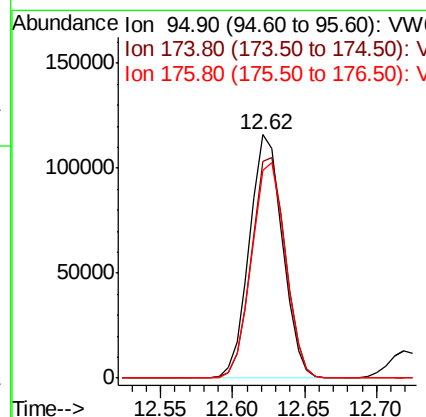
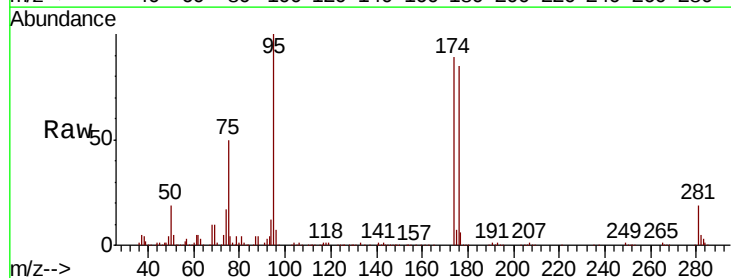
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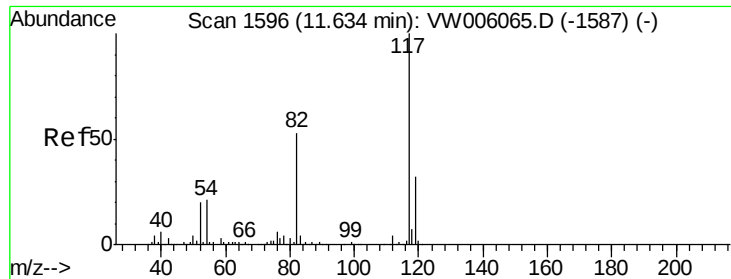
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.848 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	185054		
174	92.5	0.0	186.0	
176	90.0	0.0	181.6	





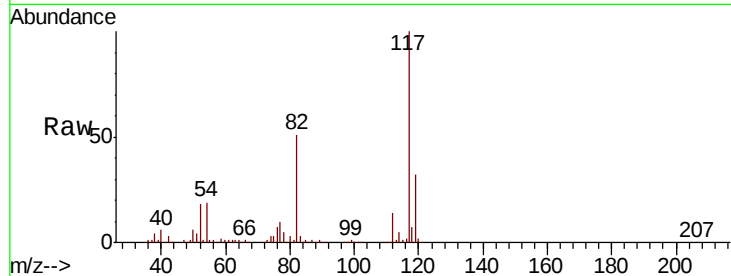
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398226		
82	50.8		42.1	63.1
119	31.9		25.8	38.6

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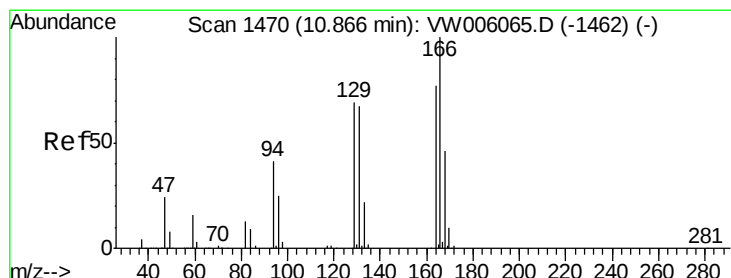
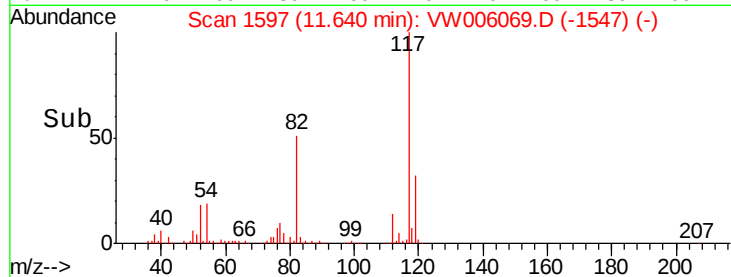
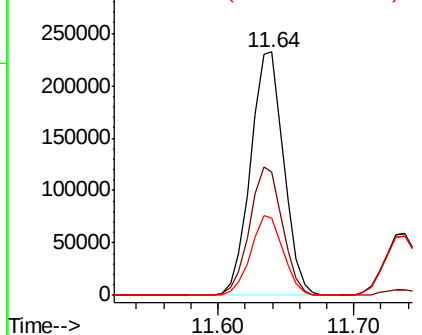


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 48.554 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150102		
166	127.8		103.4	155.0
129	90.6		71.8	107.8
131	86.0		69.5	104.3

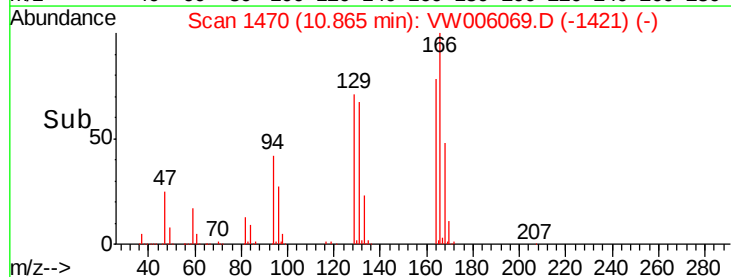
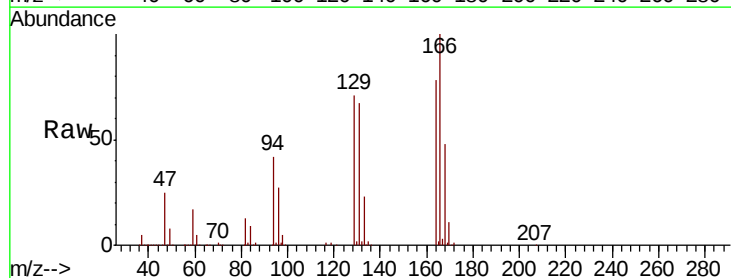
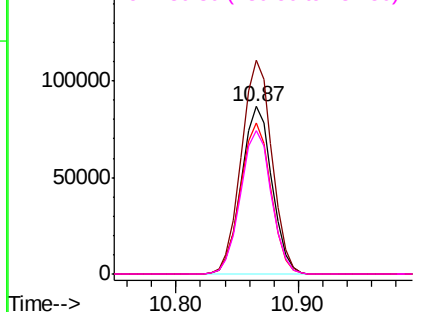
Abundance

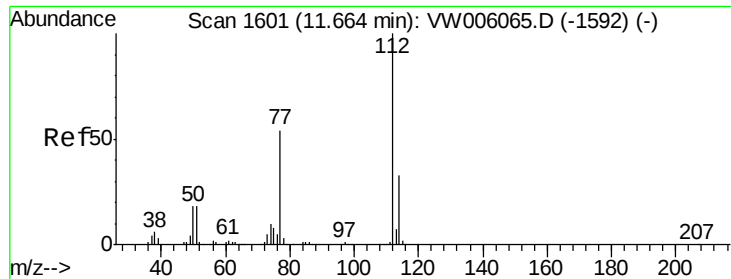
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





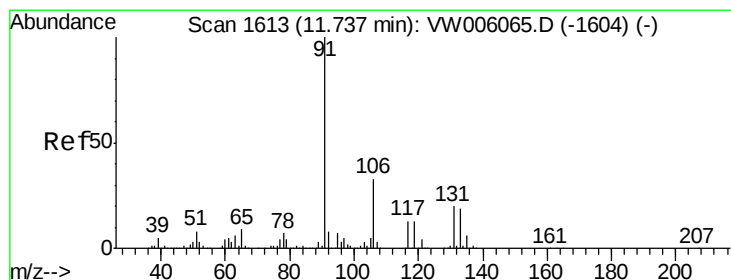
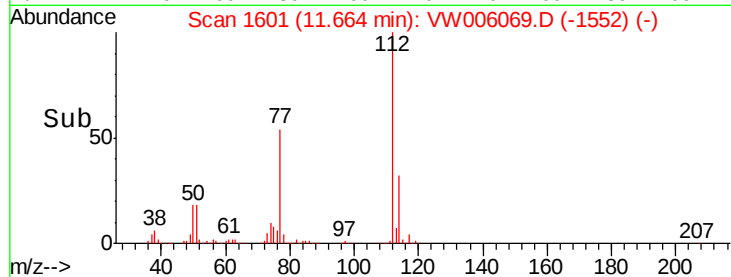
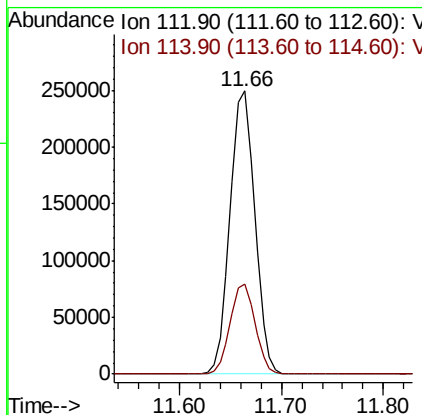
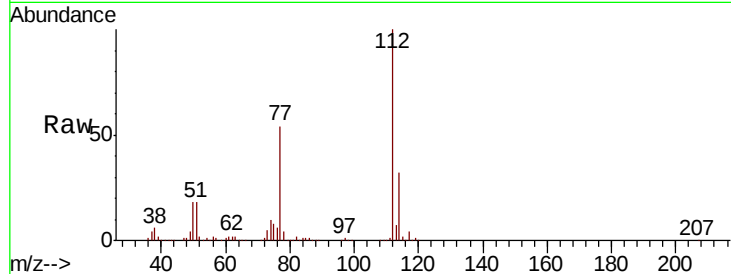
#65
Chlorobenzene
Concen: 49.283 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.2

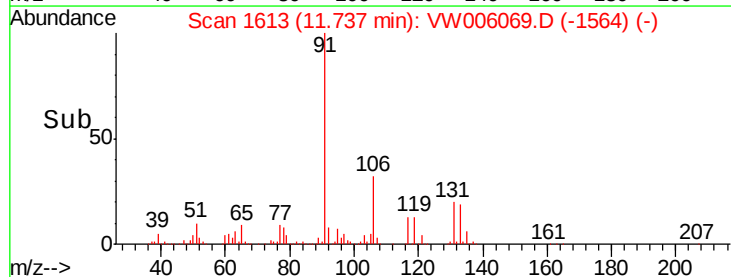
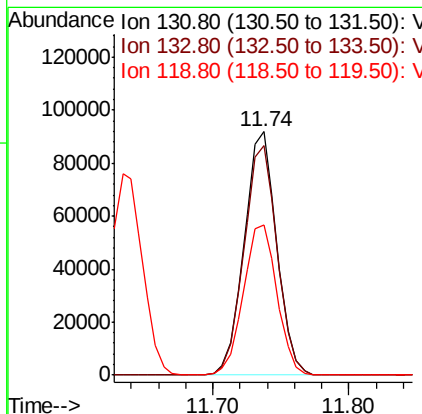
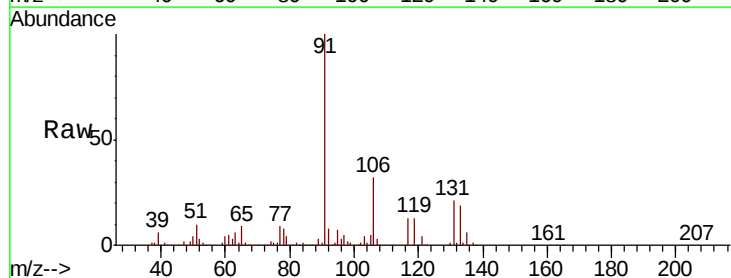
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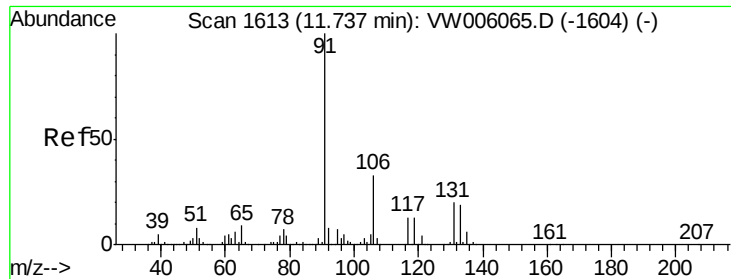
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.652 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.1	144.3
119	63.8	31.6	94.7





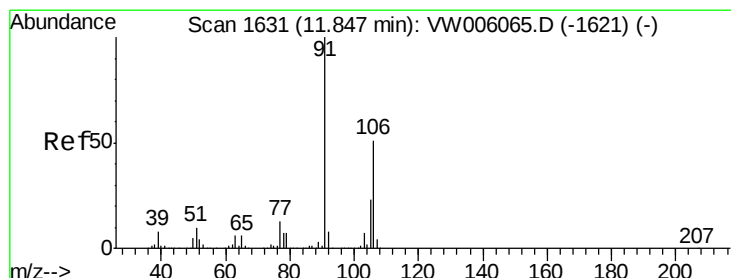
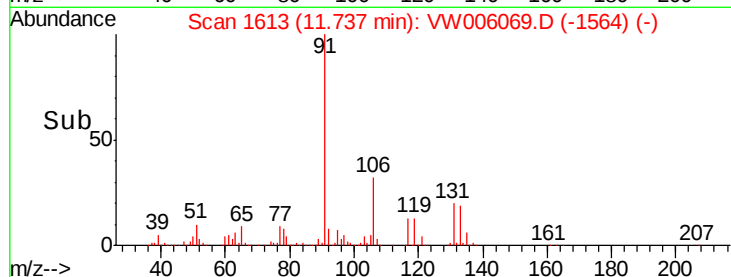
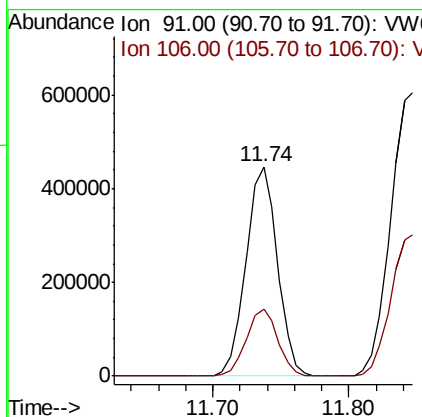
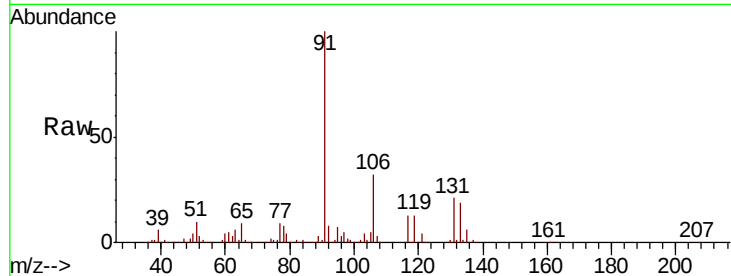
#67
Ethyl Benzene
Concen: 49.040 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion: 91 Resp: 724506
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1

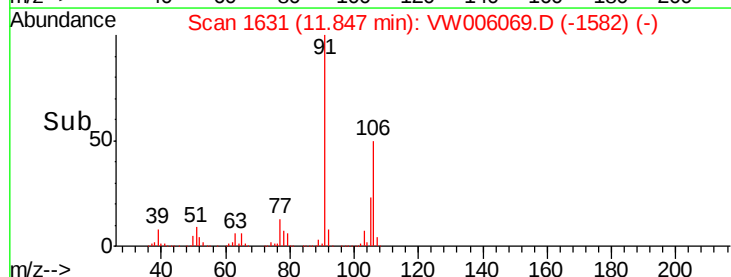
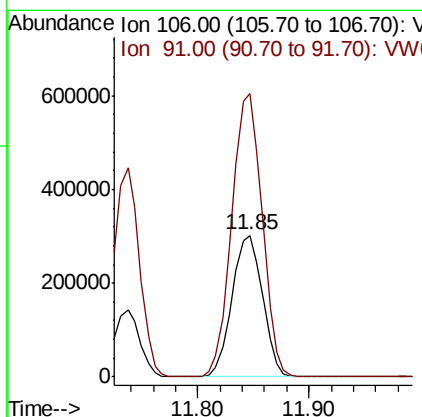
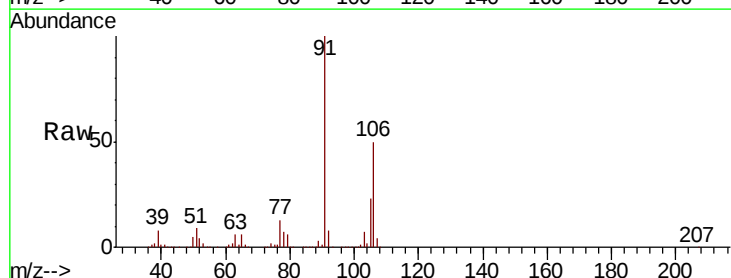
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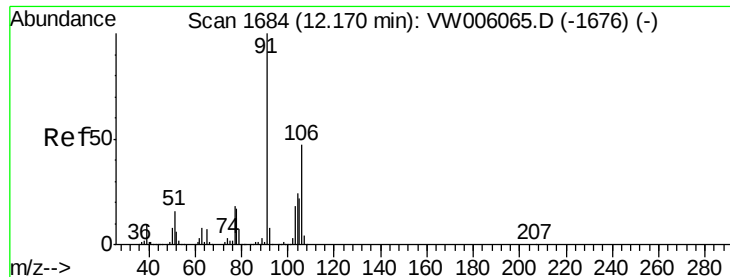
apatel
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#68
m/p-Xylenes
Concen: 98.232 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion: 106 Resp: 573615
Ion Ratio Lower Upper
106 100
91 199.0 159.1 238.7





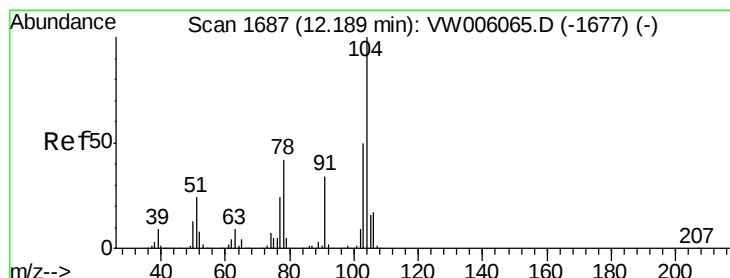
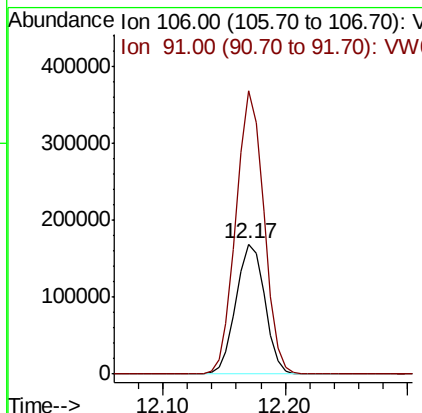
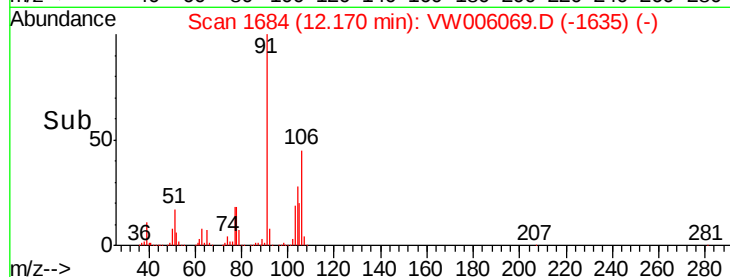
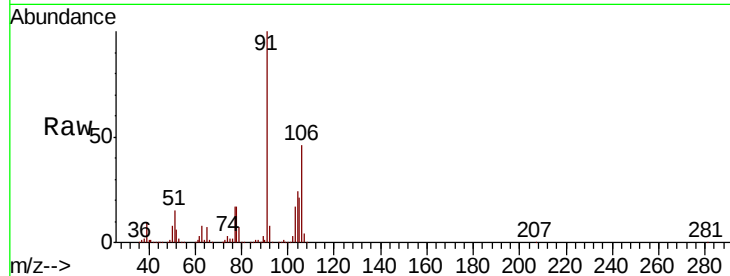
#69
o-Xylene
Concen: 49.750 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	210.2	105.4	316.1

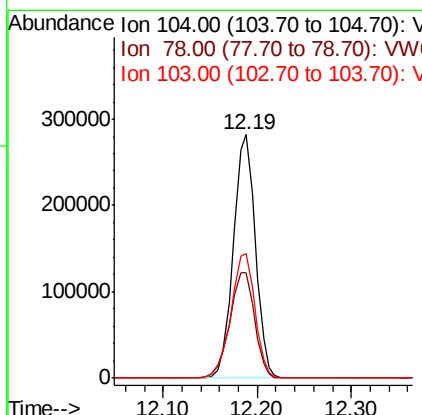
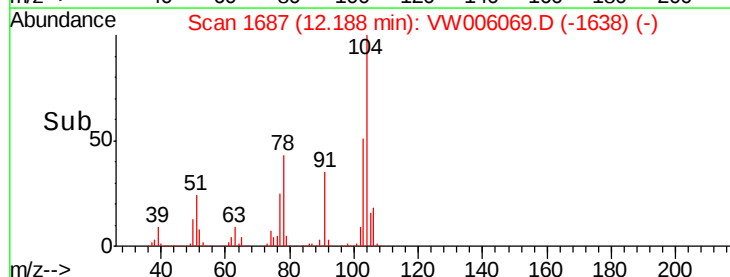
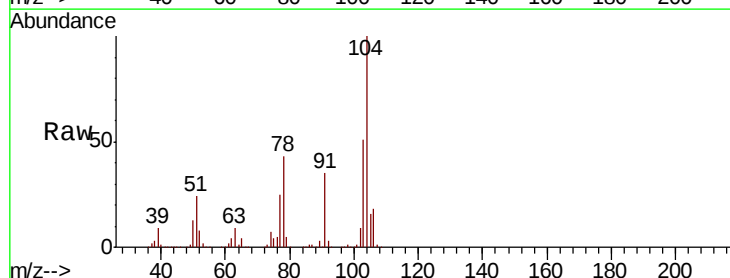
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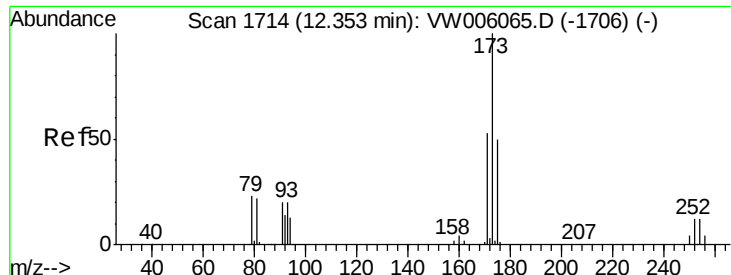
apatel
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#70
Styrene
Concen: 50.436 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.8	39.1	58.7
103	103	55.6	44.3	66.5





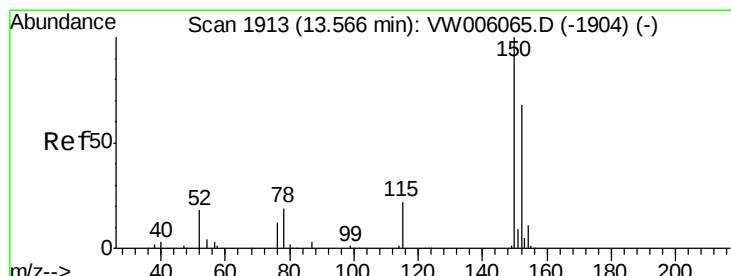
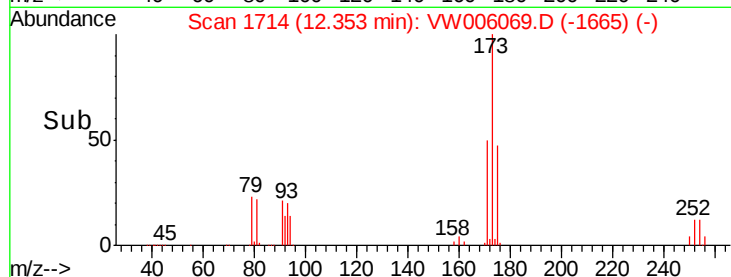
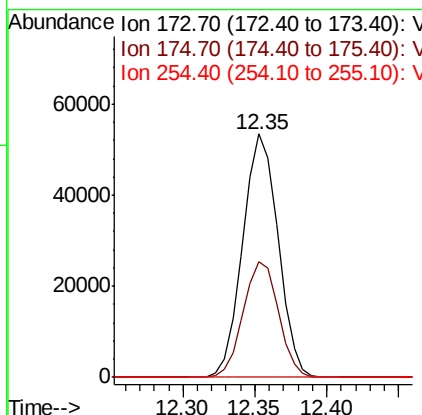
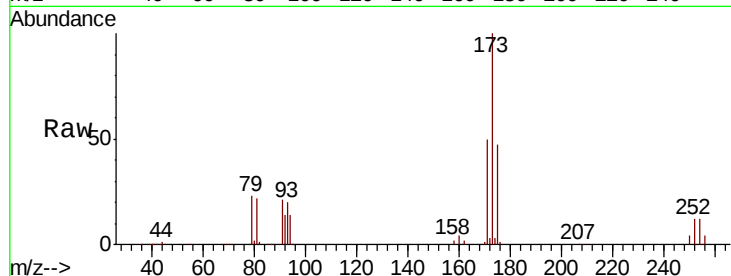
#71
Bromoform
Concen: 53.770 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.2	72.6
254	0.0	0.1	0.1#

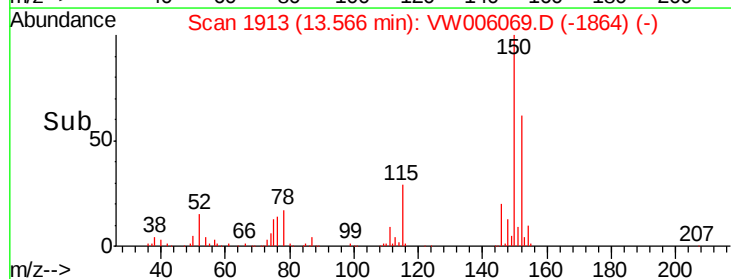
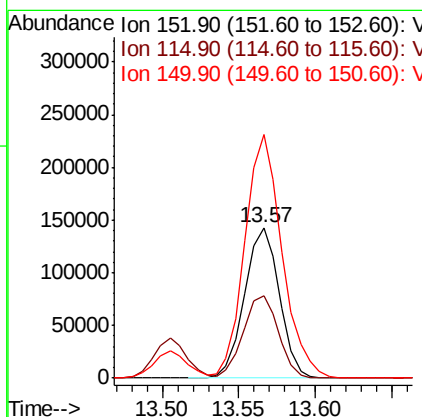
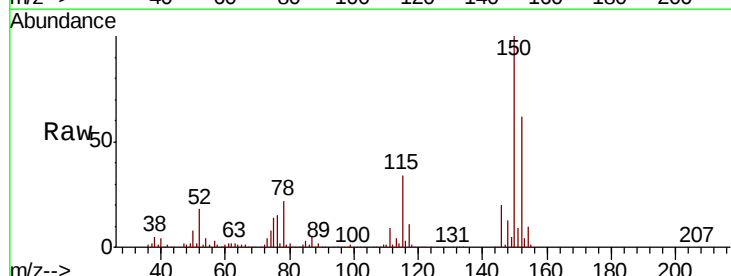
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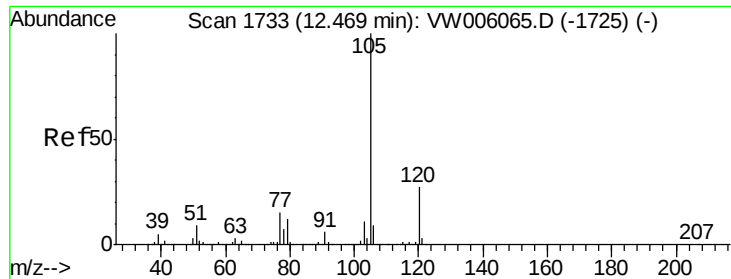
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.3
150	173.2	0.0	349.2





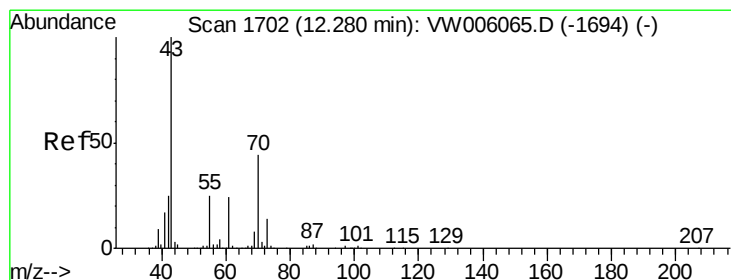
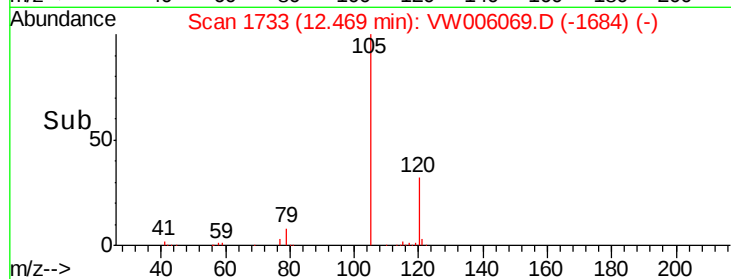
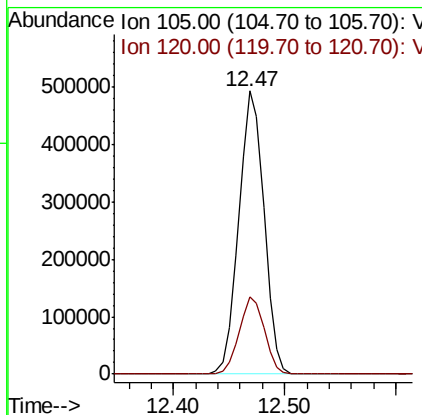
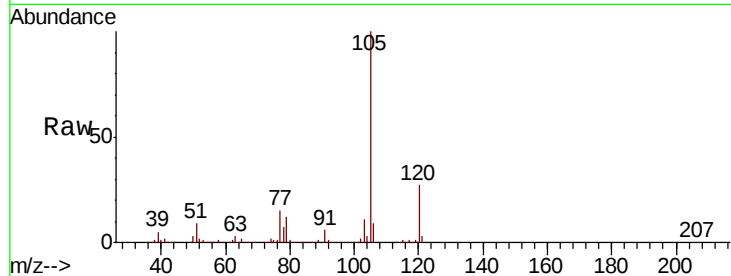
#73
Isopropylbenzene
Concen: 48.421 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.6	40.7

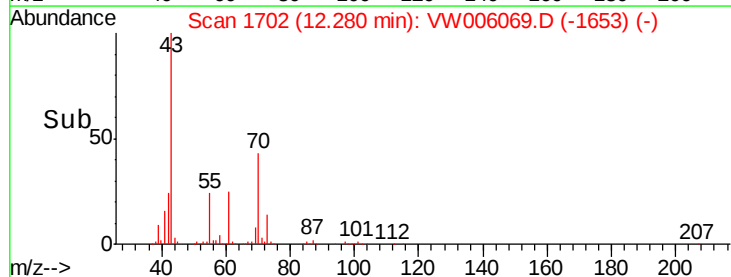
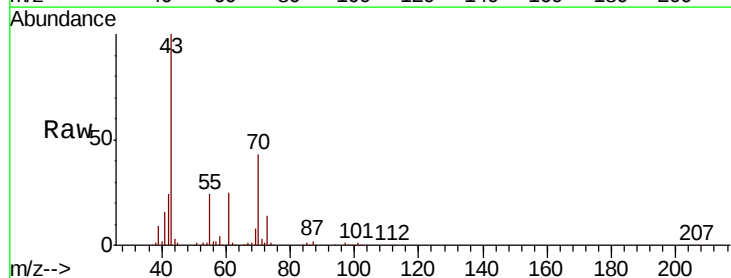
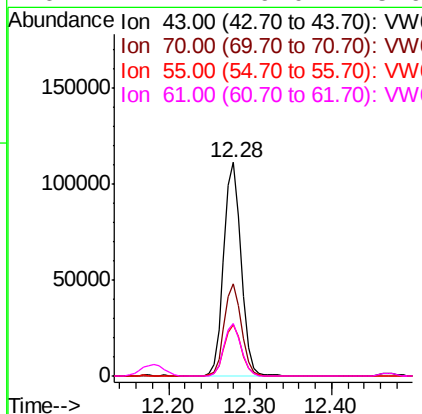
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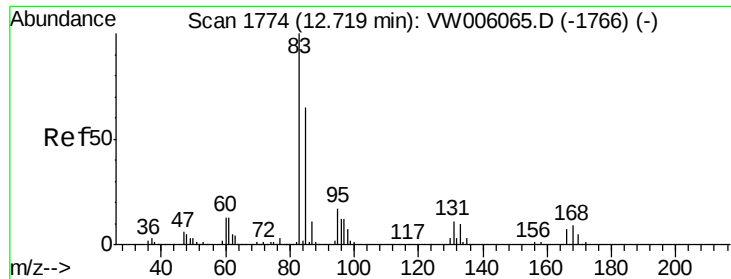
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#74
N-ethyl acetate
Concen: 53.002 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.6	34.2	51.4
55	23.8	19.2	28.8
61	24.2	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.780 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

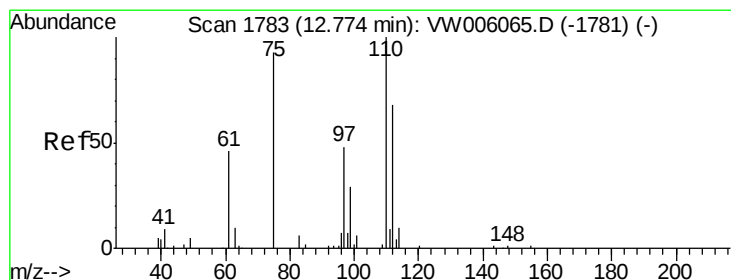
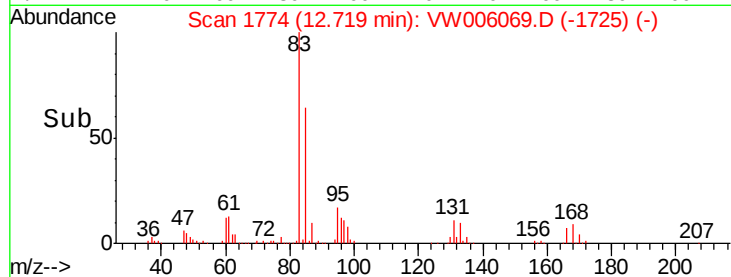
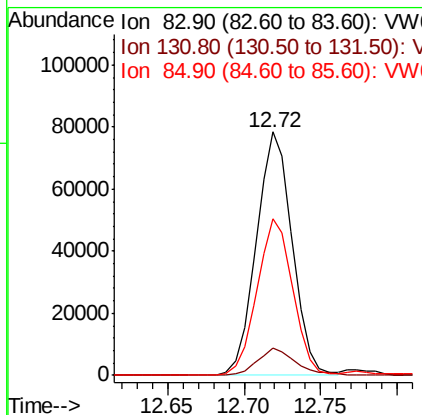
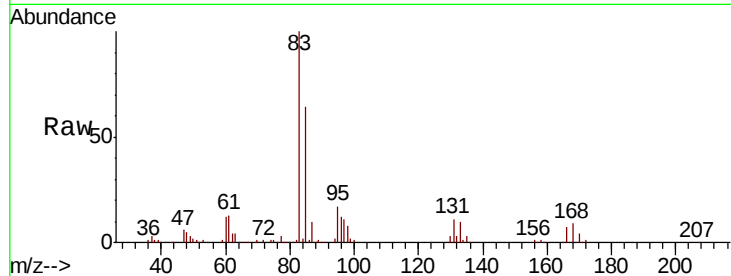
ClientSampleId :

ICVW101518

Tot Ion:	83	Resp:	128071
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 59.427 ug/l m

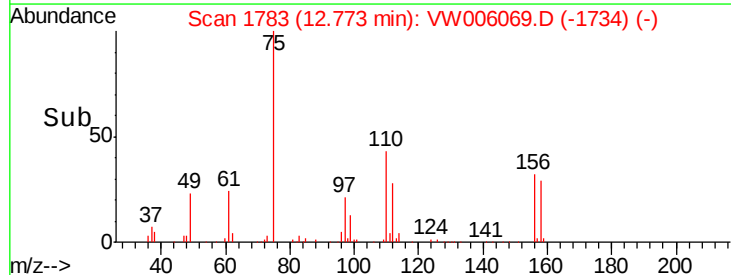
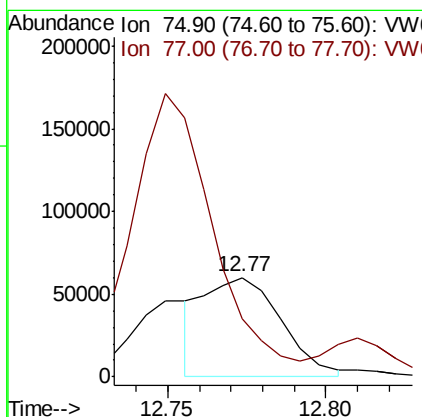
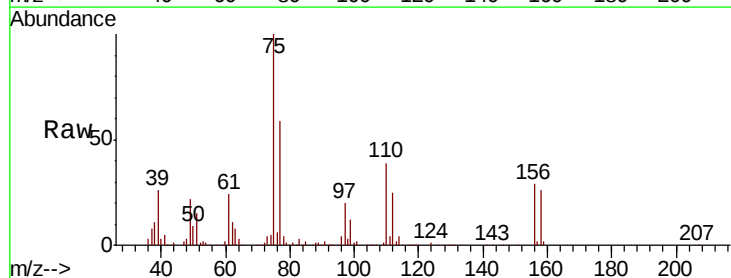
RT: 12.77 min Scan# 1783

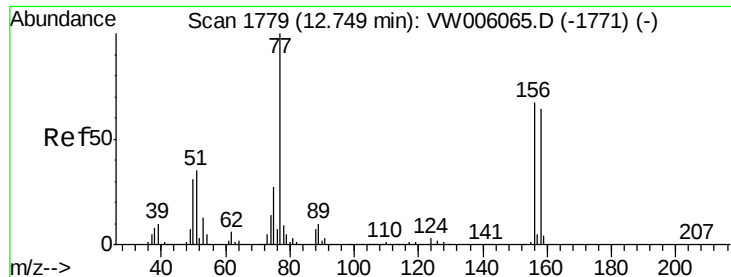
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	75	Resp:	102502
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.932 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

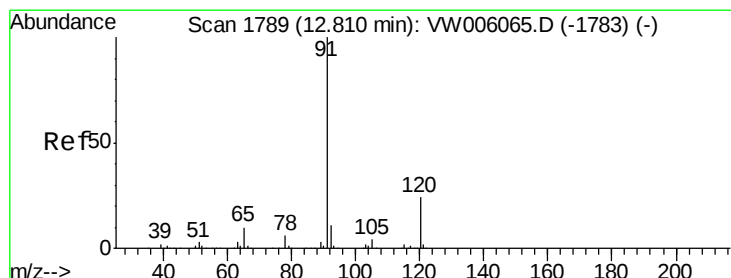
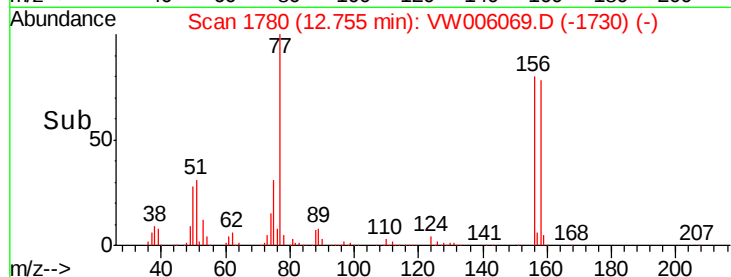
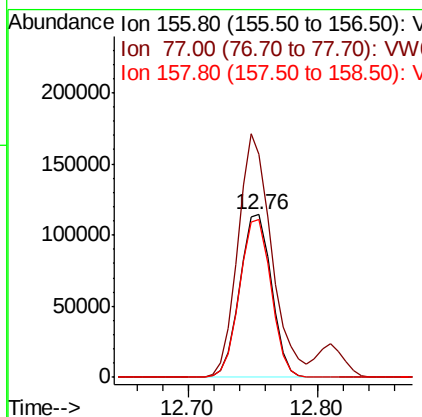
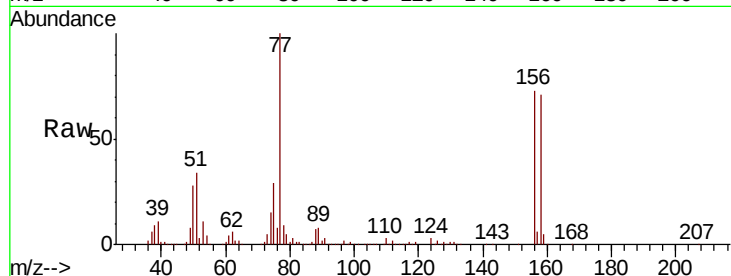
ClientSampleId :

ICVW101518

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.0	79.1	237.4
158	96.3	48.5	145.6

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#78

n-propylbenzene

Concen: 48.112 ug/l

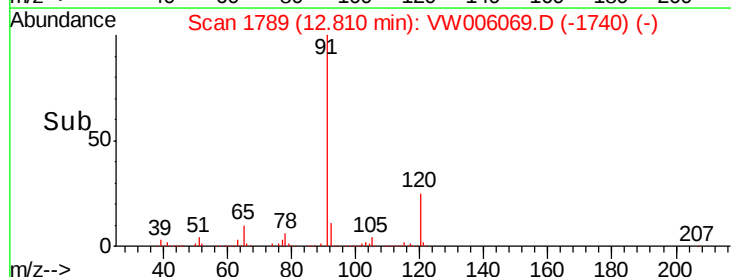
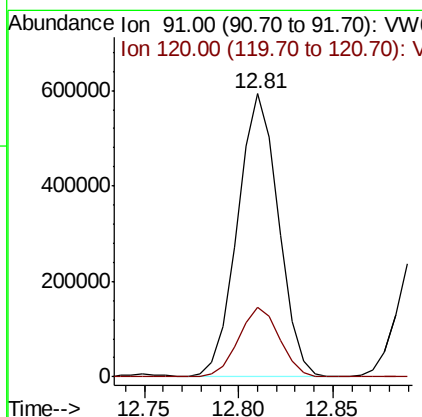
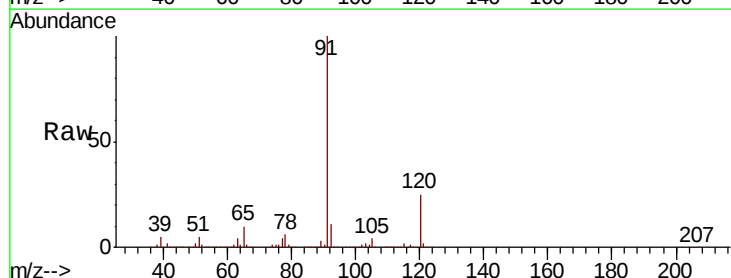
RT: 12.81 min Scan# 1789

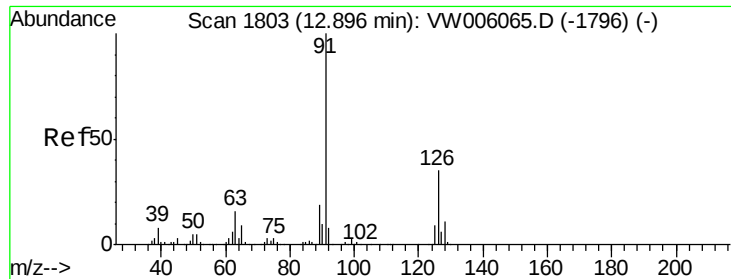
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.6





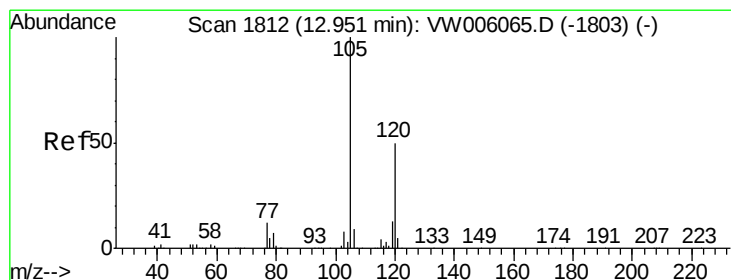
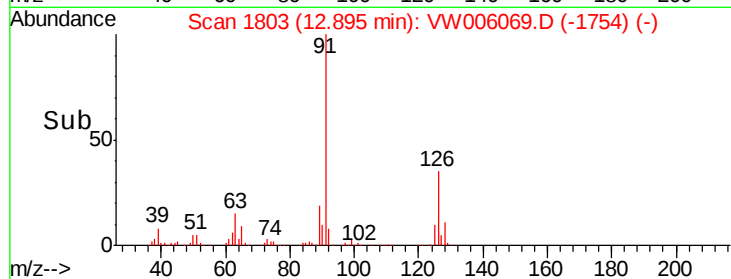
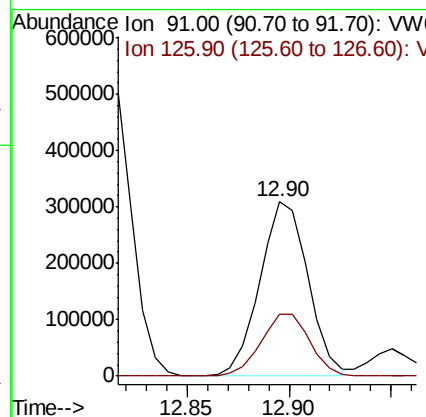
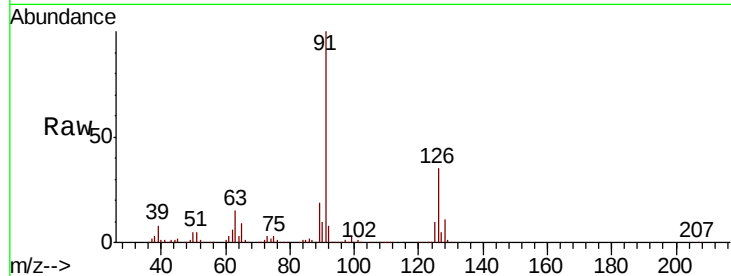
#79
 2-Chlorotoluene
 Concen: 48.636 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Tot Ion: 91 Resp: 507203
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.9 53.8

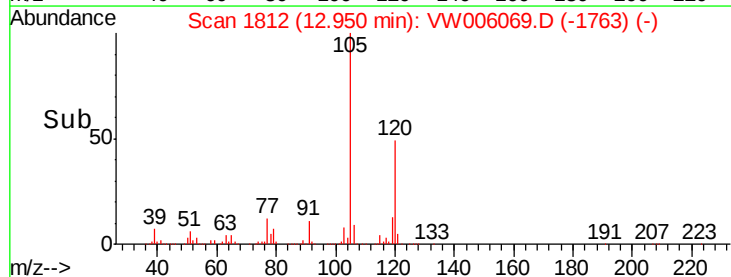
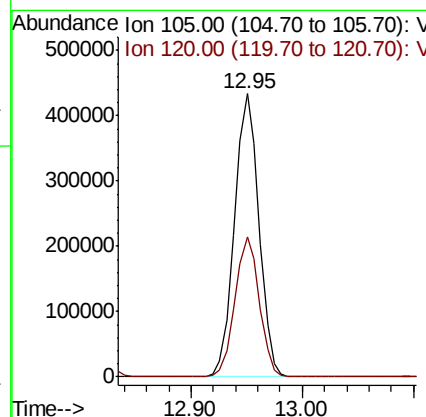
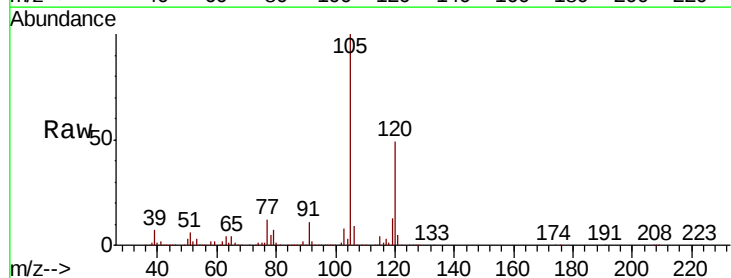
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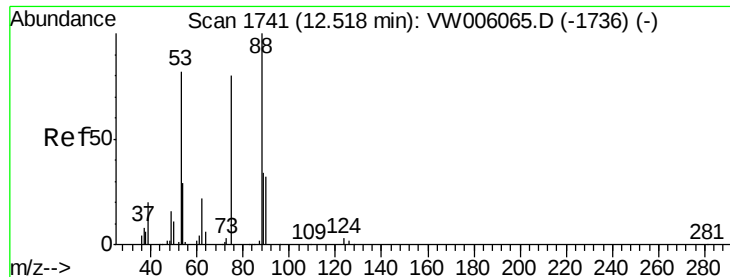
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.764 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Tgt Ion: 105 Resp: 655847
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.9 74.6





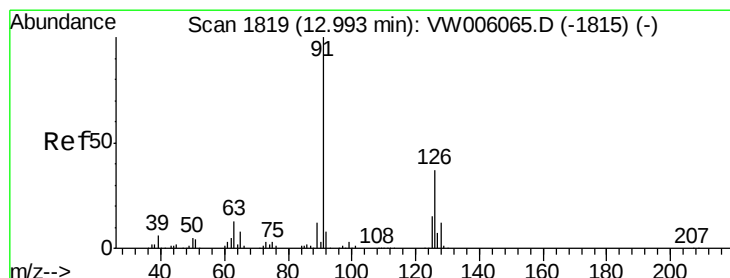
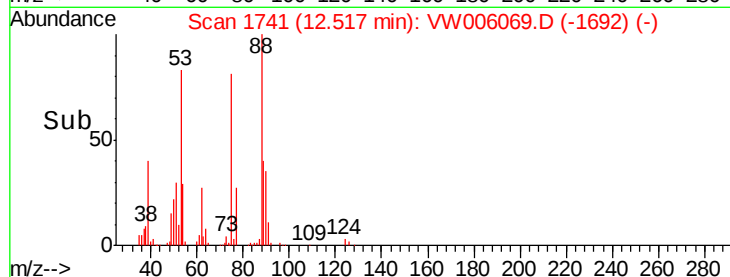
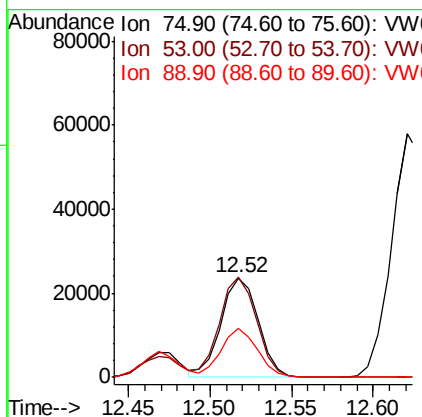
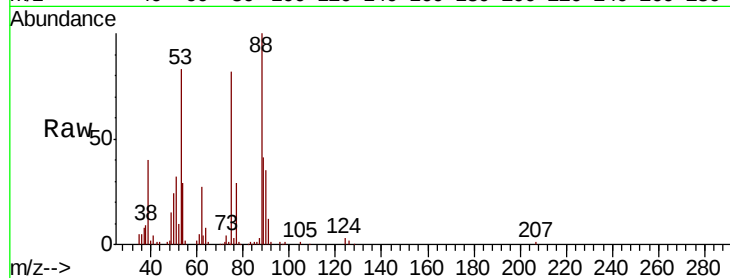
#81
trans-1,4-Dichloro-2-butene
Concen: 52.643 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.8	119.6
89	48.0	37.5	56.3

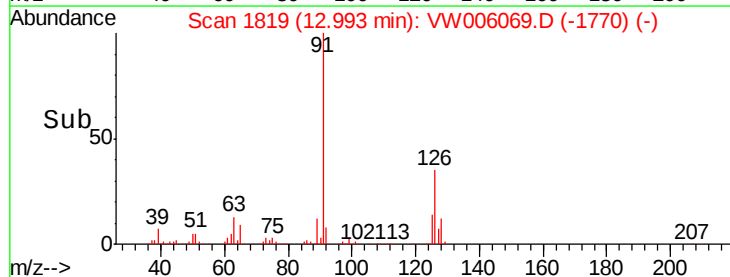
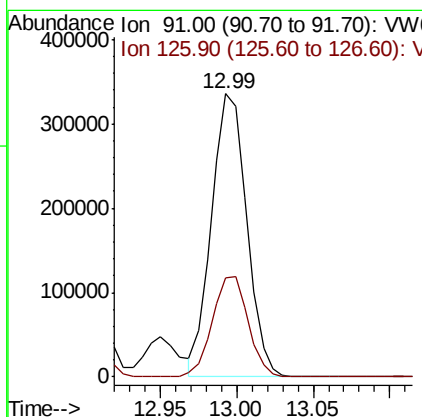
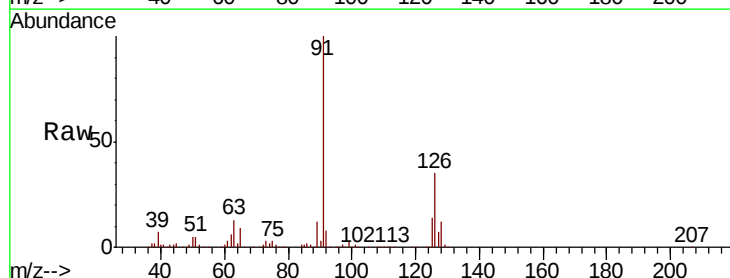
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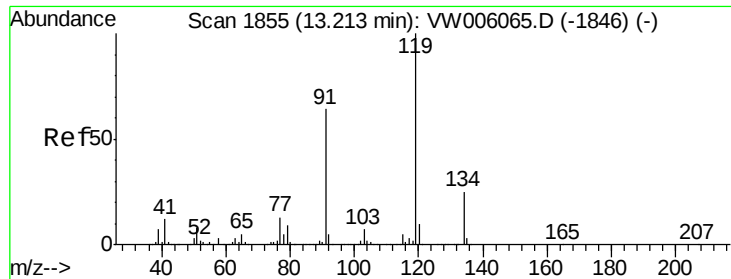
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#82
4-Chlorotoluene
Concen: 49.083 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.1	54.3





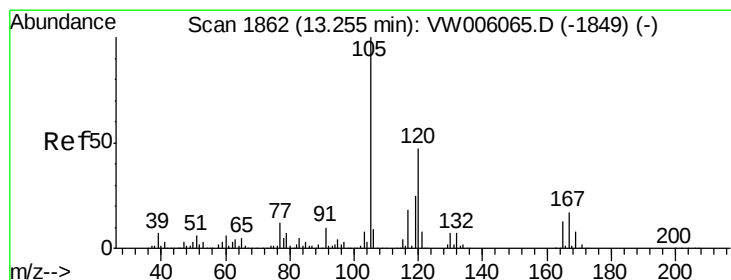
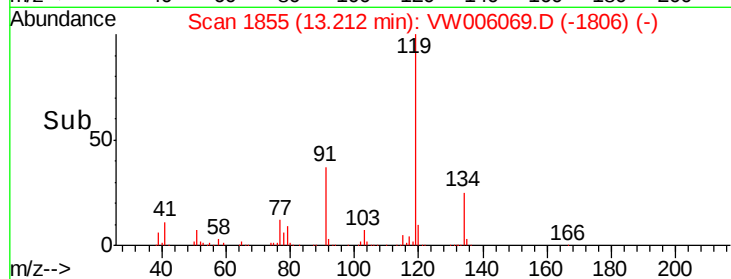
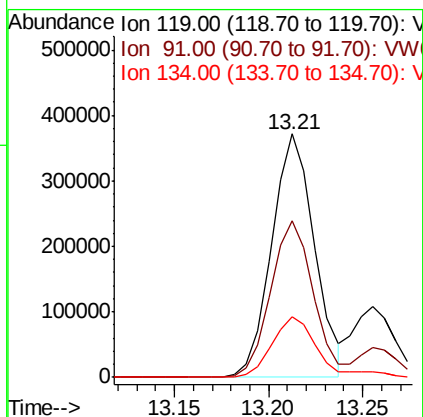
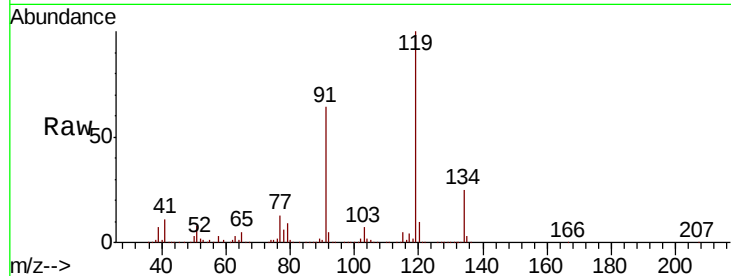
#83
tert-Butylbenzene
Concen: 48.614 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Resp	Lower	Upper
119	100	584979		
91	64.8		32.3	96.9
134	26.9		13.6	40.8

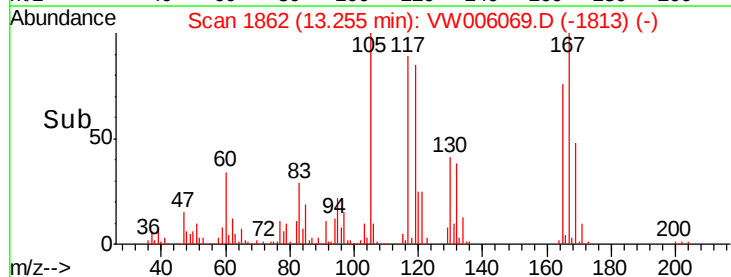
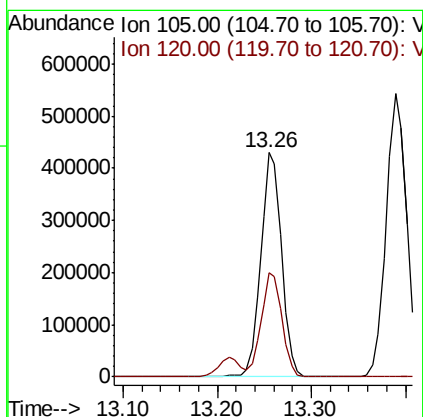
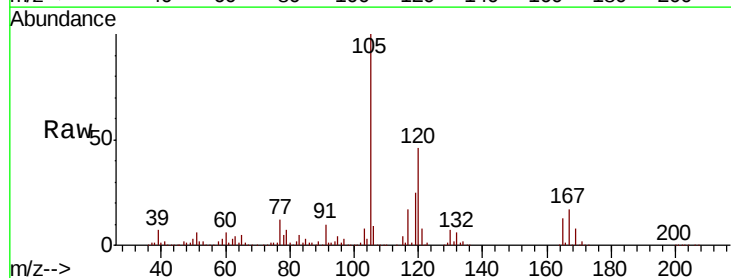
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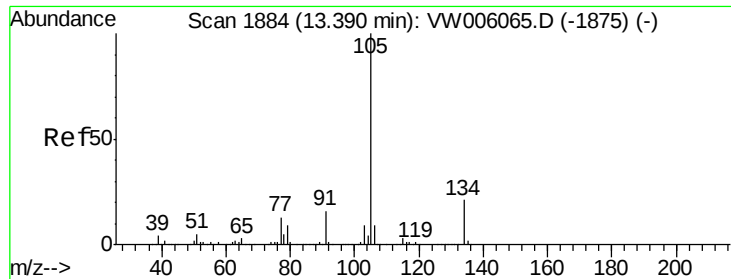
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#84
1,2,4-Trimethylbenzene
Concen: 49.237 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	670092		
120	45.9		23.1	69.3





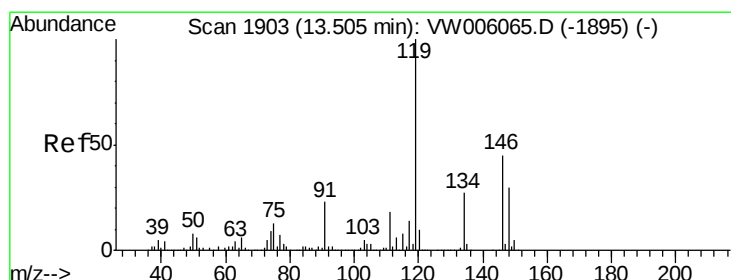
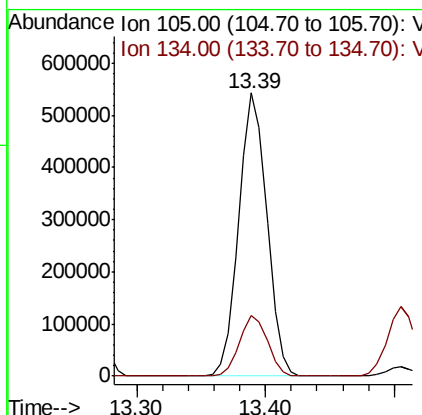
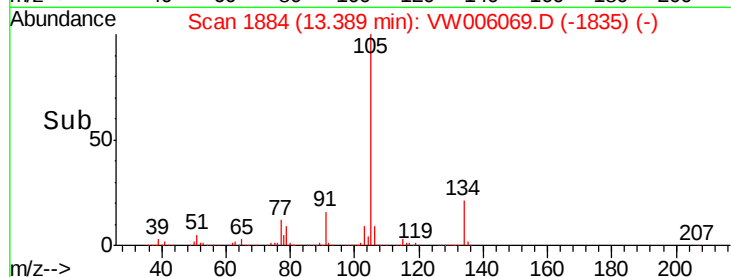
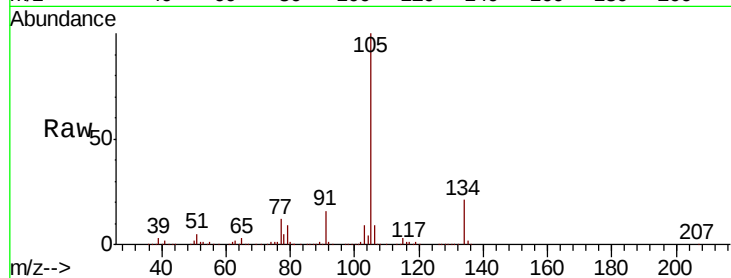
#85
 sec-Butylbenzene
 Concen: 48.301 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

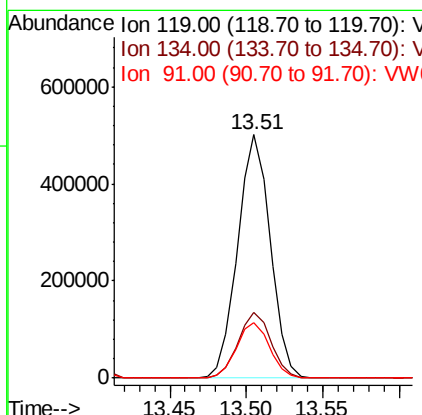
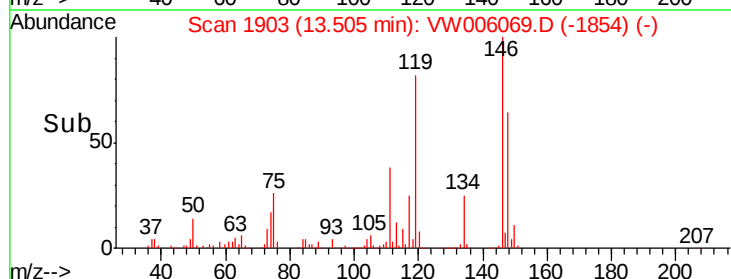
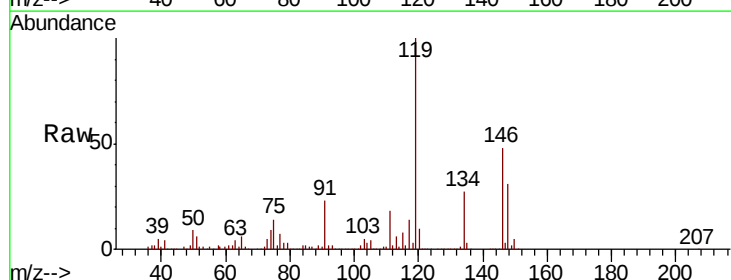
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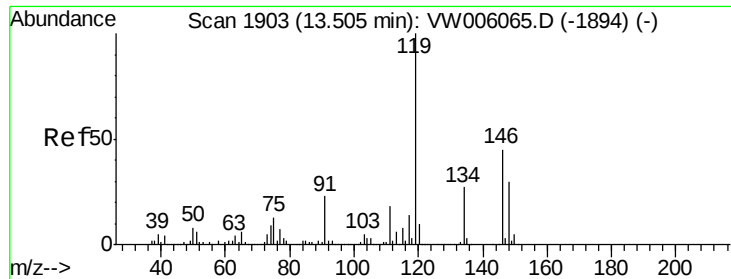
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#86
 p-Isopropyltoluene
 Concen: 48.246 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.4	40.2
91	23.0	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 49.557 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006069.D

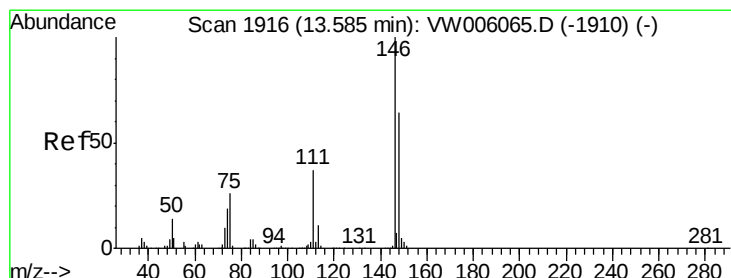
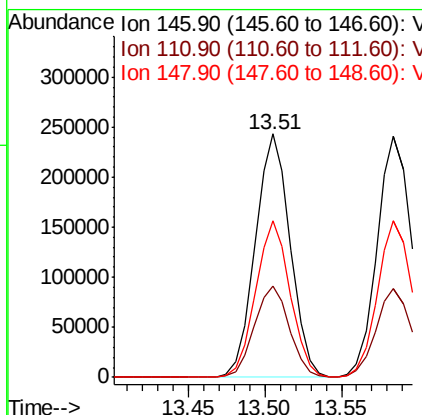
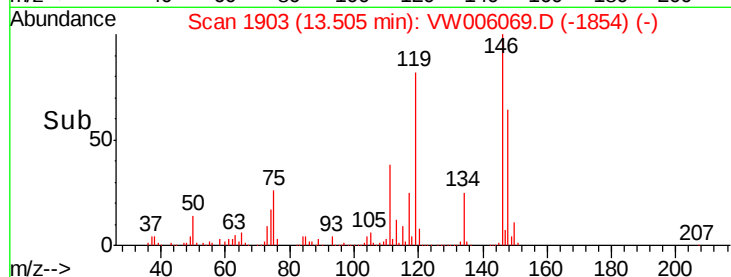
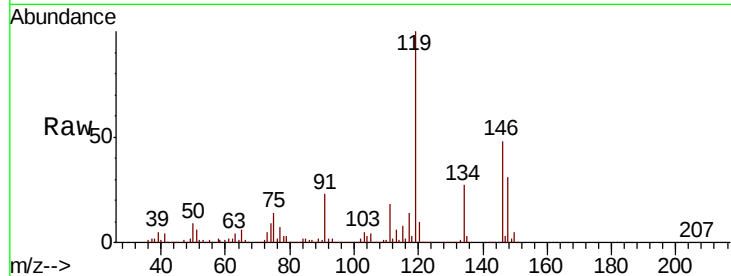
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Resp	Lower	Upper
146	100	385392		
111	37.6	19.1	57.5	
148	63.5	32.0	96.2	

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#88

1,4-Dichlorobenzene

Concen: 48.938 ug/l

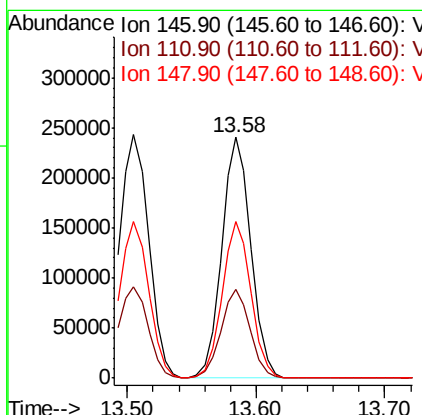
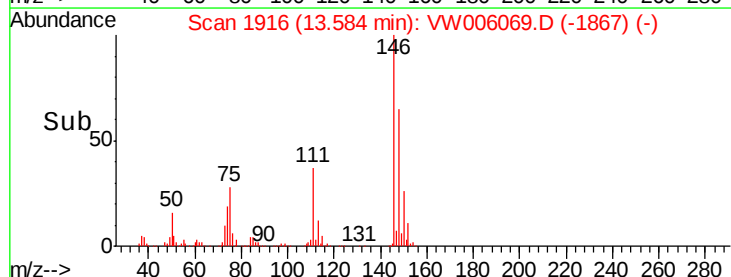
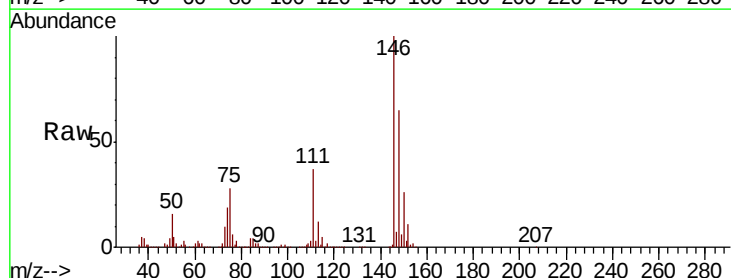
RT: 13.58 min Scan# 1916

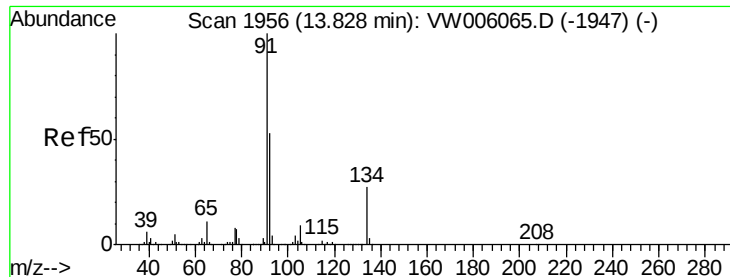
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	378931		
111	36.9	18.6	56.0	
148	64.3	32.1	96.5	





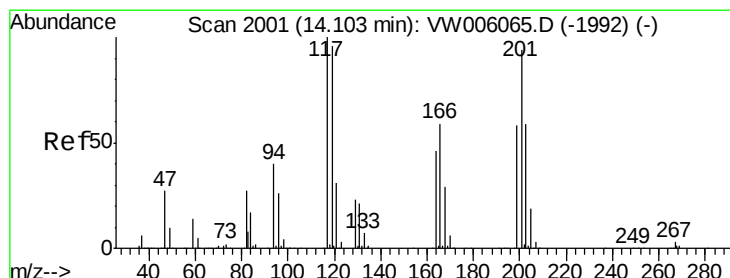
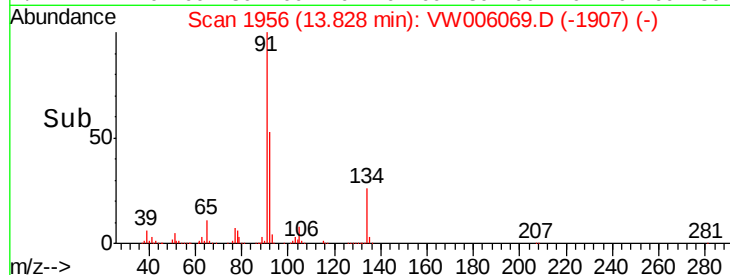
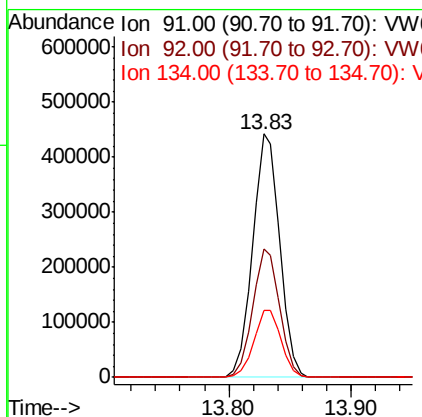
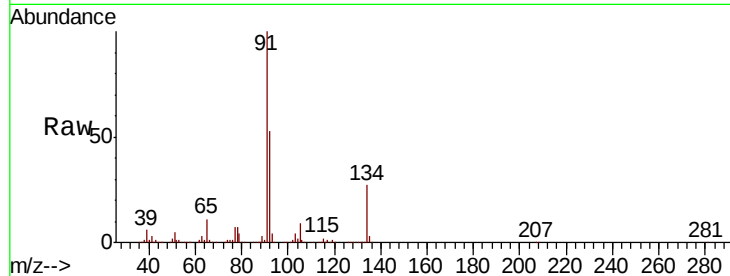
#89
n-Butylbenzene
Concen: 48.297 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	27.9	14.0	41.9

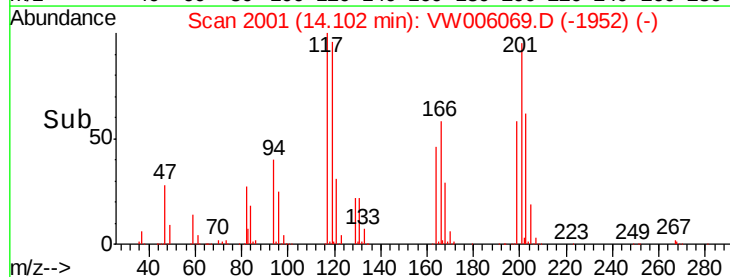
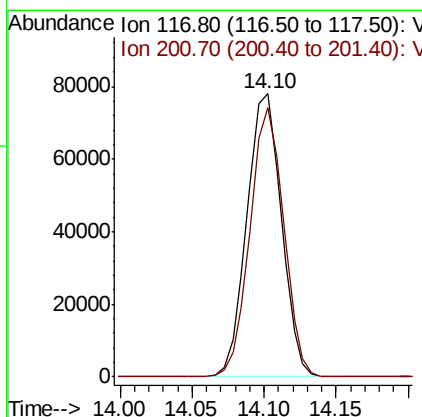
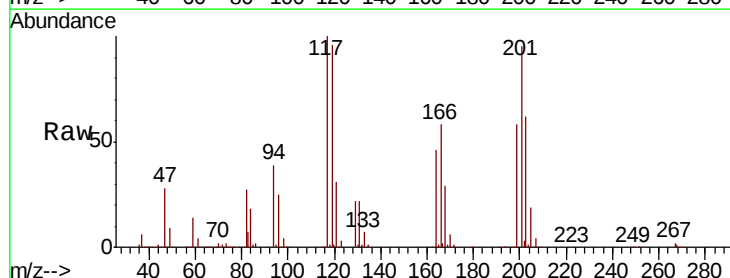
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#90
Hexachloroethane
Concen: 49.672 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.8	45.3	135.9





#91

1,2-Dichlorobenzene

Concen: 49.808 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Instrument :

MSVOA_W

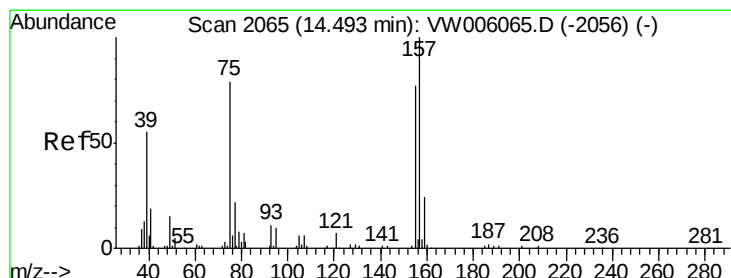
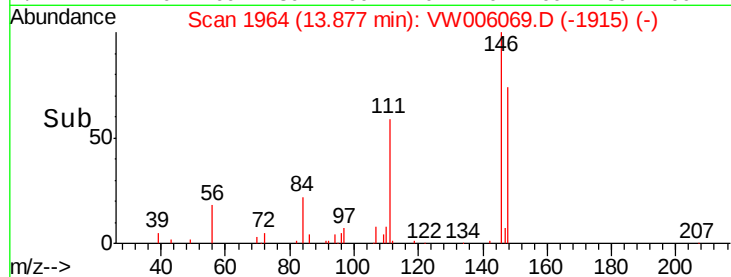
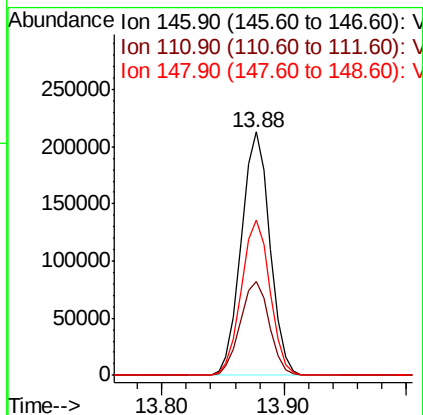
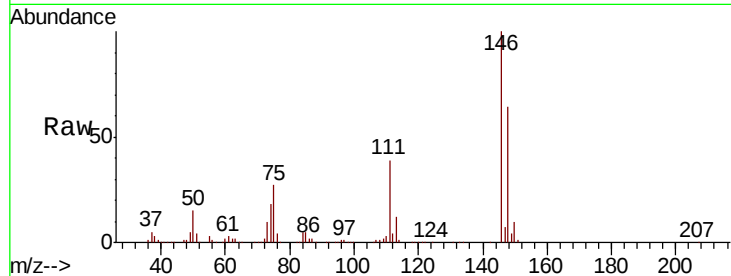
ClientSampleId :

ICVW101518

Tot Ion:	146	Resp:	345509
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.7
148	64.0	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.793 ug/l

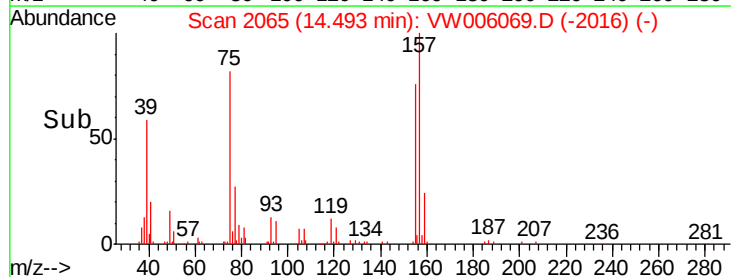
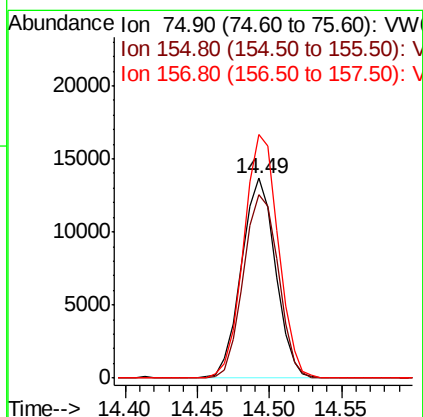
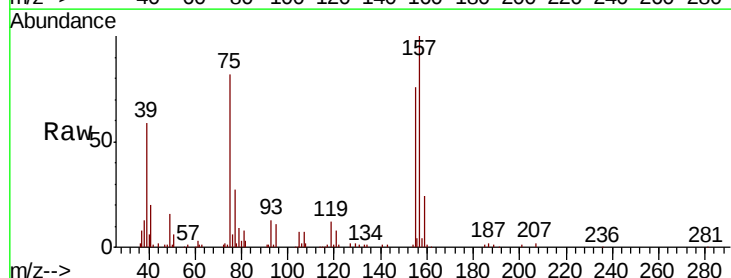
RT: 14.49 min Scan# 2065

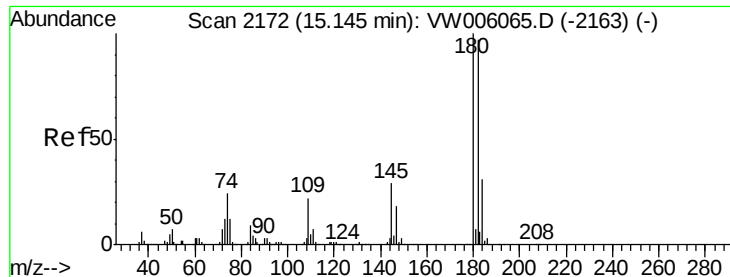
Delta R.T. -0.00 min

Lab File: VW006069.D

Acq: 15 Oct 2018 20:29

Tgt Ion:	75	Resp:	22501
Ion Ratio	Lower	Upper	
75	100		
155	93.4	46.5	139.5
157	122.5	59.8	179.4





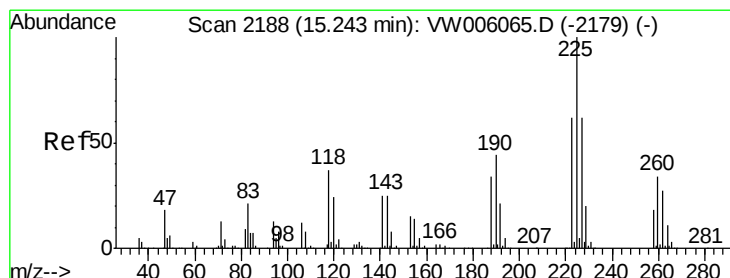
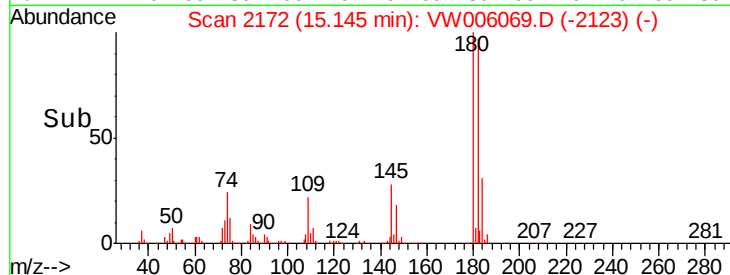
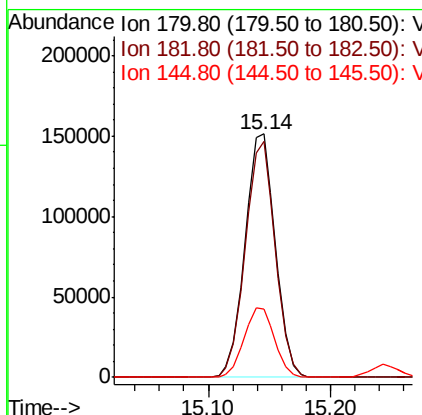
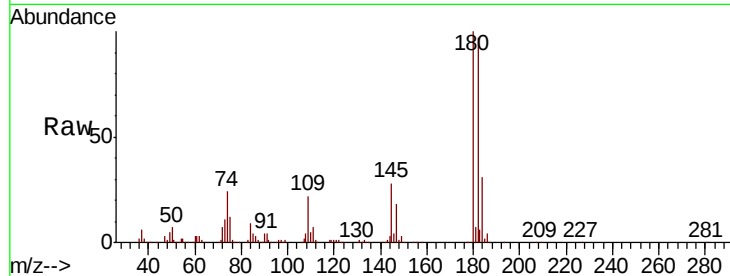
#93
 1,2,4-Trichlorobenzene
 Concen: 48.708 ug/l
 RT: 15.14 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW101518

Tot Ion	Ratio	Resp	Lower	Upper
180	100	259978		
182	95.6	47.9	143.6	
145	28.9	14.2	42.8	

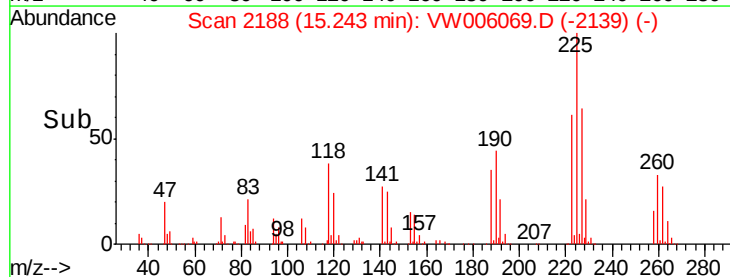
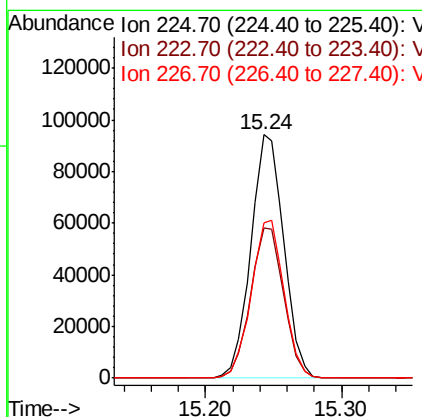
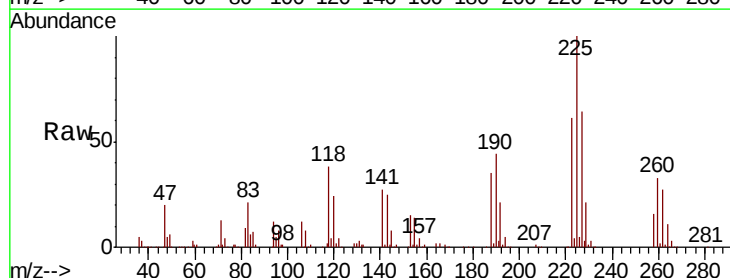
Manual Integrations
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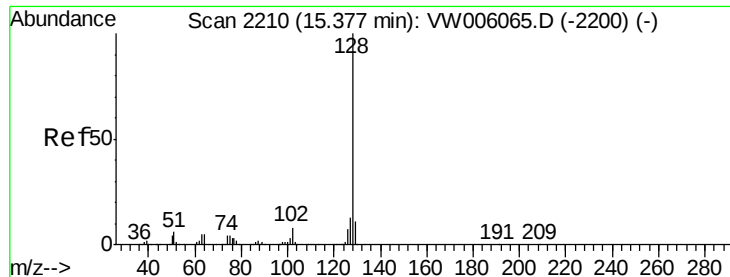
apatel
 10/16/2018 10:34:10 AM



#94
 Hexachlorobutadiene
 Concen: 47.736 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006069.D
 Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	160059		
223	62.1	31.1	93.5	
227	64.3	32.4	97.0	





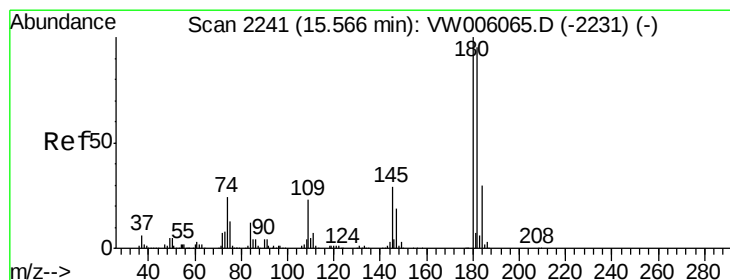
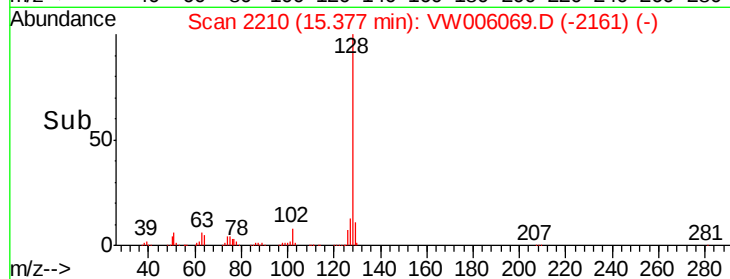
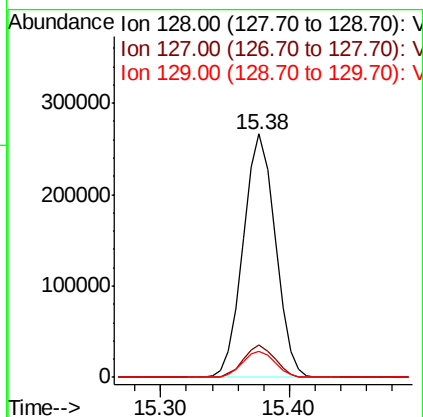
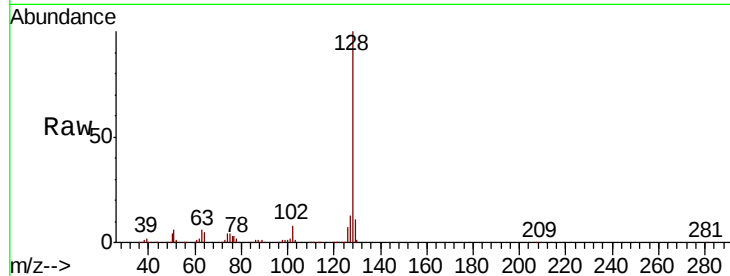
#95
Naphthalene
Concen: 51.733 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Instrument :
MSVOA_W
ClientSampleId :
ICVW101518

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 49.753 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006069.D
Acq: 15 Oct 2018 20:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	30.5	15.0	45.1

