

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006002.D
 Acq On : 10 Oct 2018 22:58
 Operator : SY/AP
 Sample : VW1011SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Manual Integrations
 APPROVED

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 10/11/2018 2:21:15 PM

Quant Time: Oct 11 05:59:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111413	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.88	113	111821	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.32	98	428756	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	158470	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20501	19.015	ug/l	98
3) Chloromethane	2.21	50	27951	22.040	ug/l	99
4) Vinyl Chloride	2.37	62	41670	20.696	ug/l	95
5) Bromomethane	2.78	94	41168	25.908	ug/l	97
6) Chloroethane	2.92	64	30654	23.897	ug/l	97
7) Trichlorofluoromethane	3.25	101	31403	19.649	ug/l	95
8) Diethyl Ether	3.68	74	21031	21.382	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38693	19.184	ug/l	99
10) Methyl Iodide	4.27	142	65128	19.745	ug/l	100
11) Tert butyl alcohol	5.22	59	14178	90.575	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	36711	18.954	ug/l	96
13) Acrolein	3.89	56	12877	92.312	ug/l	95
14) Allyl chloride	4.66	41	53151	16.092	ug/l	96
15) Acrylonitrile	5.37	53	42533	99.362	ug/l	99
16) Acetone	4.14	43	35256	82.639	ug/l	98
17) Carbon Disulfide	4.38	76	93333	15.939	ug/l	98
18) Methyl Acetate	4.67	43	19498	18.111	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	61803	20.510	ug/l	99
20) Methylene Chloride	4.92	84	59533	27.852	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	41662	19.736	ug/l	98
22) Diisopropyl ether	6.31	45	115789	18.753	ug/l	95
23) Vinyl Acetate	6.26	43	350986	92.358	ug/l	99
24) 1,1-Dichloroethane	6.21	63	73388	19.423	ug/l	100
25) 2-Butanone	7.18	43	56799	93.604	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42125	15.841	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	49388	20.688	ug/l	95
28) Bromochloromethane	7.51	49	29377	21.063	ug/l	90
29) Tetrahydrofuran	7.54	42	37011	96.487	ug/l	96
30) Chloroform	7.68	83	80196	20.663	ug/l	99
31) Cyclohexane	7.95	56	63934	17.098	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	64828	18.756	ug/l	100
36) 1,1-Dichloropropene	8.08	75	59633	18.731	ug/l	100
37) Ethyl Acetate	7.26	43	26006	19.289	ug/l	98
38) Carbon Tetrachloride	8.07	117	61293	17.919	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75041	17.870	ug/l	96
40) Benzene	8.32	78	172290	19.772	ug/l	98
41) Methacrylonitrile	7.49	41	16954	20.086	ug/l	98
42) 1,2-Dichloroethane	8.40	62	51617	19.607	ug/l	98
43) Isopropyl Acetate	8.43	43	51477	18.278	ug/l	97
44) Trichloroethene	9.09	130	50802	20.094	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41670	19.105	ug/l	99
46) Dibromomethane	9.46	93	24491	20.430	ug/l	99
47) Bromodichloromethane	9.65	83	56853	18.847	ug/l	97
48) Methyl methacrylate	9.44	41	23781	17.726	ug/l	90
49) 1,4-Dioxane	9.48	88	7800	428.364	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	133117	97.064	ug/l	98
52) Toluene	10.39	92	111688	19.511	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53050	16.828	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62504	17.638	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34077	20.524	ug/l	99
56) Ethyl methacrylate	10.65	69	43056	19.240	ug/l	94
57) 1,3-Dichloropropane	10.93	76	57167	20.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	93071	102.211	ug/l	99
59) 2-Hexanone	10.98	43	89273	90.785	ug/l	96
60) Dibromochloromethane	11.13	129	41006	19.138	ug/l	98
61) 1,2-Dibromoethane	11.24	107	34358	20.708	ug/l	99
64) Tetrachloroethene	10.87	164	46179	20.310	ug/l	96
65) Chlorobenzene	11.66	112	132704	20.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45689	19.065	ug/l	99
67) Ethyl Benzene	11.73	91	223443	19.348	ug/l	96
68) m/p-Xylenes	11.84	106	176765	39.167	ug/l	98
69) o-Xylene	12.17	106	85706	19.836	ug/l	97
70) Styrene	12.18	104	138745	19.354	ug/l	98
71) Bromoform	12.35	173	25201	17.654	ug/l #	100
73) Isopropylbenzene	12.47	105	233648	18.941	ug/l	99
74) N-amyl acetate	12.28	43	51124	17.451	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	40846	20.202	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31267m	20.723	ug/l	
77) Bromobenzene	12.75	156	58902	20.155	ug/l	96
78) n-propylbenzene	12.81	91	275766	19.004	ug/l	99
79) 2-Chlorotoluene	12.90	91	156315	19.083	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	198731	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10362	14.499	ug/l	94
82) 4-Chlorotoluene	12.99	91	165383	19.190	ug/l	98
83) tert-Butylbenzene	13.21	119	178182	19.237	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	203731	19.394	ug/l	99
85) sec-Butylbenzene	13.39	105	249503	19.190	ug/l	100
86) p-Isopropyltoluene	13.51	119	226415	19.364	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117403	20.221	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	117456	20.358	ug/l	100
89) n-Butylbenzene	13.83	91	207507	18.827	ug/l	99
90) Hexachloroethane	14.10	117	36319	16.516	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	106832	20.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6738	17.883	ug/l	98

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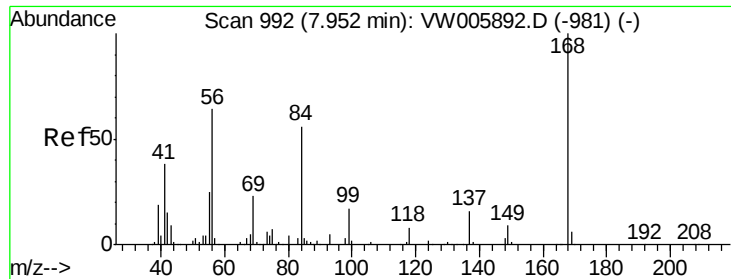
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	80241	20.076	ug/l	100
94) Hexachlorobutadiene	15.24	225	47830	19.172	ug/l	99
95) Naphthalene	15.38	128	143046	20.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71726	20.725	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion:168 Resp: 220017

Ion Ratio Lower Upper

168 100

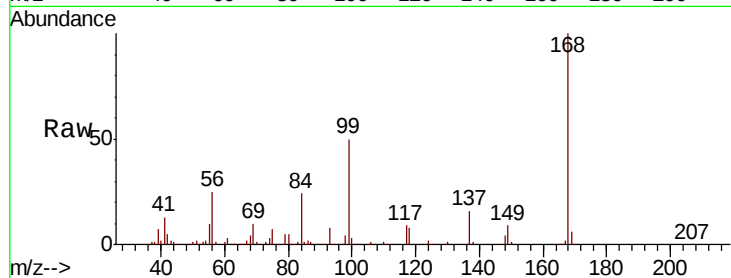
99 49.8 40.9 61.3

Manual Integrations

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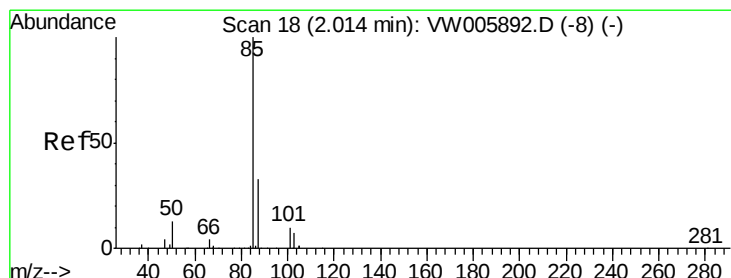
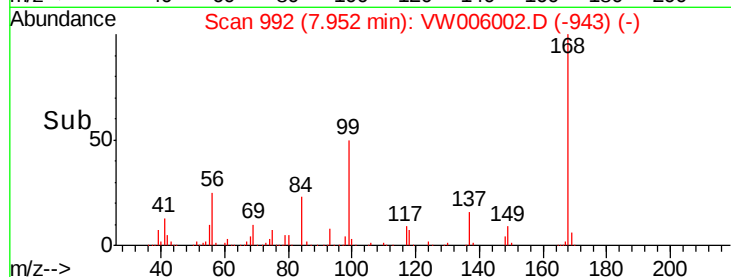
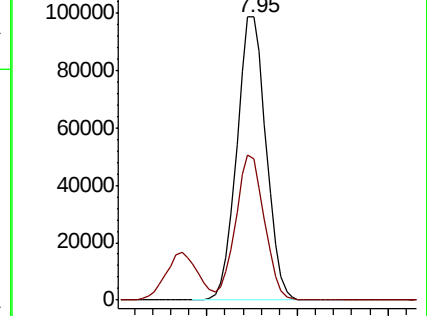
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.015 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006002.D

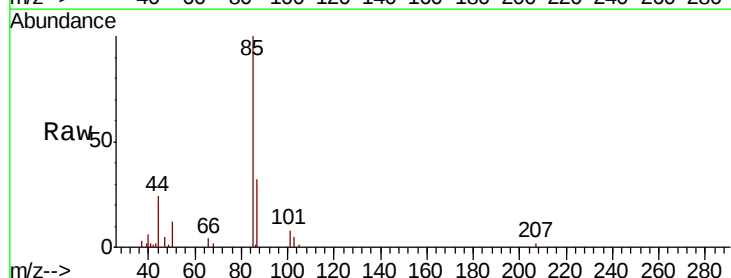
Acq: 10 Oct 2018 22:58

Tgt Ion: 85 Resp: 20501

Ion Ratio Lower Upper

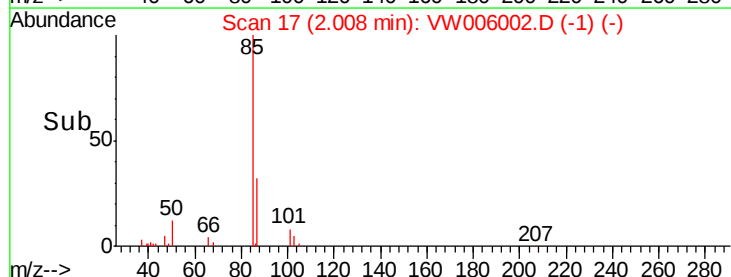
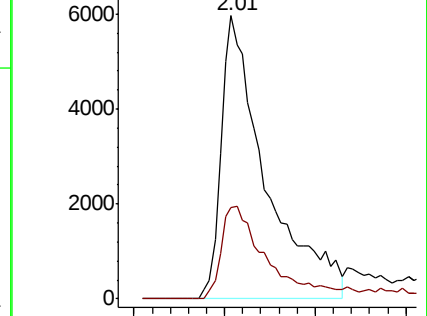
85 100

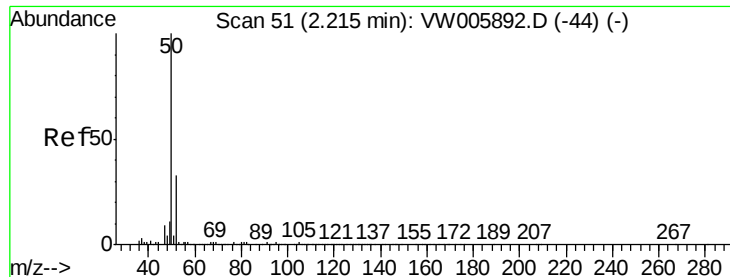
87 32.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.040 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion: 50 Resp: 27951

Ion Ratio Lower Upper

50 100

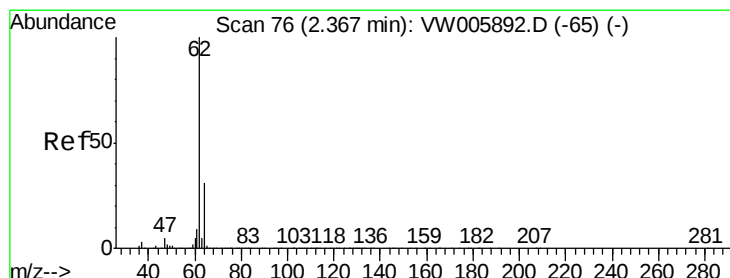
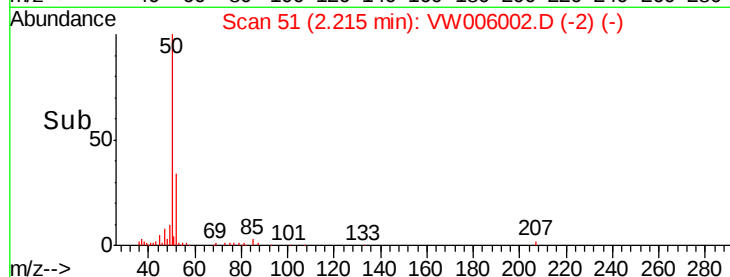
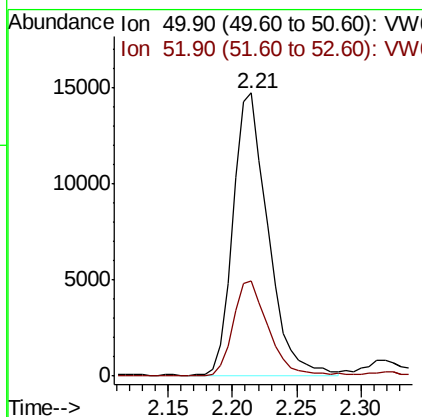
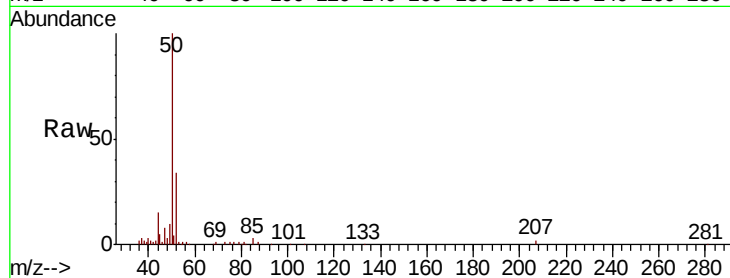
52 33.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.696 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW006002.D

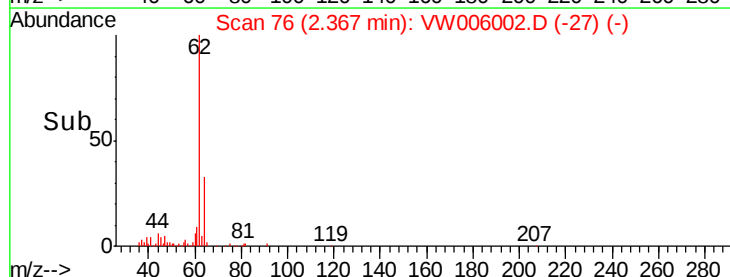
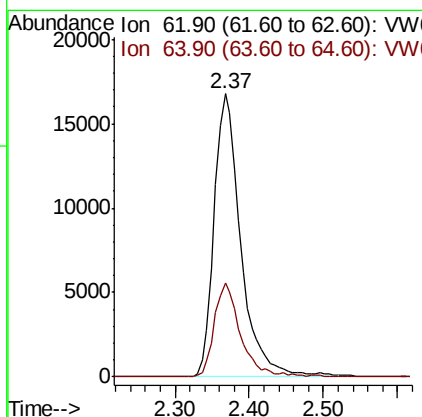
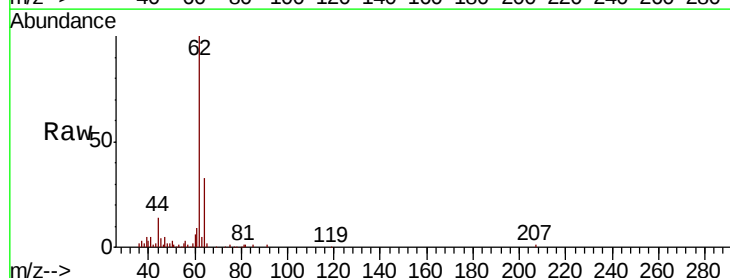
Acq: 10 Oct 2018 22:58

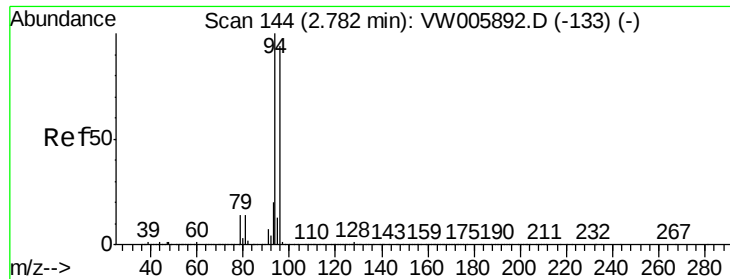
Tgt Ion: 62 Resp: 41670

Ion Ratio Lower Upper

62 100

64 33.3 24.6 36.8





#5

Bromomethane

Concen: 25.908 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion: 94 Resp: 41168

Ion Ratio Lower Upper

94 100

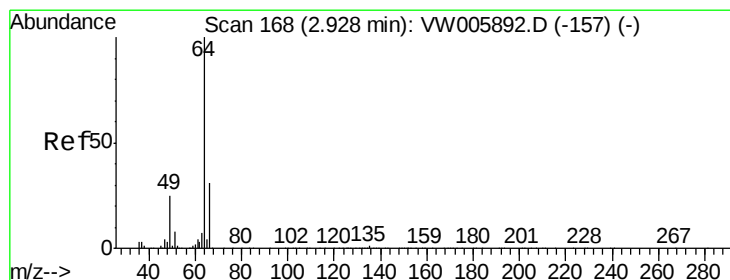
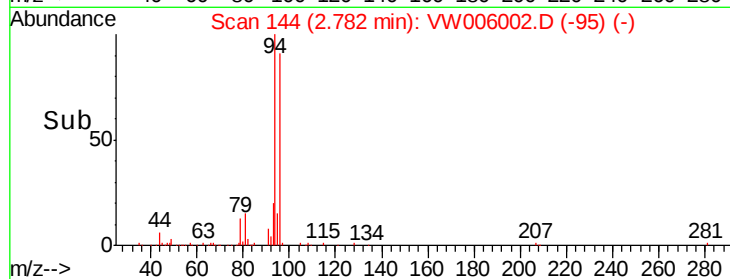
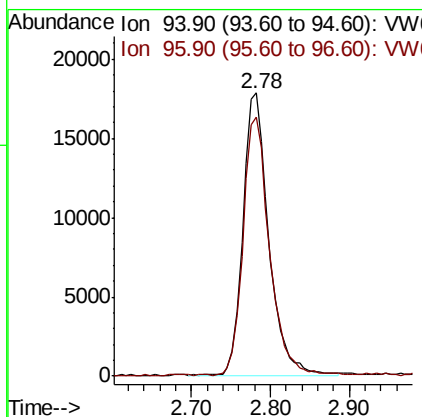
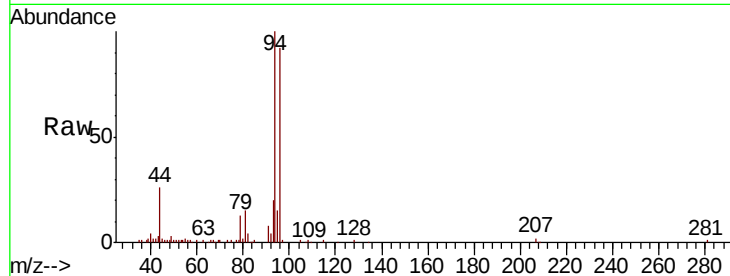
96 91.2 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 23.897 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006002.D

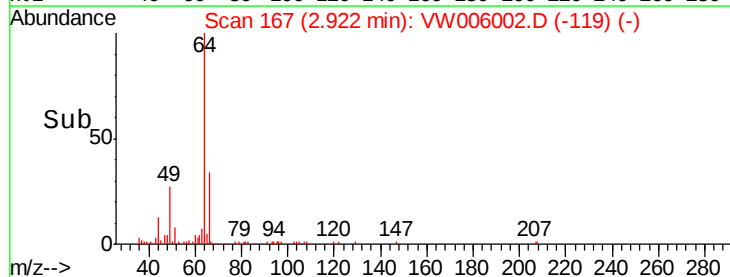
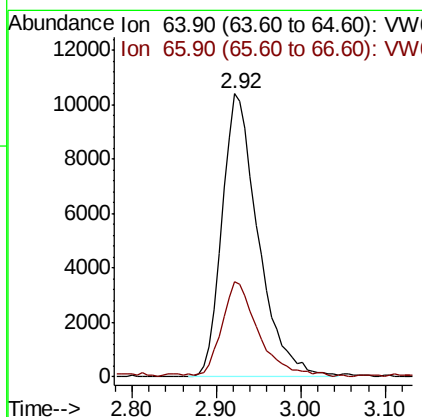
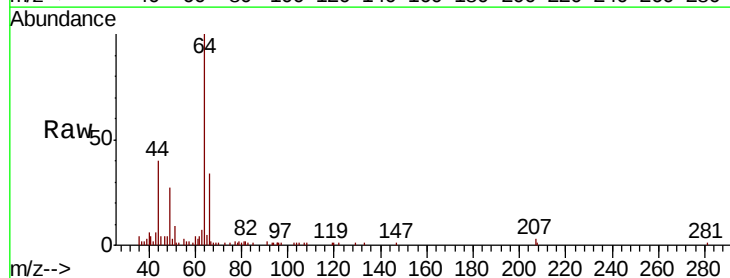
Acq: 10 Oct 2018 22:58

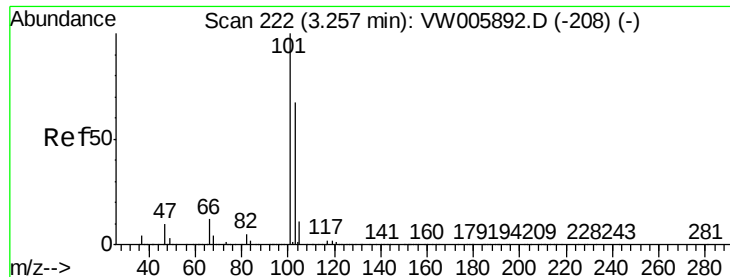
Tgt Ion: 64 Resp: 30654

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.4





#7

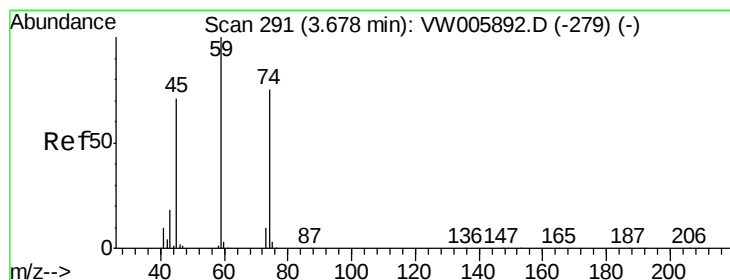
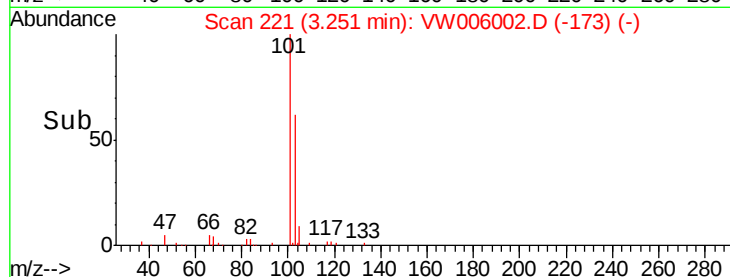
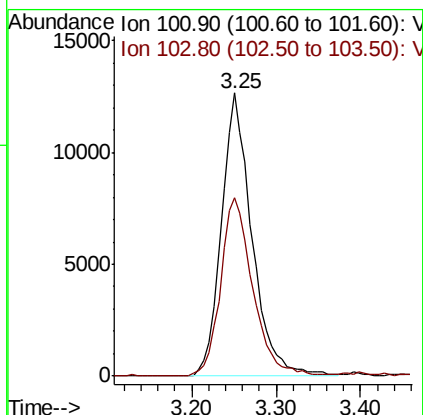
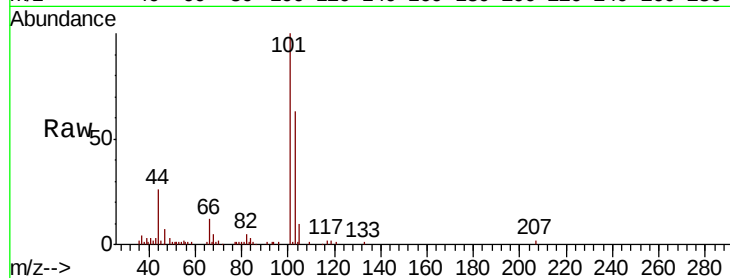
Trichlorofluoromethane
 Concen: 19.649 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	53.5	80.3

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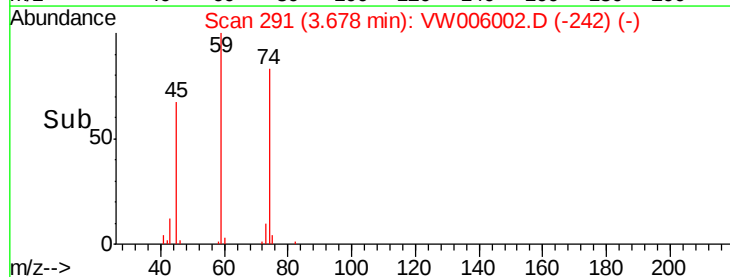
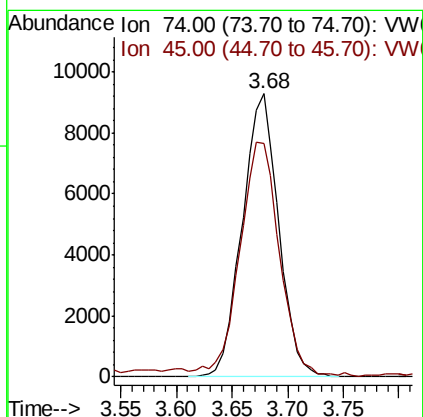
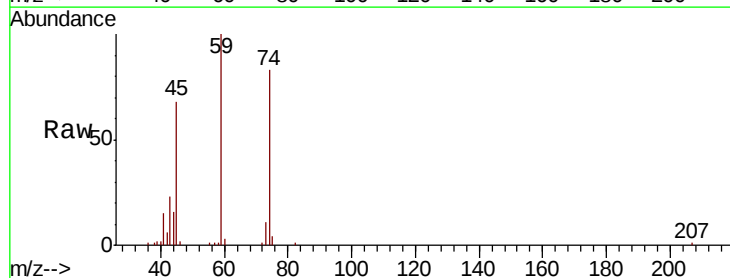
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 10/11/2018 2:21:15 PM

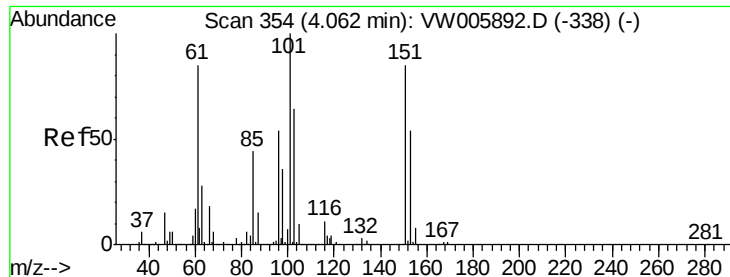


#8

Diethyl Ether
 Concen: 21.382 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.6	46.8	140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.184 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

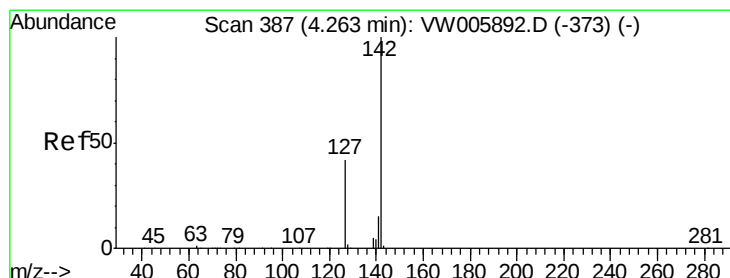
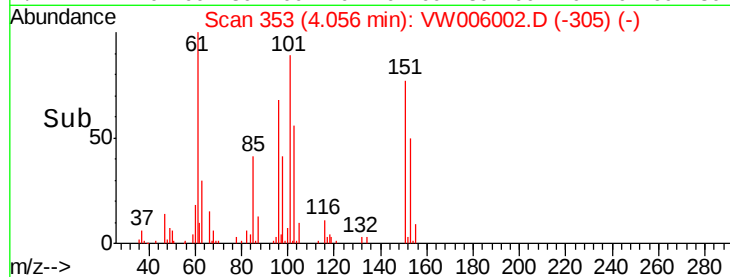
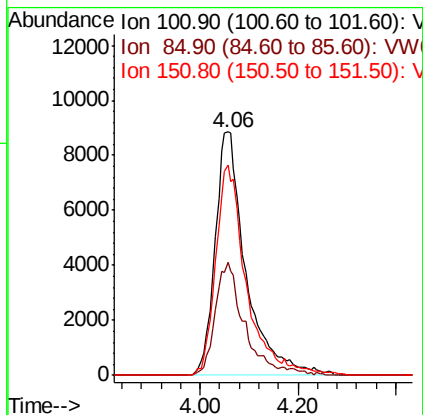
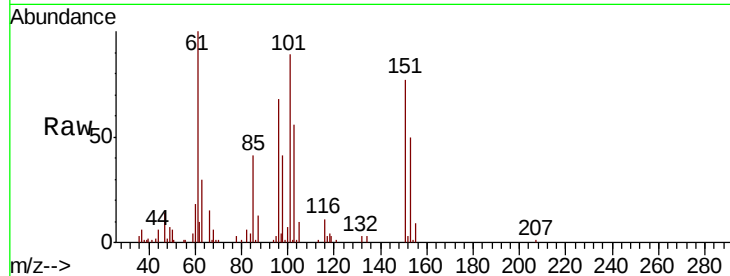
ClientSampleId :

VW1011SBS01

Tot Ion:	101	Resp:	38693
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.1	52.7
151	85.0	67.7	101.5

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#10

Methyl Iodide

Concen: 19.745 ug/l

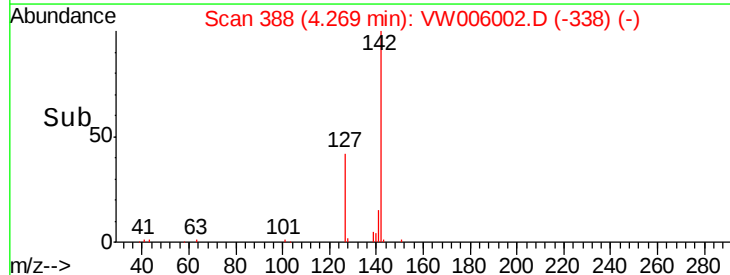
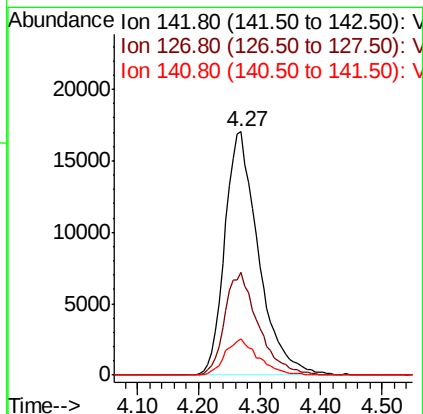
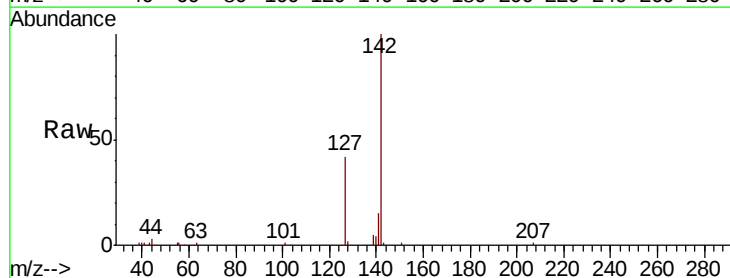
RT: 4.27 min Scan# 388

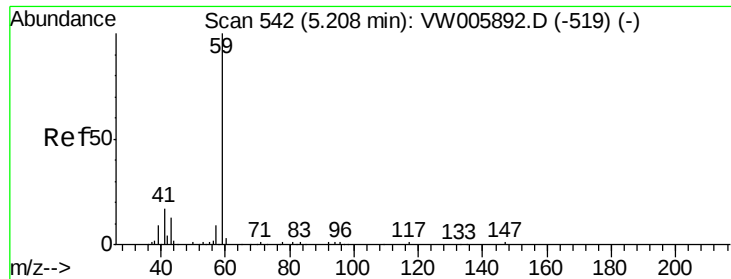
Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	142	Resp:	65128
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.5	11.5	17.3





#11

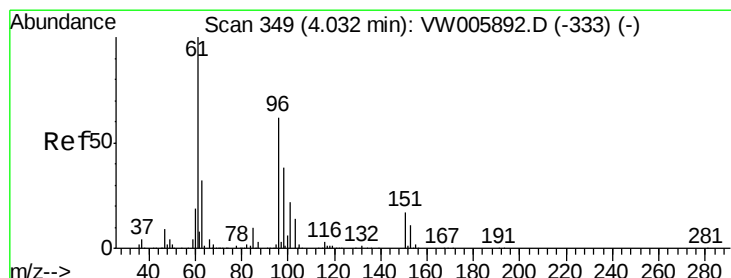
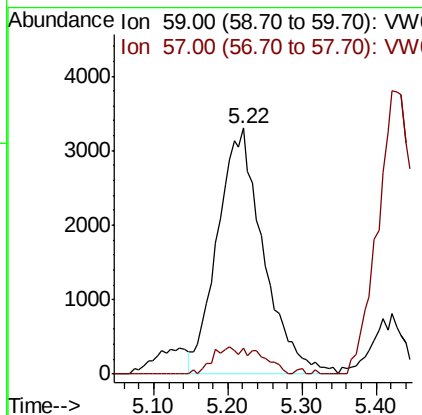
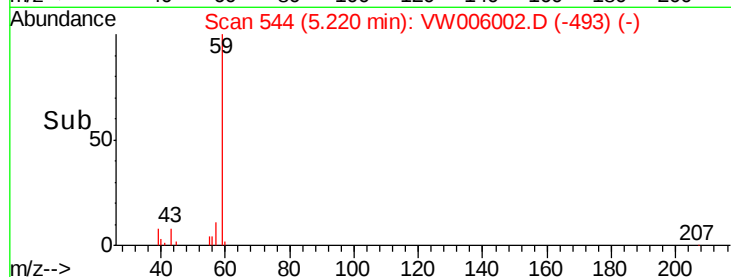
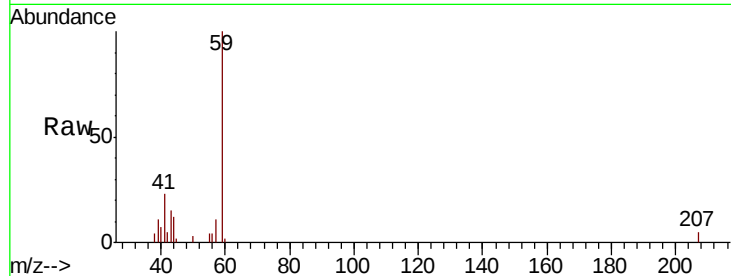
Tert butyl alcohol
 Concen: 90.575 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	59	Resp	14178
Ion Ratio	100	Lower	Upper
57	6.0	7.7	11.5#

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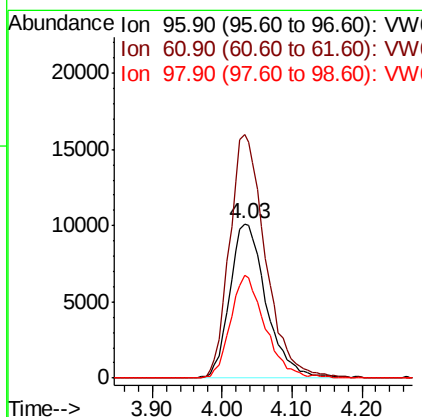
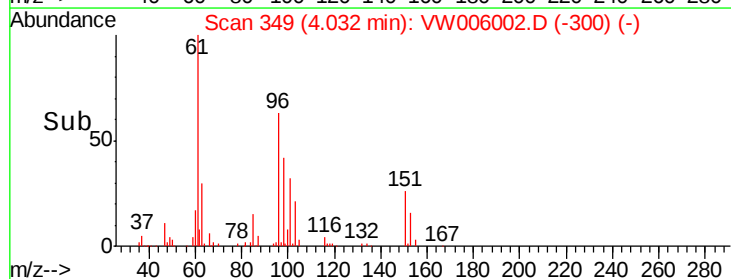
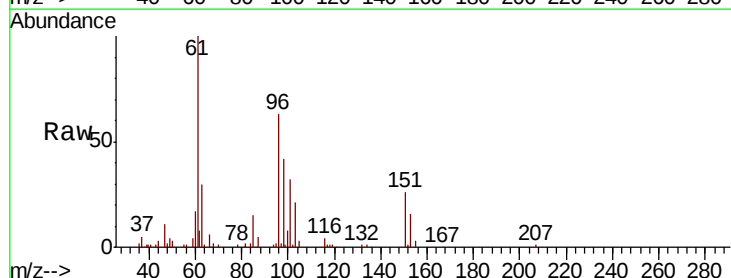
apatel
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#12

1,1-Dichloroethene
 Concen: 18.954 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	96	Resp	36711
Ion Ratio	100	Lower	Upper
61	157.5	128.6	193.0
98	66.9	49.4	74.0





#13

Acrolein

Concen: 92.312 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion: 56 Resp: 12877

Ion Ratio Lower Upper

56 100

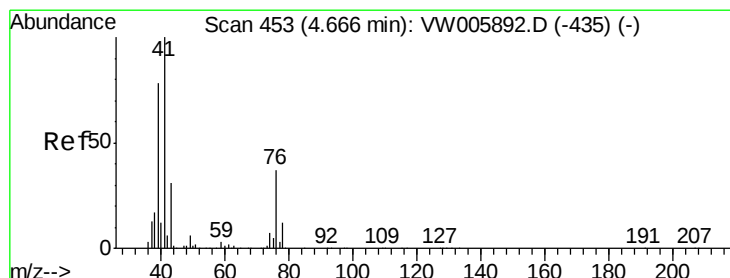
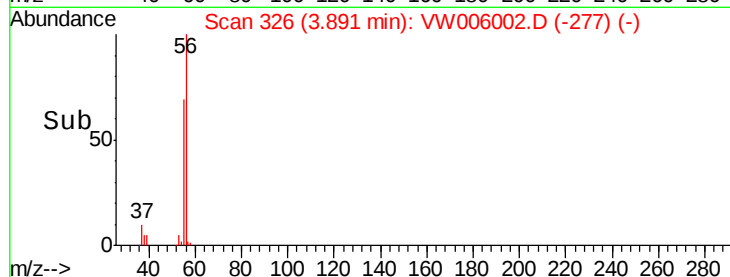
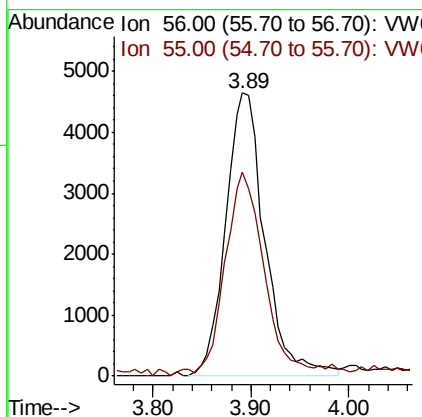
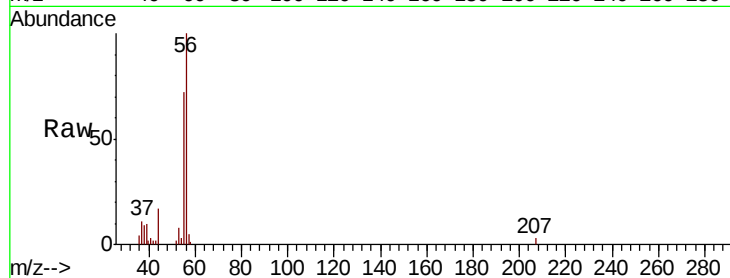
55 72.5 54.6 82.0

Manual Integrations

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#14

Allyl chloride

Concen: 16.092 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

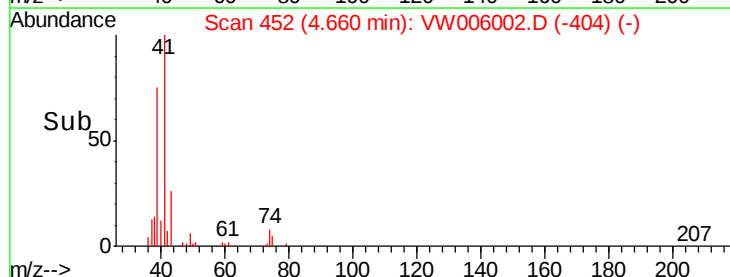
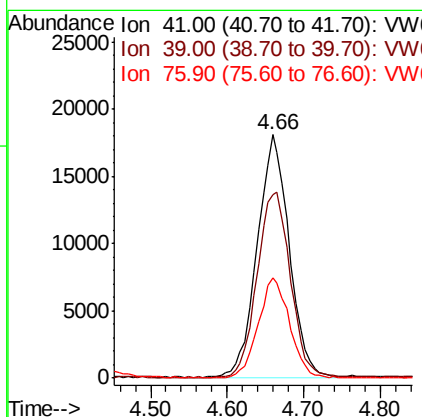
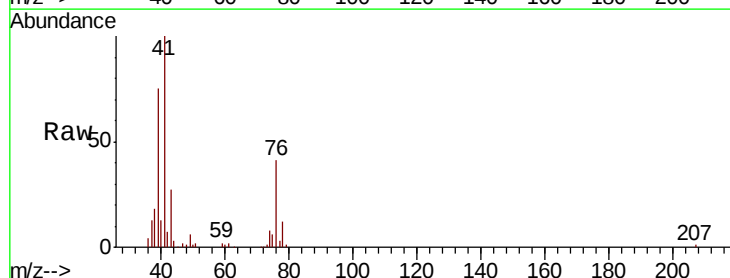
Tgt Ion: 41 Resp: 53151

Ion Ratio Lower Upper

41 100

39 78.5 60.8 91.2

76 40.3 29.6 44.4





#15

Acrylonitrile

Concen: 99.362 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

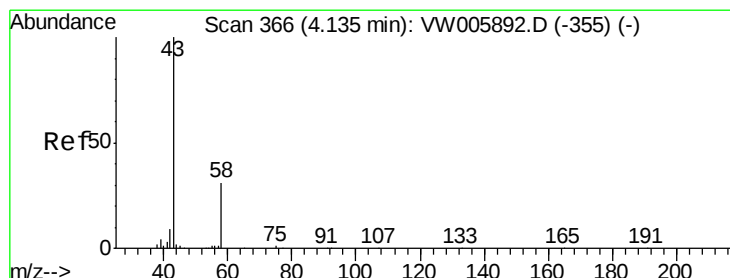
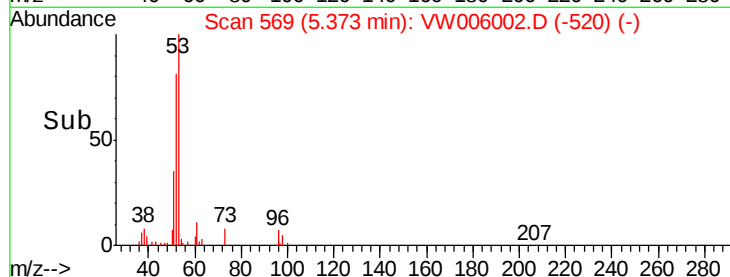
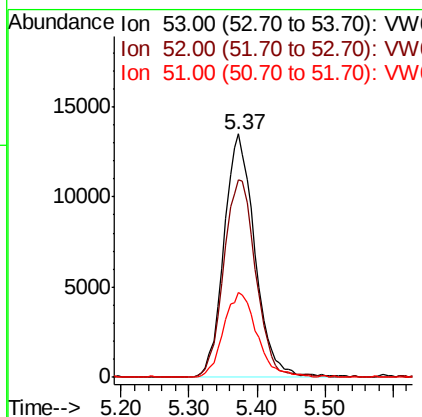
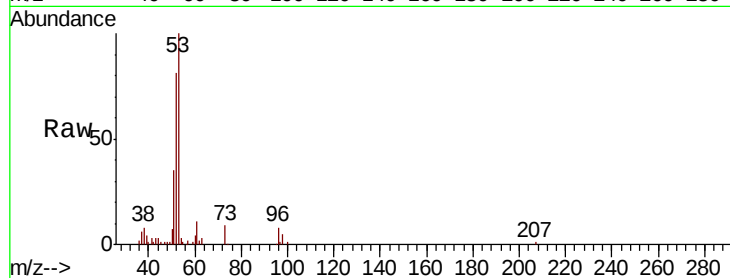
ClientSampleId :

VW1011SBSD01

Tot Ion:	53	Resp:	42533
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.8	100.2
51	37.7	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 82.639 ug/l

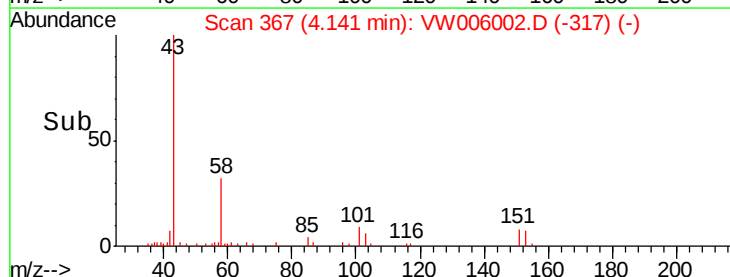
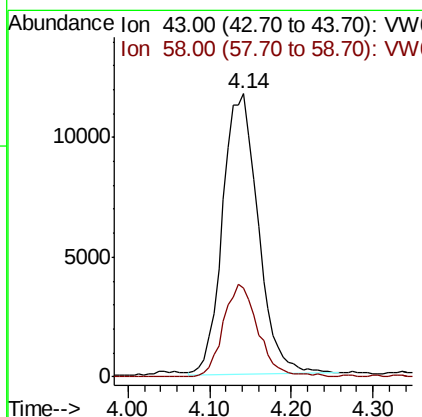
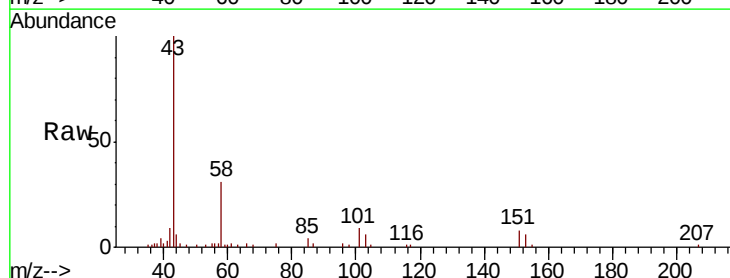
RT: 4.14 min Scan# 367

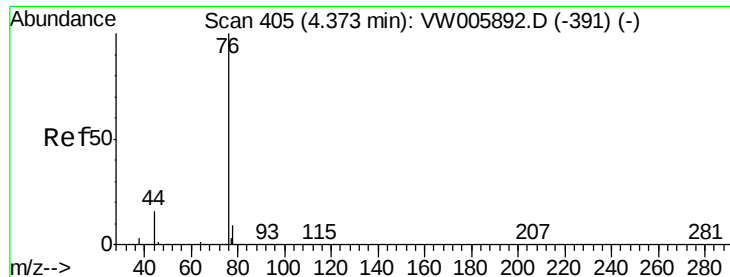
Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	43	Resp:	35256
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.7	37.1





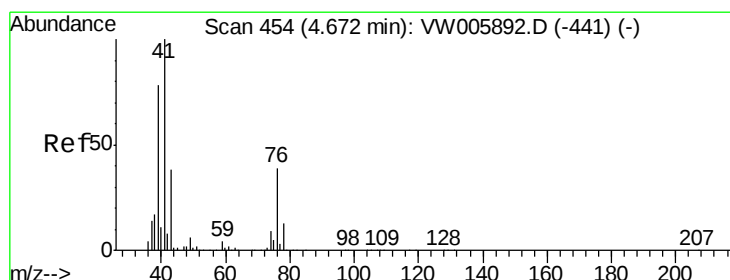
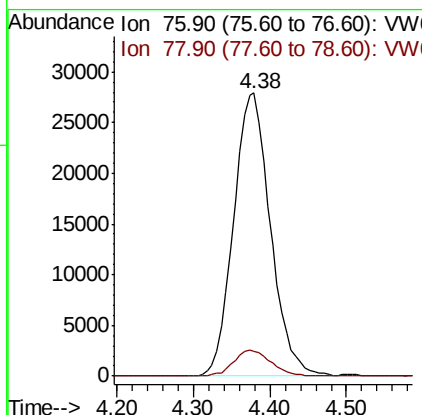
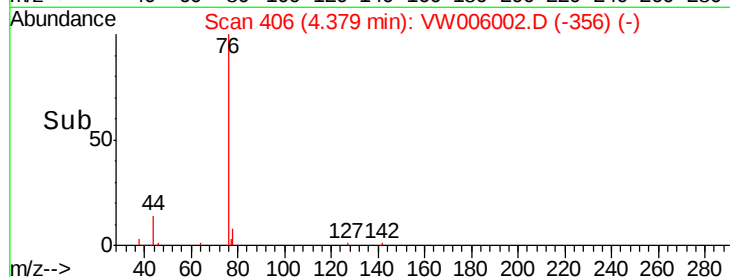
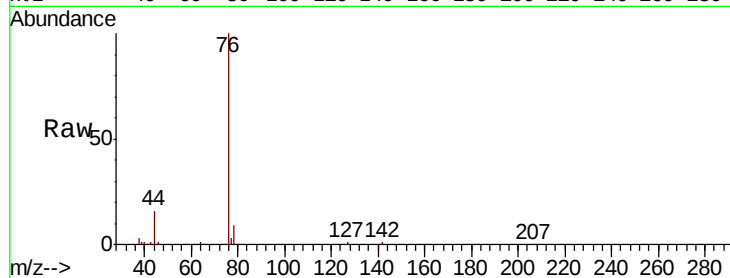
#17
Carbon Disulfide
Concen: 15.939 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0

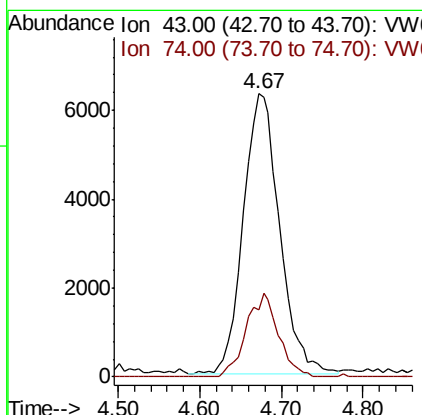
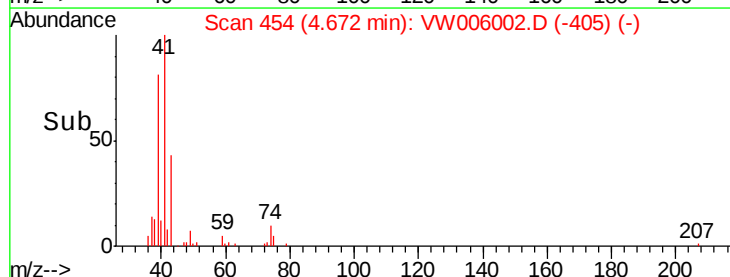
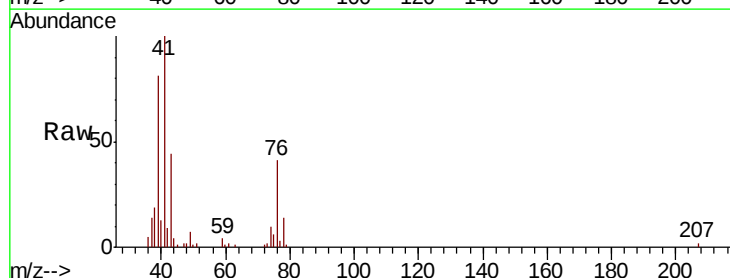
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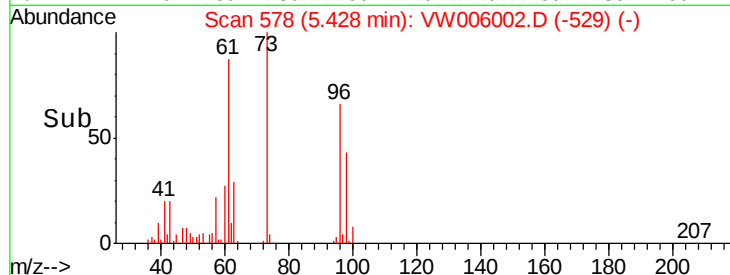
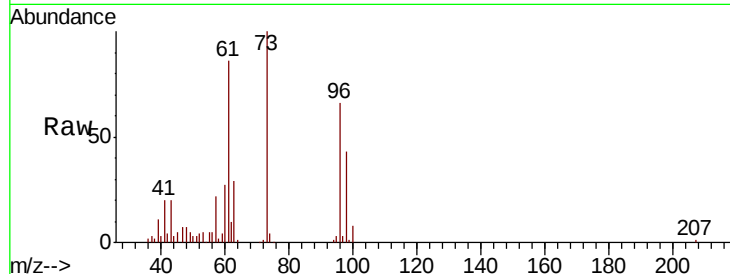
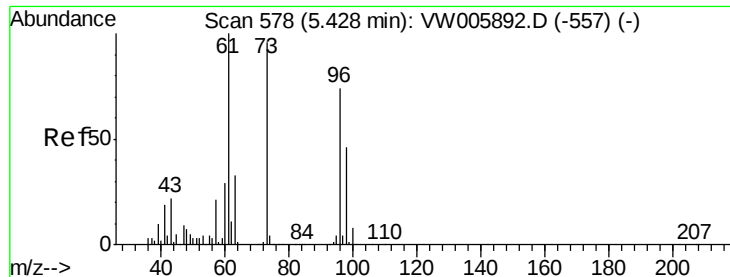
apatel
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#18
Methyl Acetate
Concen: 18.111 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	19.2	28.8





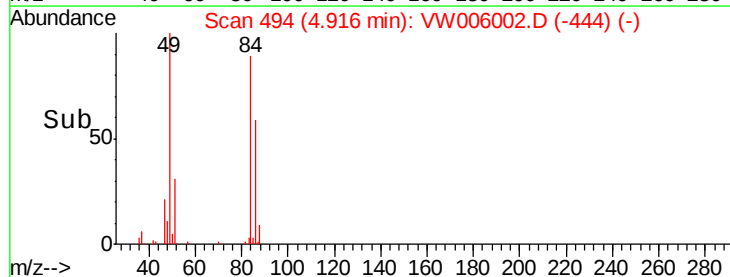
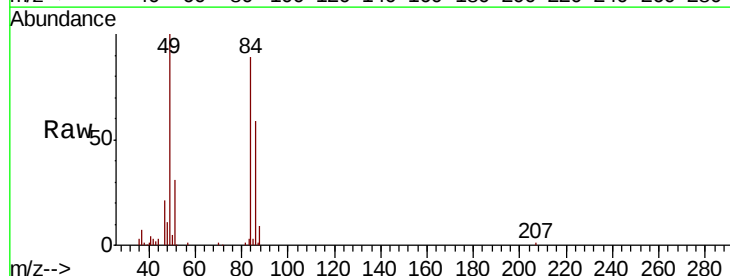
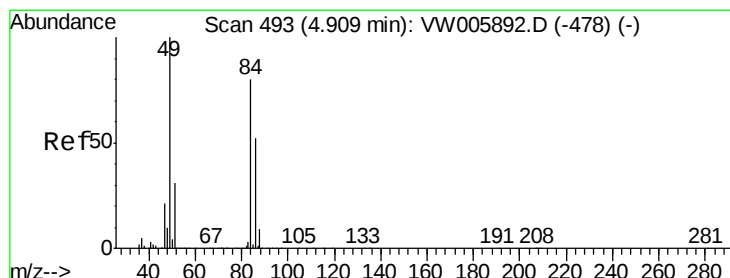
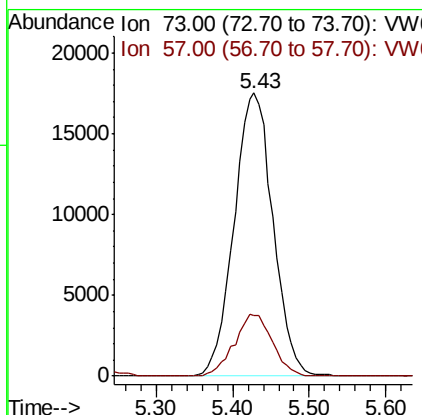
#19
Methyl tert-butyl Ether
Concen: 20.510 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tot Ion: 73 Resp: 61803
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

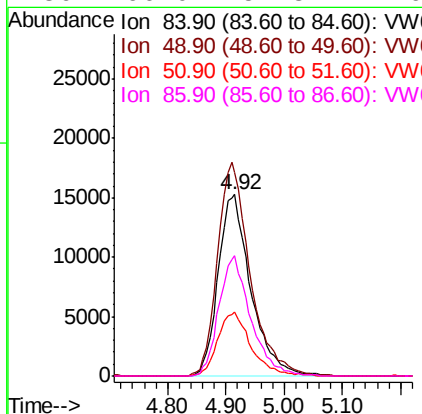
Manual Integrations
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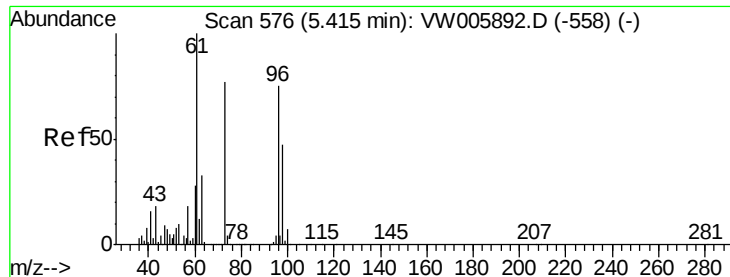
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#20
Methylene Chloride
Concen: 27.852 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 84 Resp: 59533
Ion Ratio Lower Upper
84 100
49 112.4 99.9 149.9
51 35.3 31.1 46.7
86 66.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.736 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

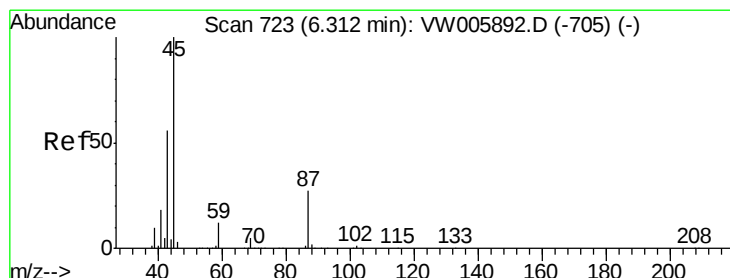
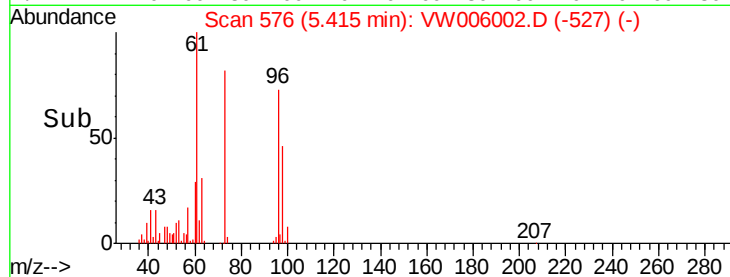
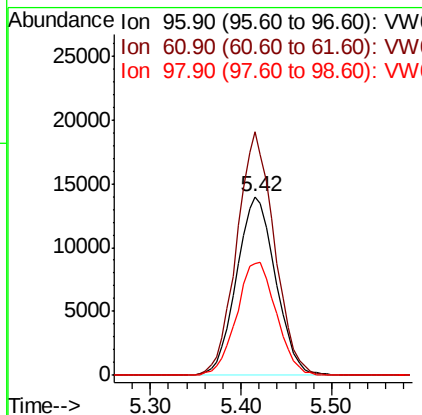
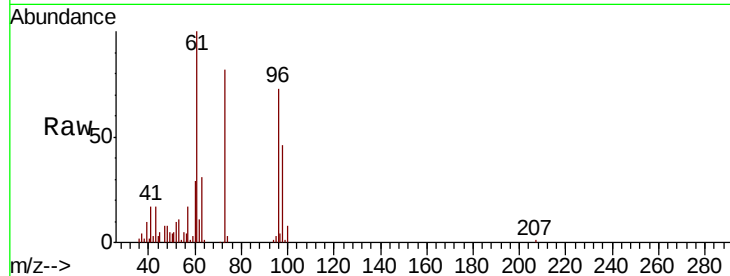
ClientSampleId :

VW1011SBSD01

Tot Ion:	96	Resp:	41662
Ion	Ratio	Lower	Upper
96	100		
61	136.3	107.4	161.0
98	62.6	50.8	76.2

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#22

Diisopropyl ether

Concen: 18.753 ug/l

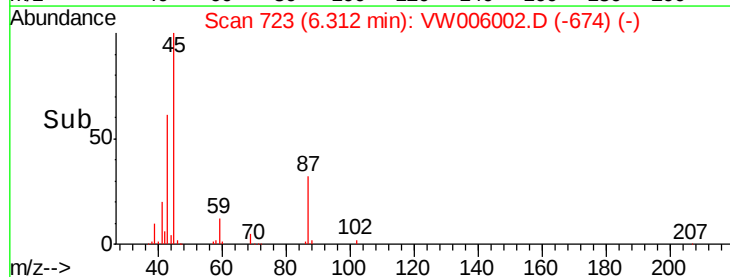
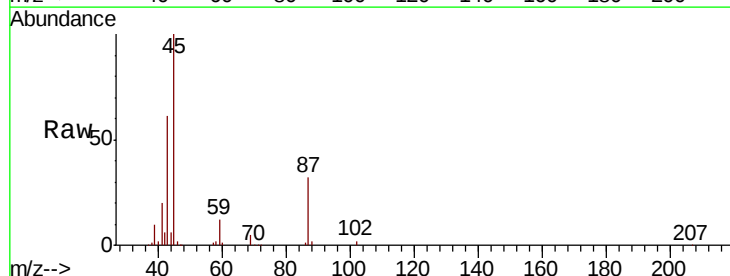
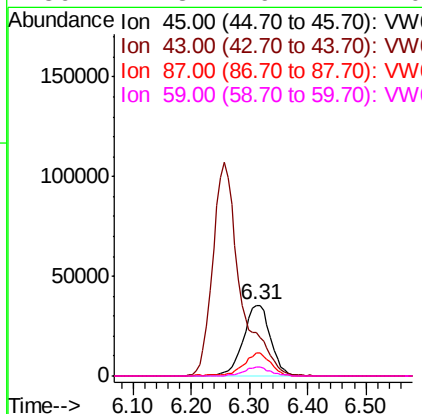
RT: 6.31 min Scan# 723

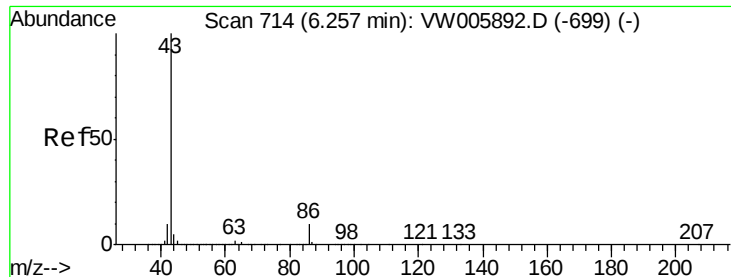
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	45	Resp:	115789
Ion	Ratio	Lower	Upper
45	100		
43	60.0	45.9	68.9
87	32.4	22.2	33.4
59	12.3	9.4	14.0





#23

Vinyl Acetate

Concen: 92.358 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion: 43 Resp: 350986

Ion Ratio Lower Upper

43 100

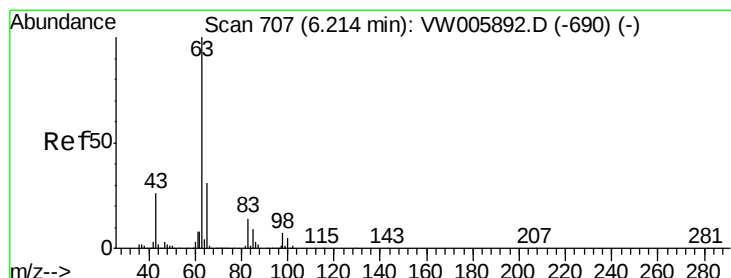
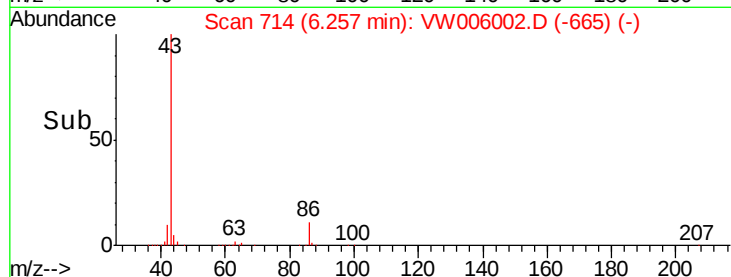
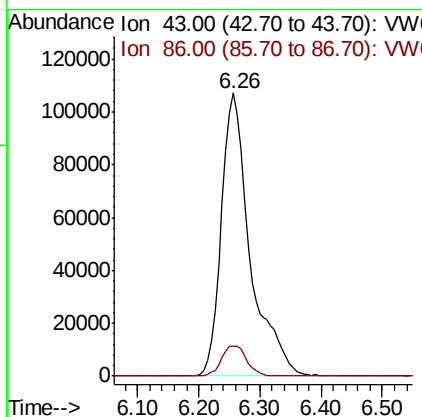
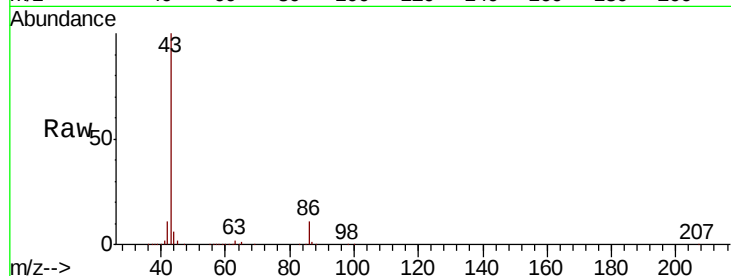
86 10.8 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 19.423 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

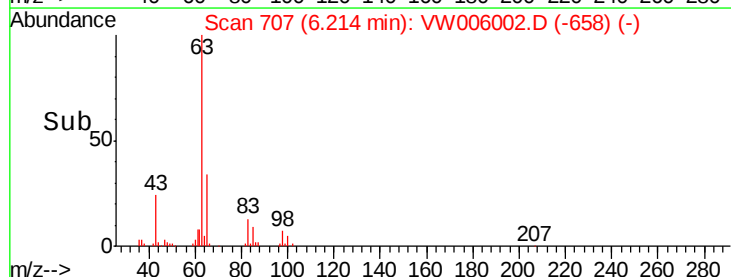
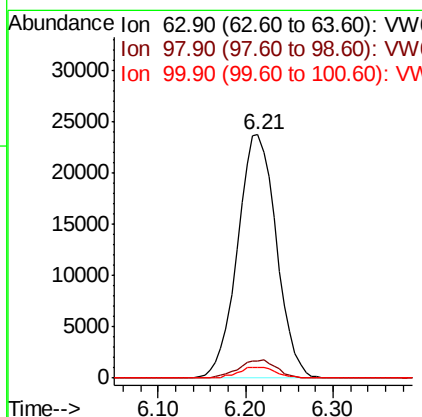
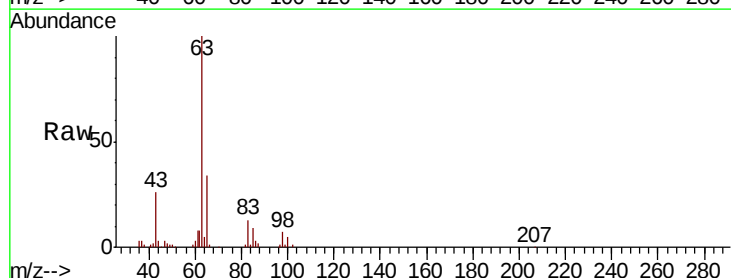
Tgt Ion: 63 Resp: 73388

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 93.604 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion: 43 Resp: 56799

Ion Ratio Lower Upper

43 100

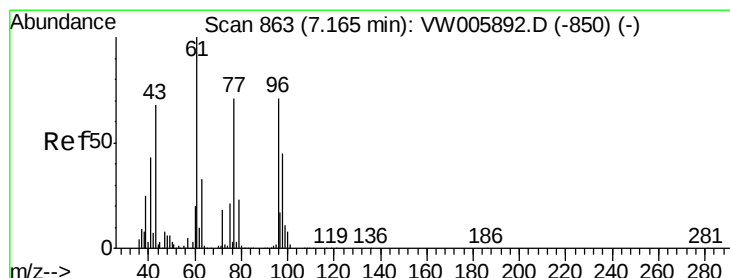
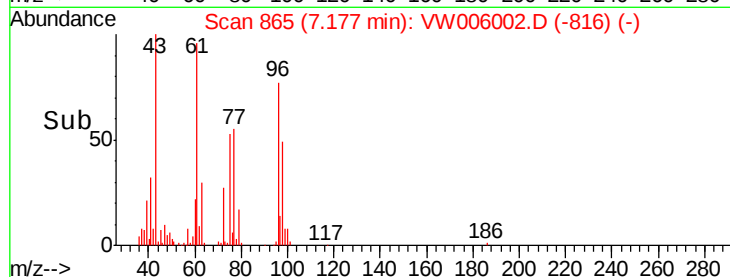
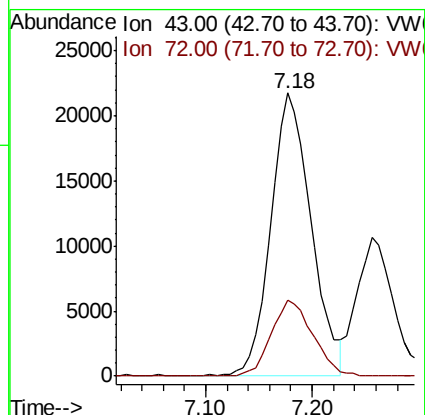
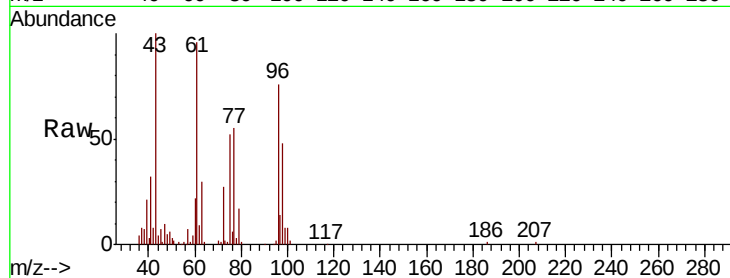
72 26.8 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.841 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW006002.D

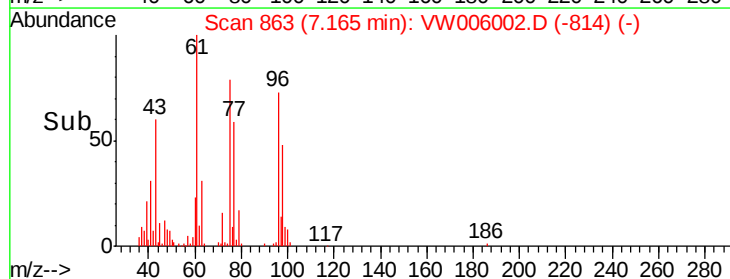
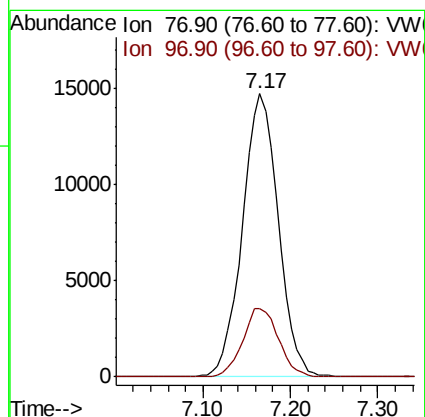
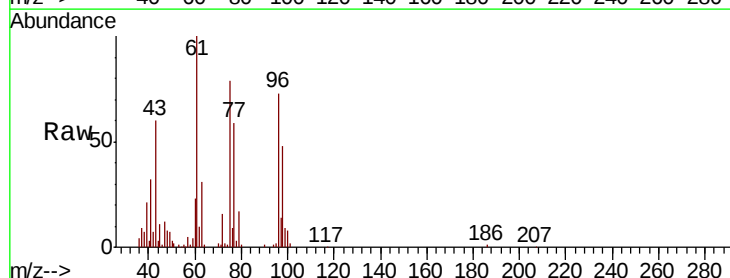
Acq: 10 Oct 2018 22:58

Tgt Ion: 77 Resp: 42125

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.7





#27

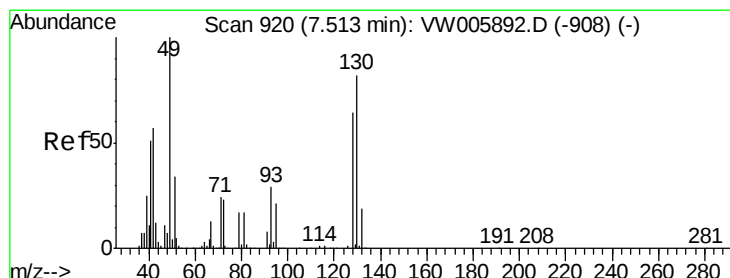
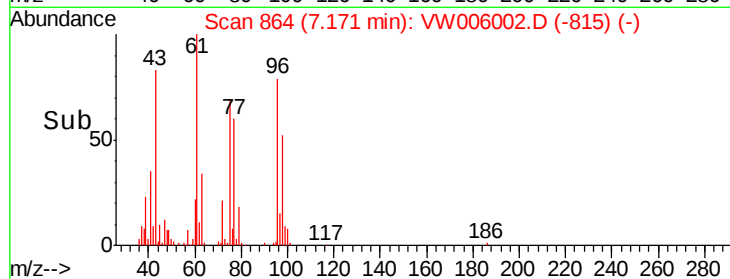
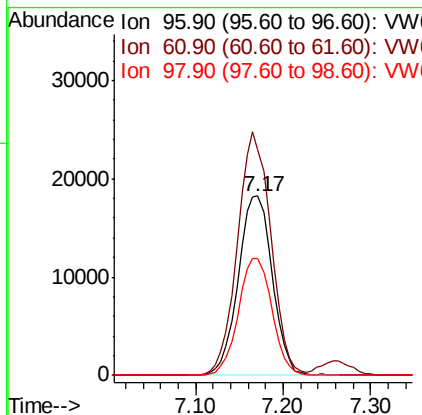
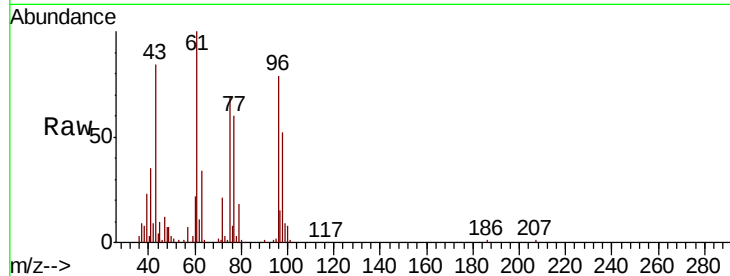
cis-1,2-Dichloroethene
Concen: 20.688 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	284.0
98	64.3	0.0	129.8

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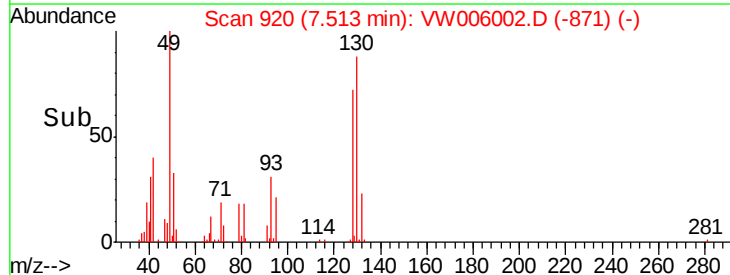
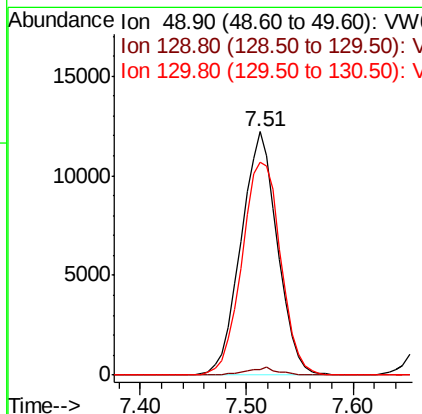
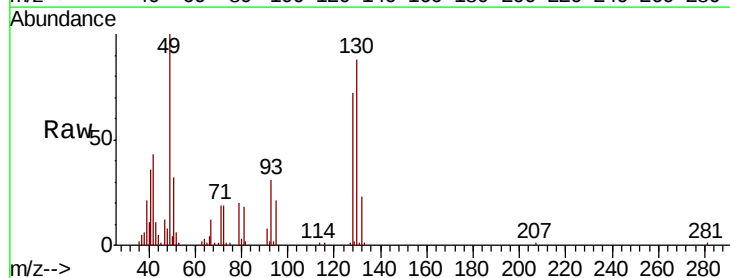
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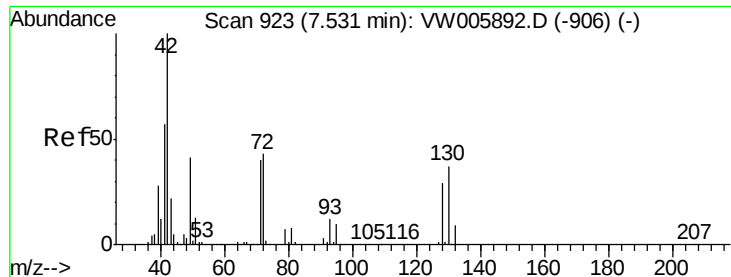


#28

Bromochloromethane
Concen: 21.063 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	92.7	66.9	100.3





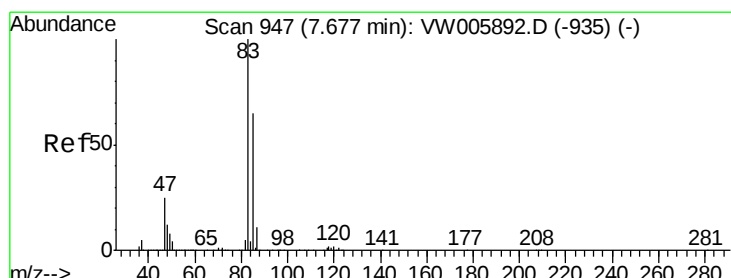
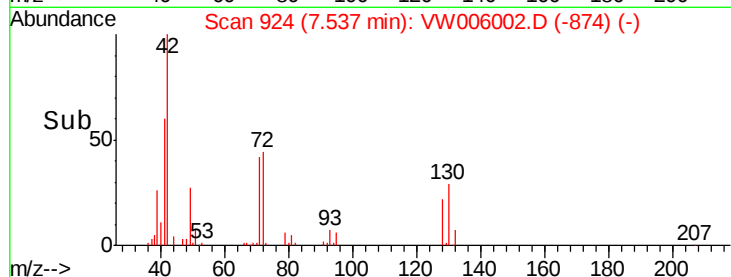
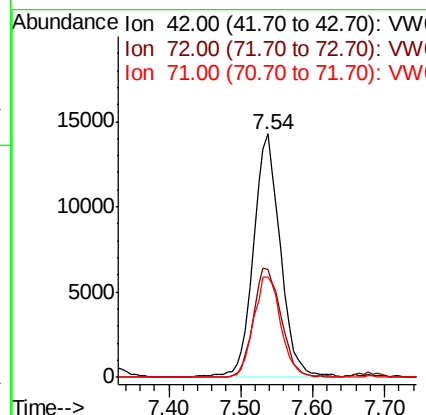
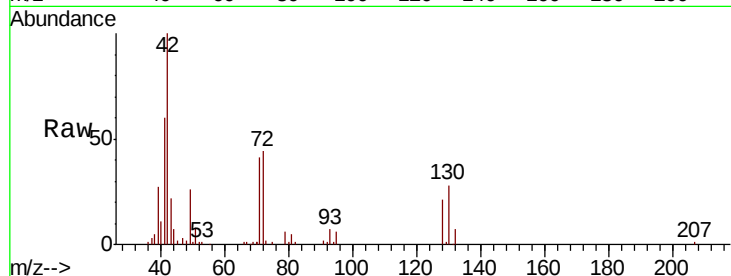
#29
Tetrahydrofuran
Concen: 96.487 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	34.6	51.8
71	42.4	32.6	49.0

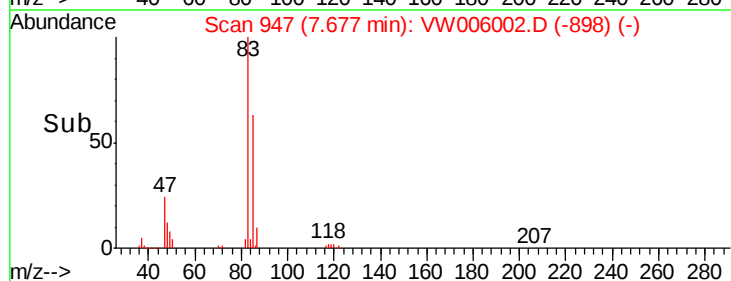
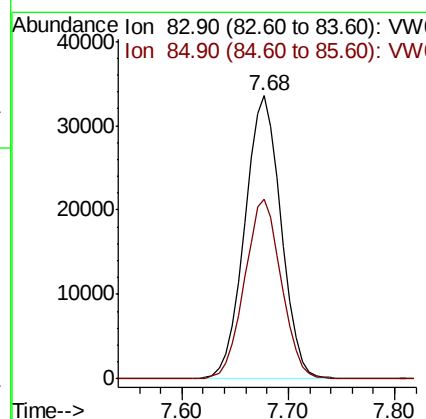
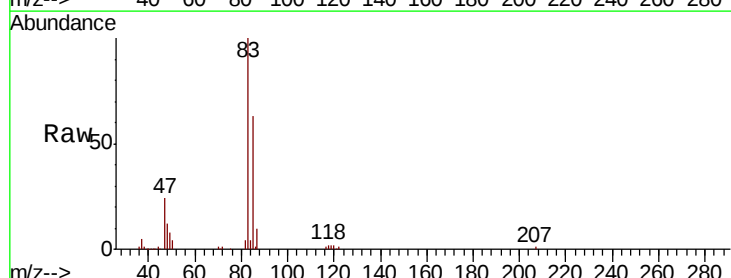
Manual Integrations
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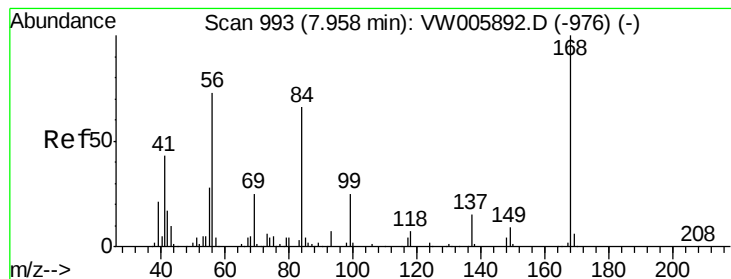
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#30
Chloroform
Concen: 20.663 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.6	77.4





#31

Cyclohexane

Concen: 17.098 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

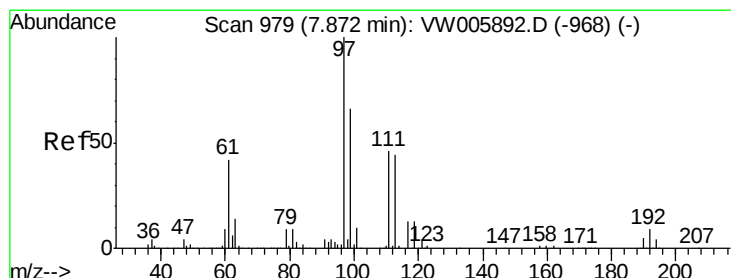
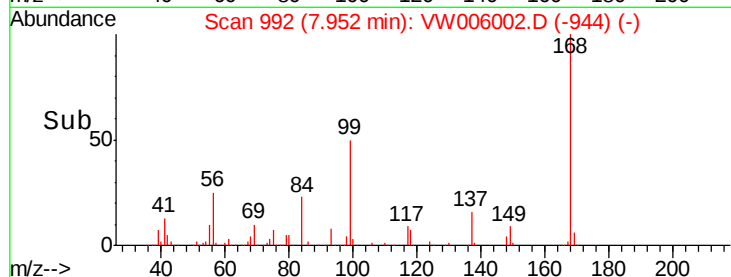
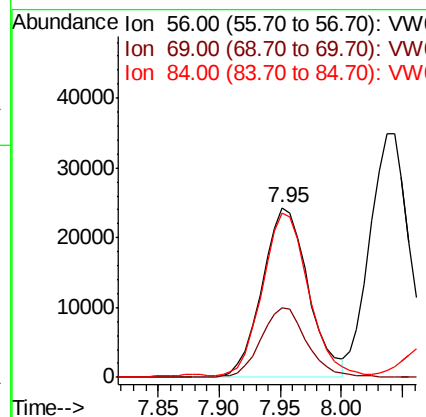
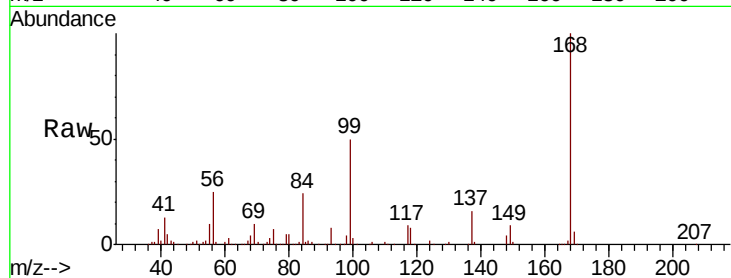
ClientSampleId :

VW1011SBSD01

Tot Ion:	56	Resp:	63934
Ion Ratio	Lower	Upper	
56	100		
69	41.3	27.9	41.9
84	95.2	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.756 ug/l

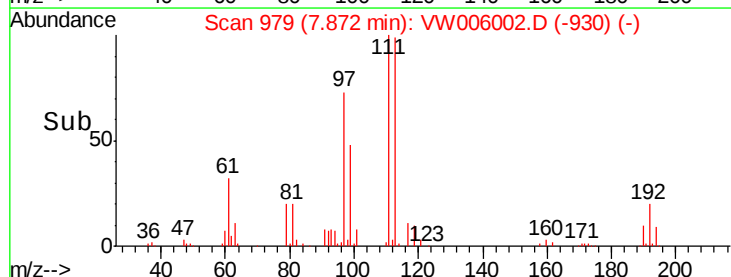
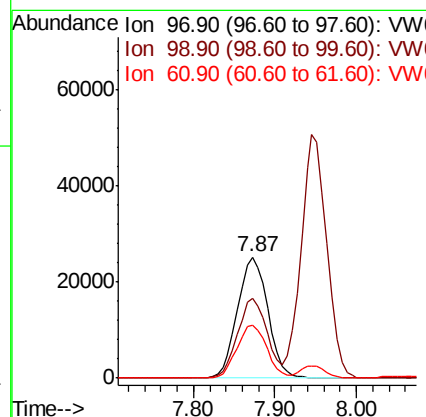
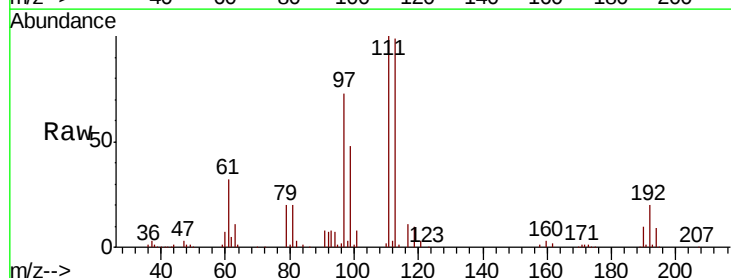
RT: 7.87 min Scan# 979

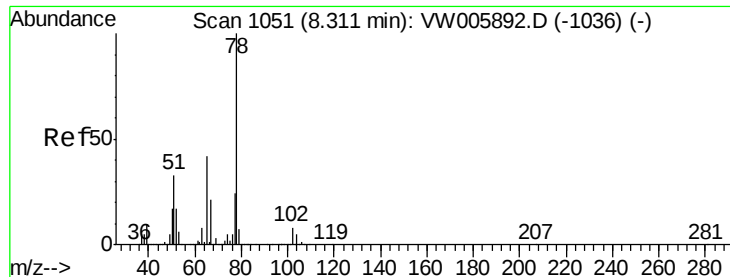
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	97	Resp:	64828
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.6	77.4
61	43.4	34.5	51.7





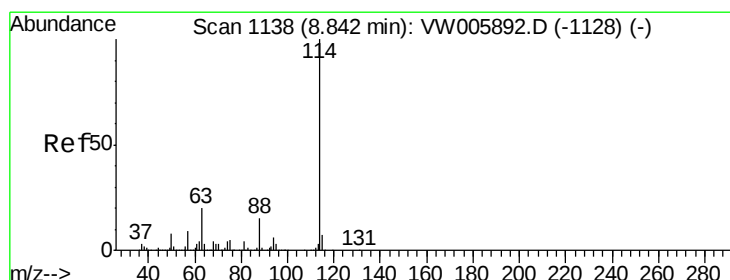
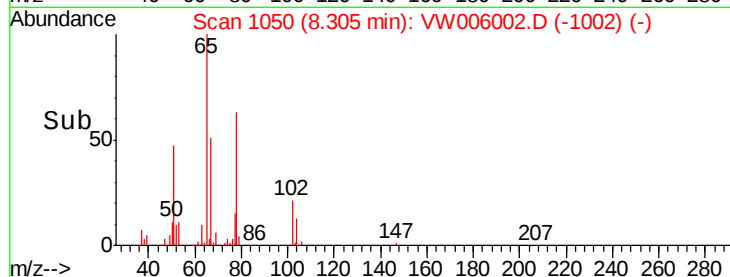
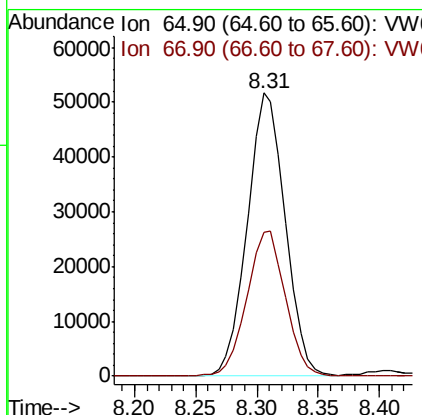
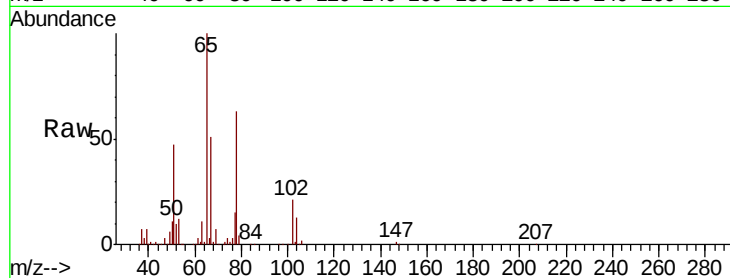
#33
 1,2-Dichloroethane-d4
 Concen: 52.163 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	104.6	

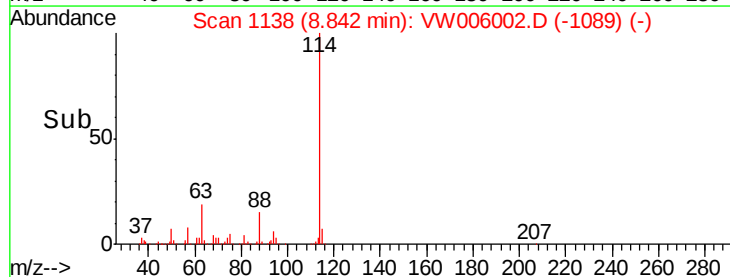
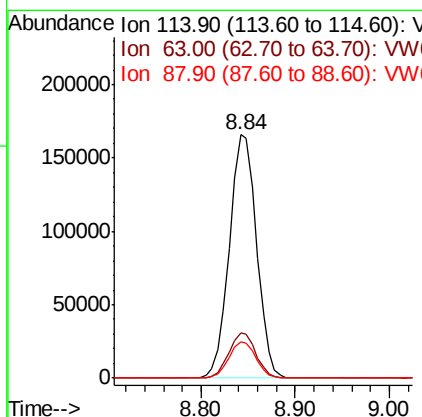
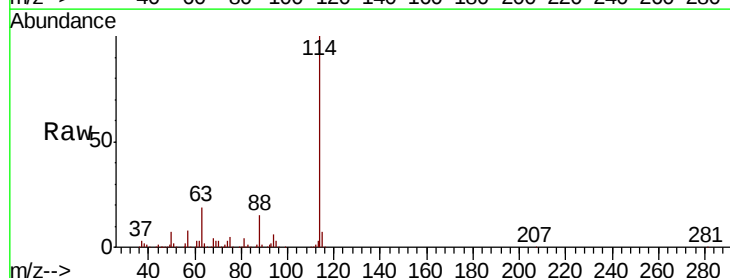
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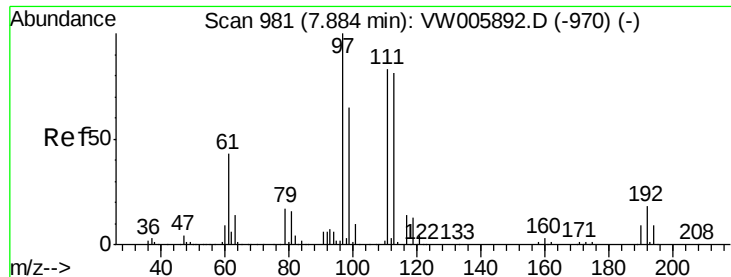
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.6	0.0	39.2	
88	14.7	0.0	30.8	





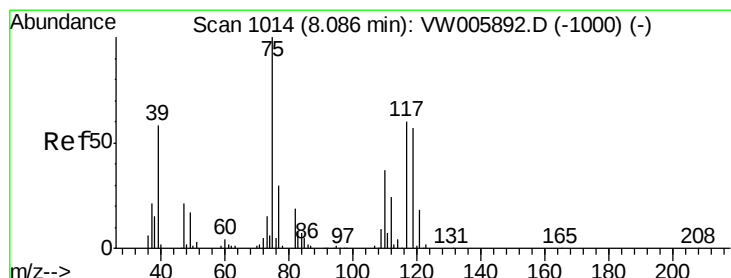
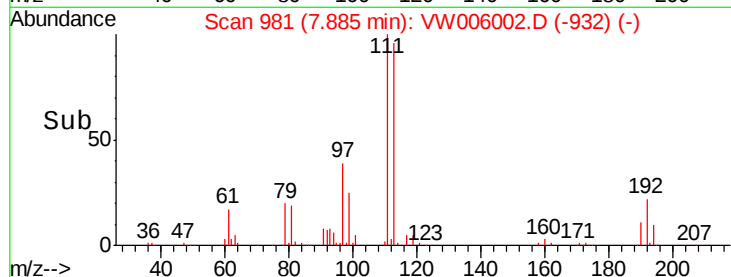
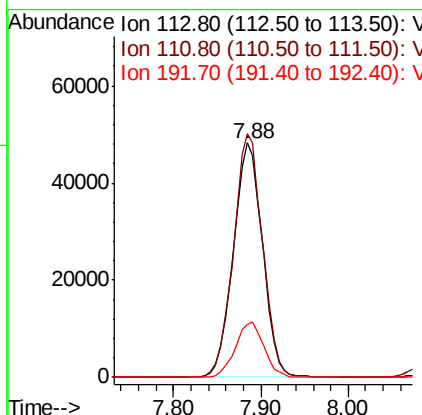
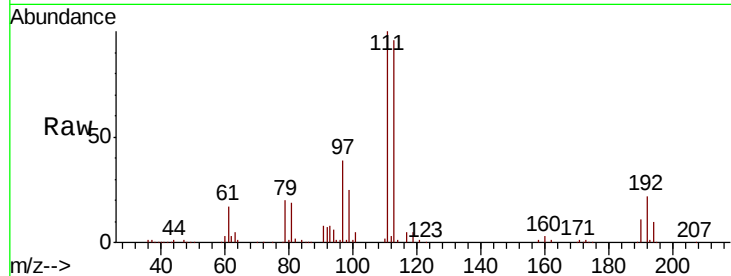
#35
 Dibromofluoromethane
 Concen: 52.712 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111821		
111	103.3	82.0	123.0	
192	23.3	18.3	27.5	

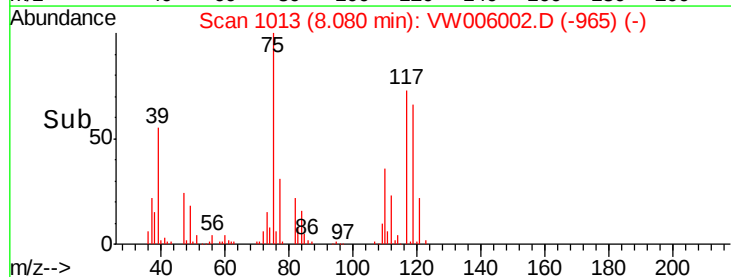
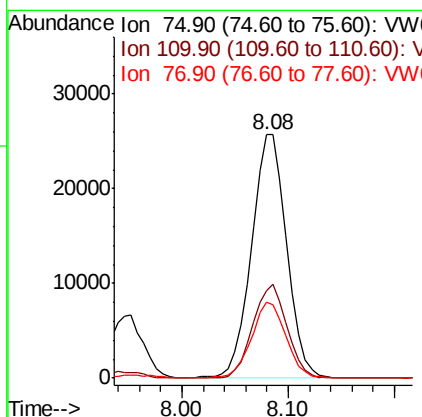
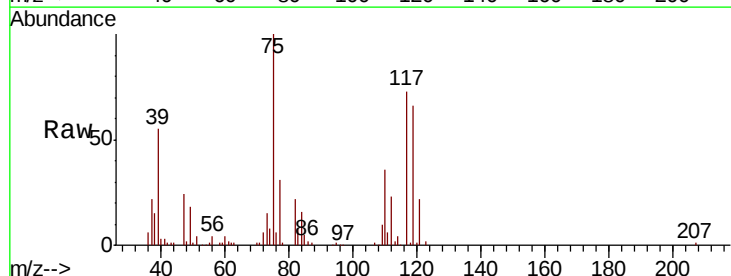
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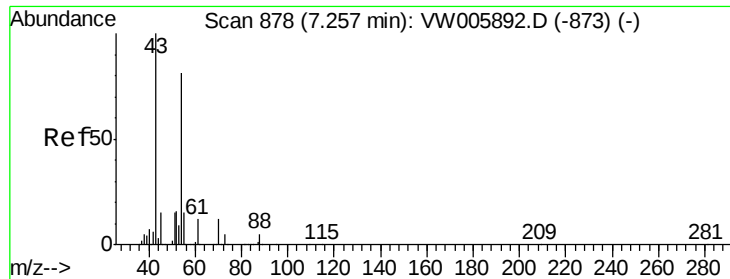
apatel
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#36
 1,1-Dichloropropene
 Concen: 18.731 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59633		
110	37.4	18.6	56.0	
77	30.8	24.7	37.1	





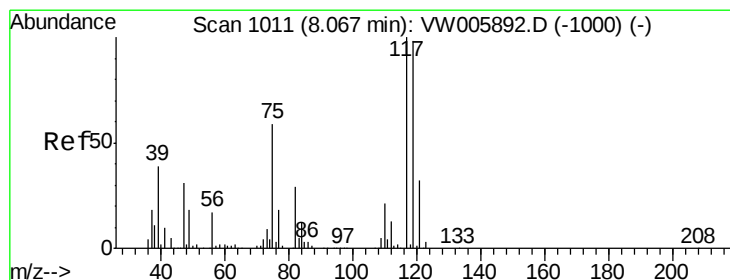
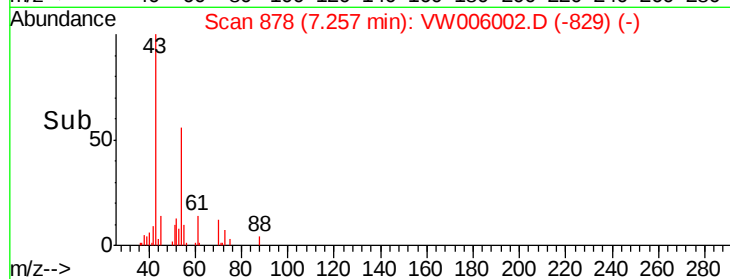
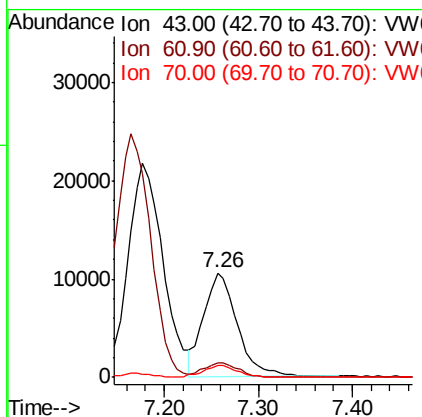
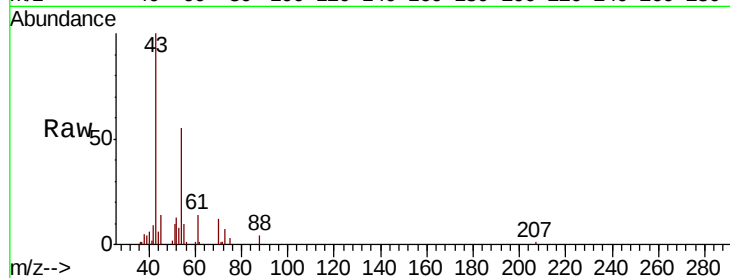
#37
Ethyl Acetate
Concen: 19.289 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	11.5	8.6	13.0

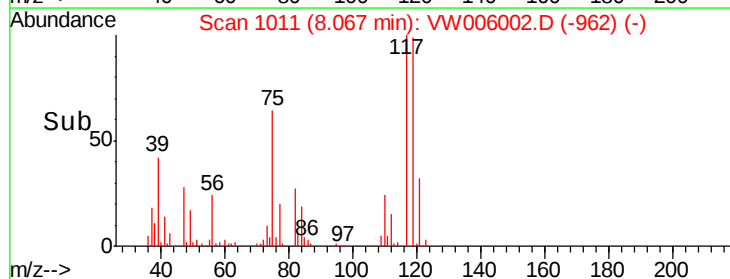
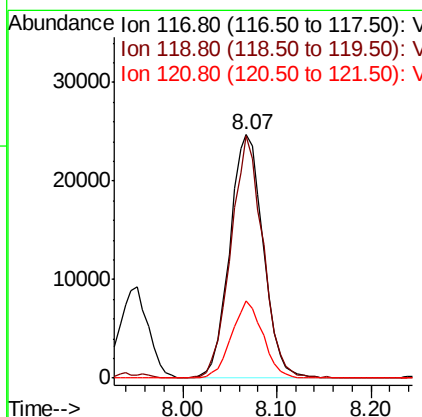
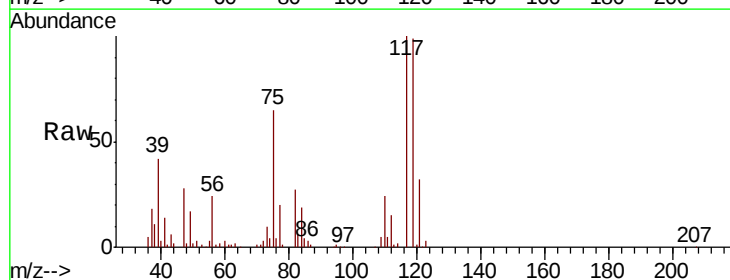
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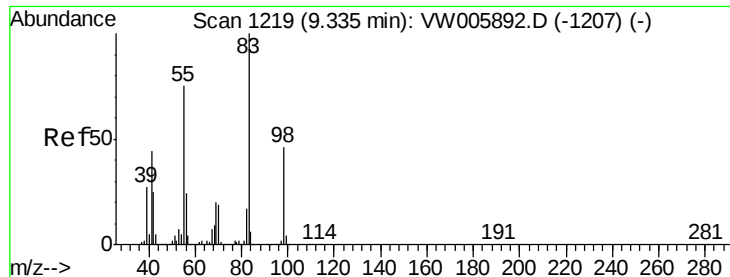
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#38
Carbon Tetrachloride
Concen: 17.919 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	78.6	117.8
121	31.6	25.3	37.9





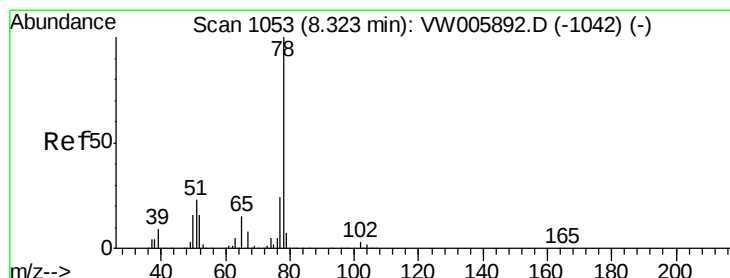
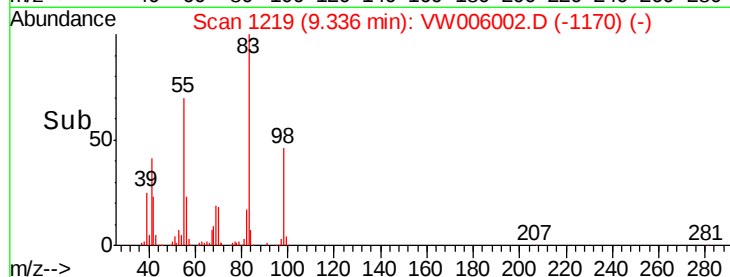
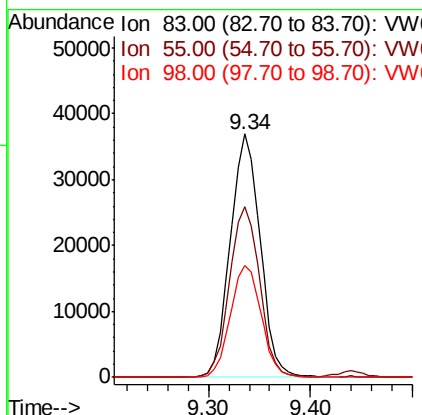
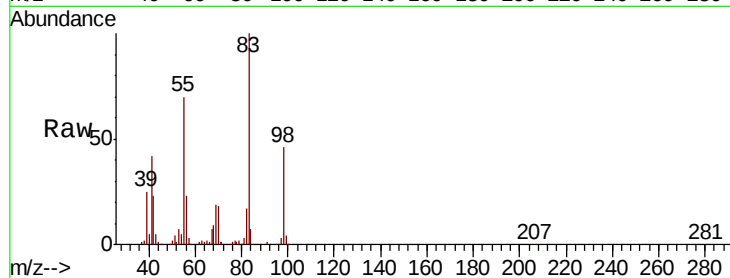
#39
Methylcyclohexane
Concen: 17.870 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	59.8	89.6
98	45.6	37.1	55.7

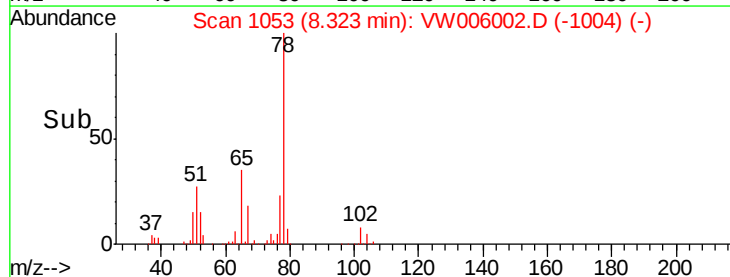
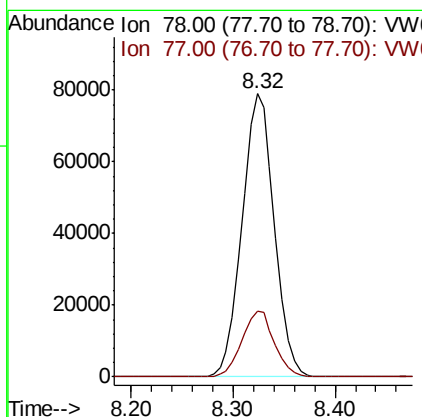
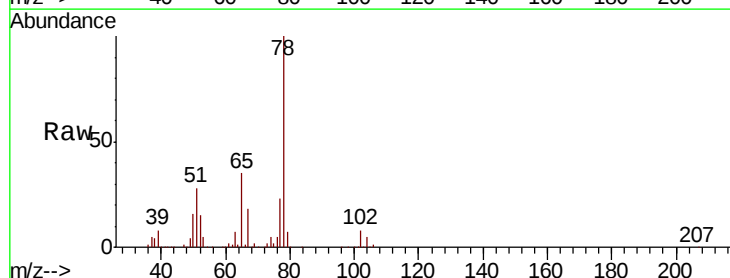
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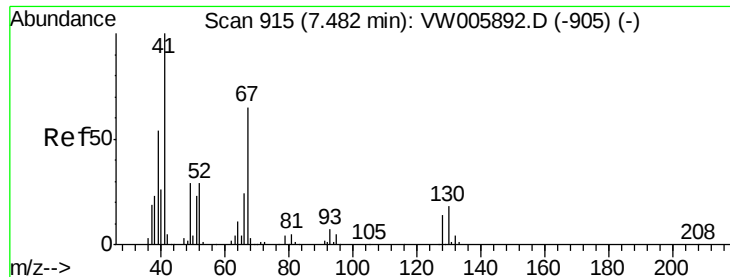
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#40
Benzene
Concen: 19.772 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





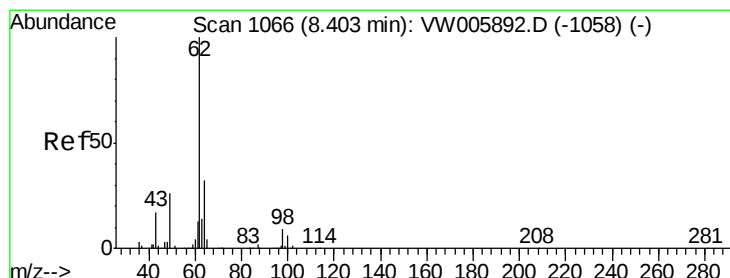
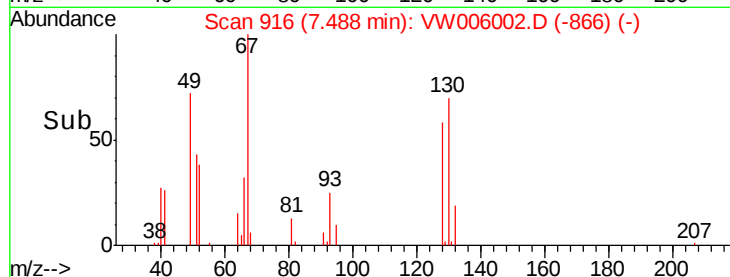
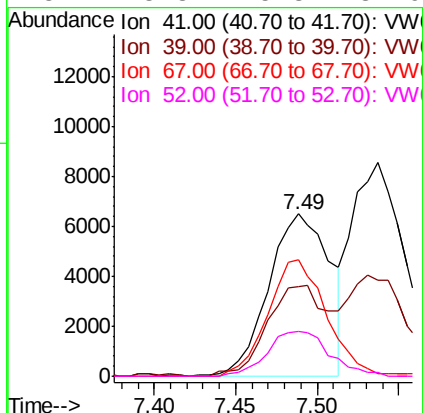
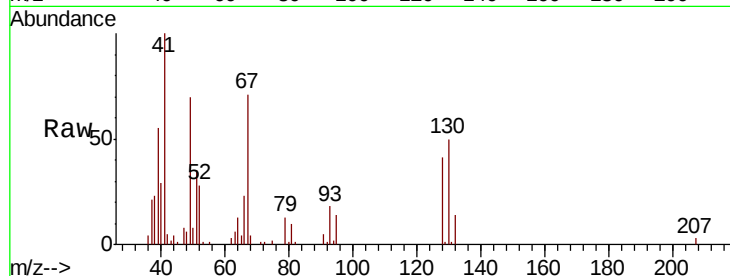
#41
Methacrylonitrile
Concen: 20.086 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		16954		
39	57.0	45.0	67.4		
67	69.0	55.8	83.8		
52	28.3	25.3	37.9		

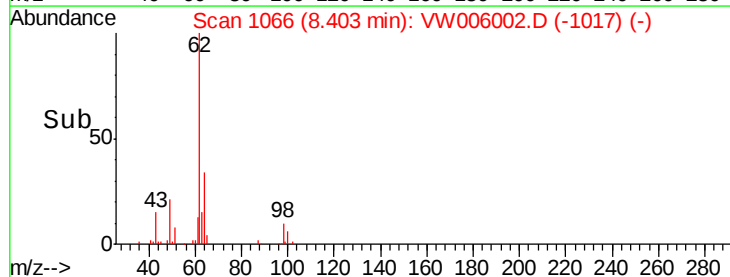
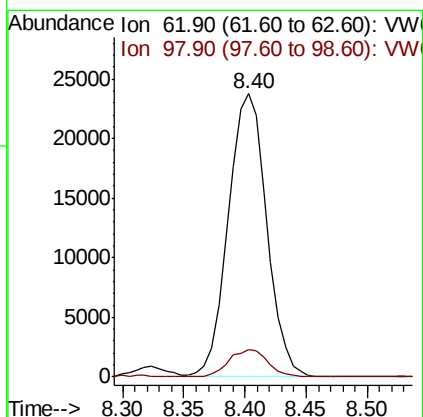
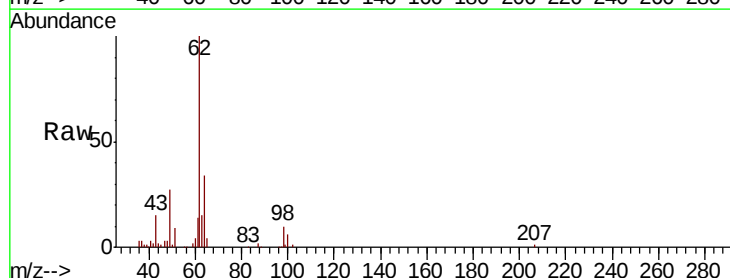
Manual Integrations
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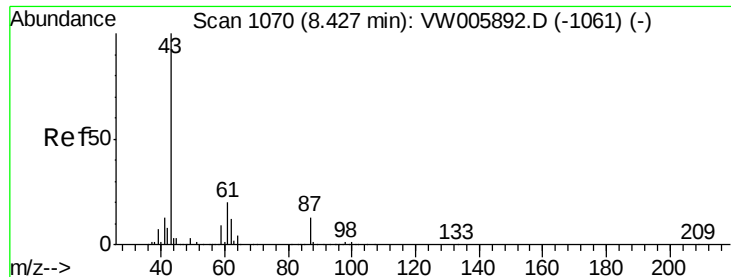
apatel
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#42
1,2-Dichloroethane
Concen: 19.607 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		51617		
98	9.8	0.0	18.0		





#43

Isopropyl Acetate

Concen: 18.278 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

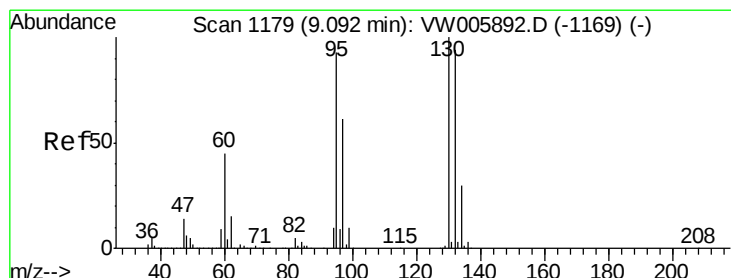
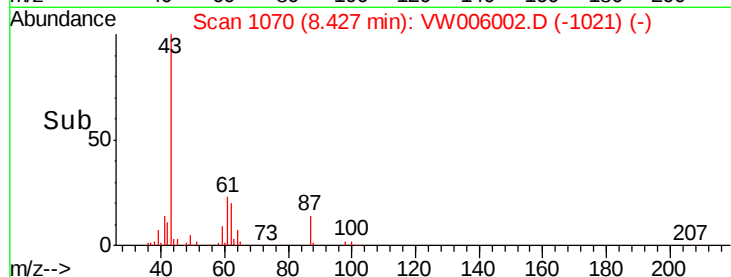
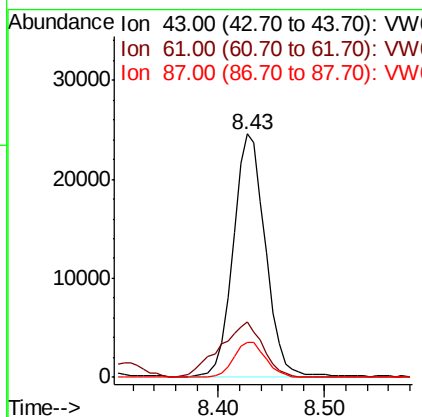
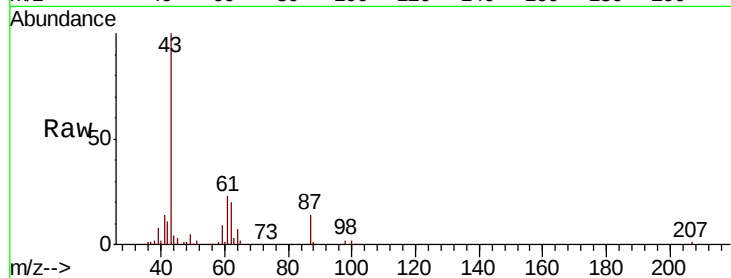
ClientSampleId :

VW1011SBSD01

Tot Ion:	43	Resp:	51477
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.1	34.7
87	14.4	10.7	16.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.094 ug/l

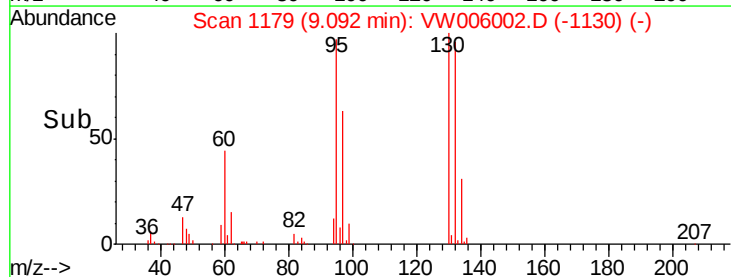
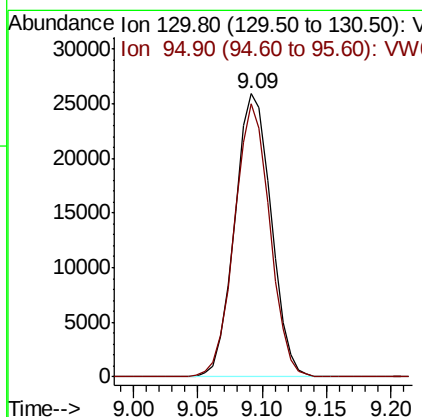
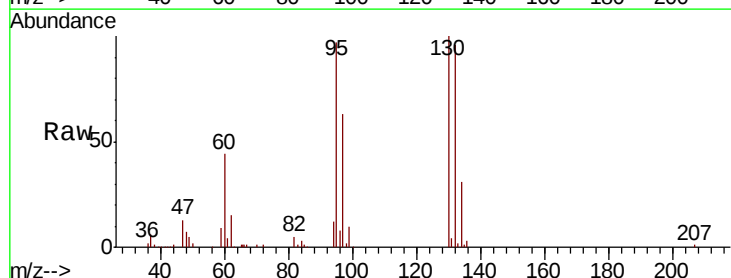
RT: 9.09 min Scan# 1179

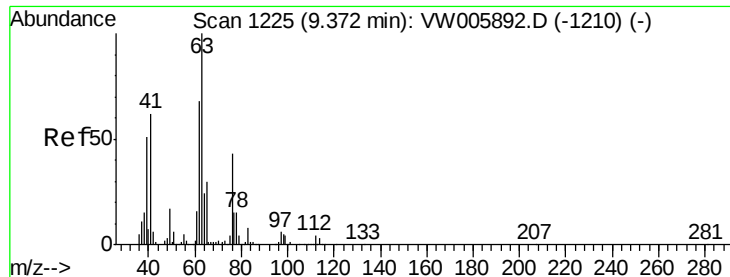
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	130	Resp:	50802
Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	185.6





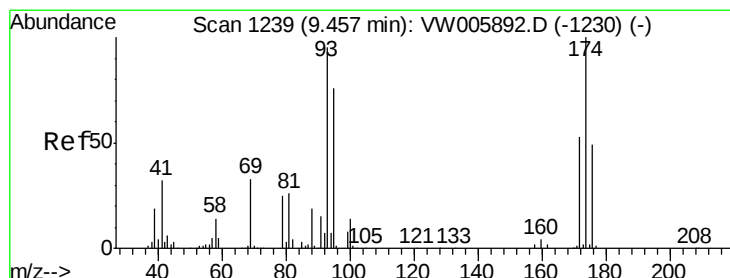
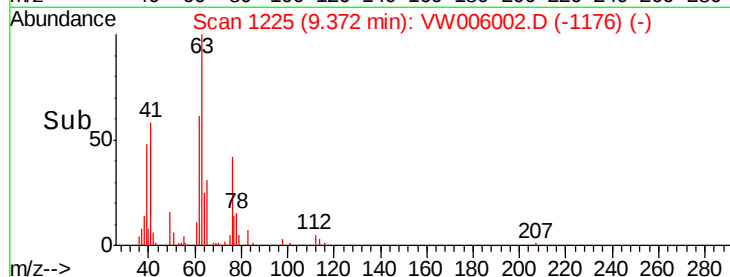
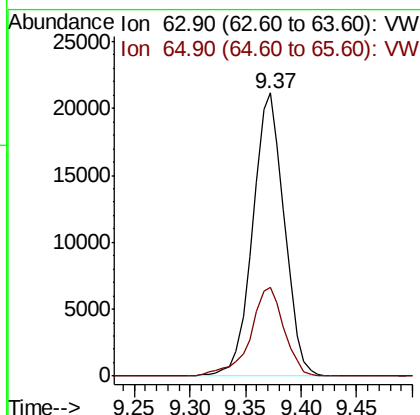
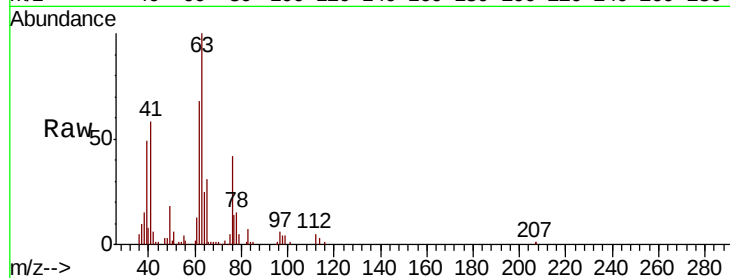
#45
 1,2-Dichloropropane
 Concen: 19.105 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	63	Resp	41670
Ion Ratio	Lower	Upper	
63	100		
65	31.2	24.3	36.5

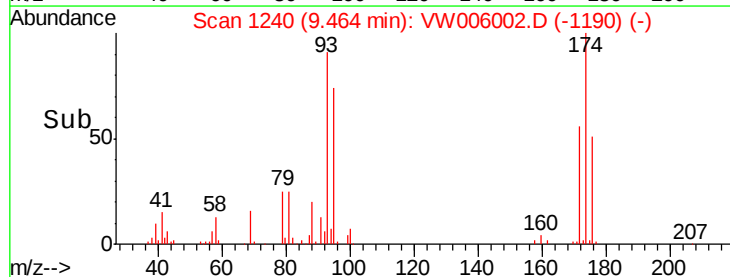
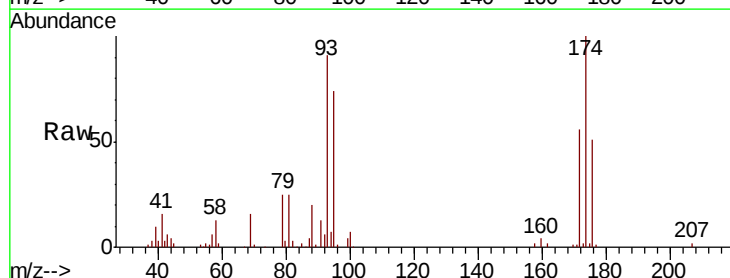
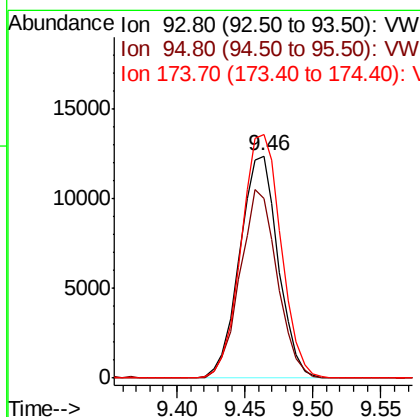
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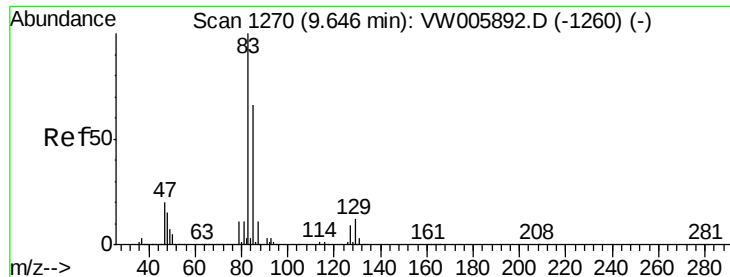
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#46
 Dibromomethane
 Concen: 20.430 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	93	Resp	24491
Ion Ratio	Lower	Upper	
93	100		
95	81.9	66.6	99.8
174	113.2	90.4	135.6





#47

Bromodichloromethane

Concen: 18.847 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

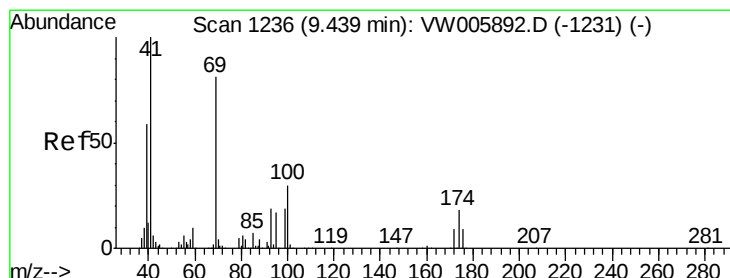
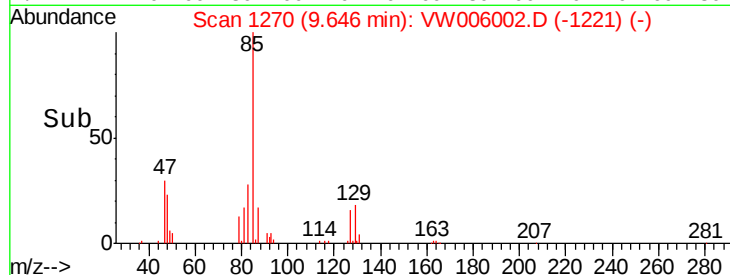
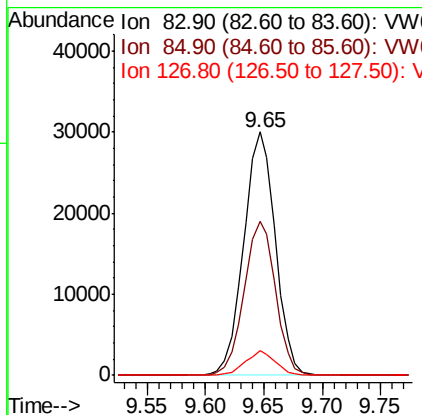
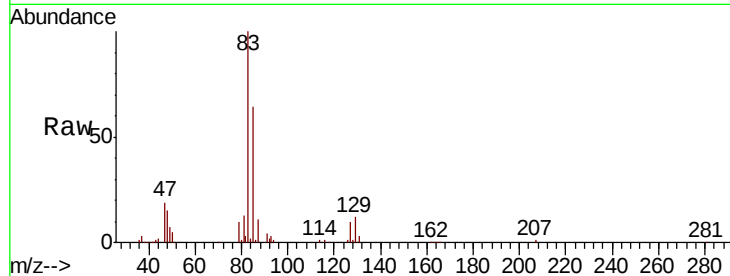
ClientSampleId :

VW1011SBSD01

Tot Ion:	83	Resp:	56853
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.6
127	10.0	7.4	11.0

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#48

Methyl methacrylate

Concen: 17.726 ug/l

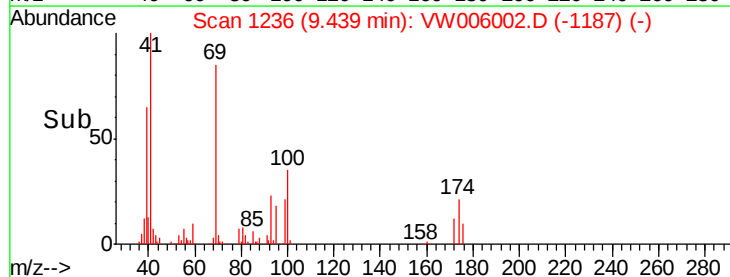
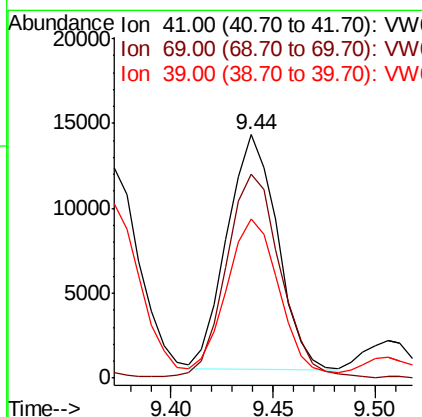
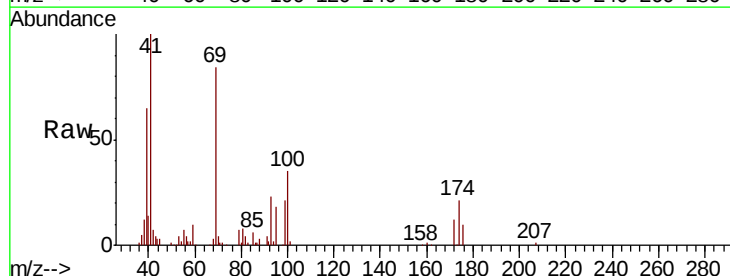
RT: 9.44 min Scan# 1236

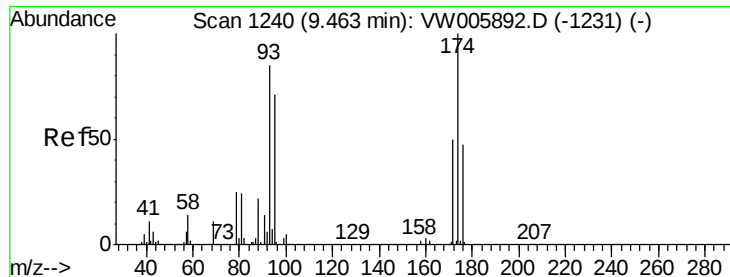
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	41	Resp:	23781
Ion	Ratio	Lower	Upper
41	100		
69	94.0	68.7	103.1
39	71.2	50.0	75.0





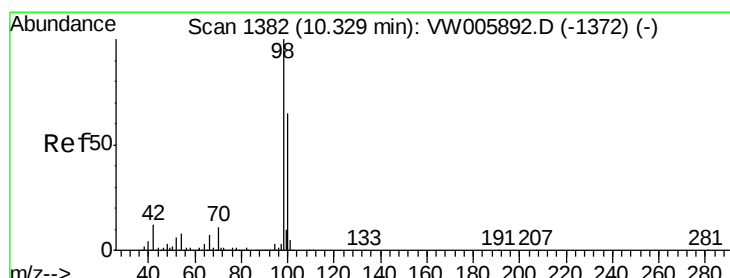
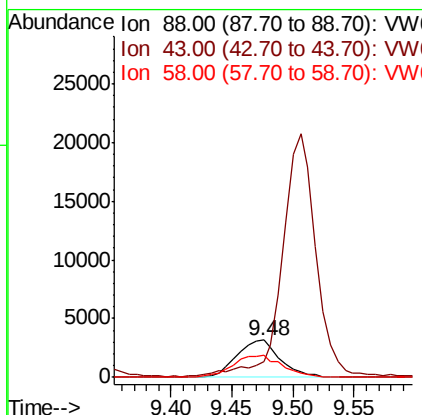
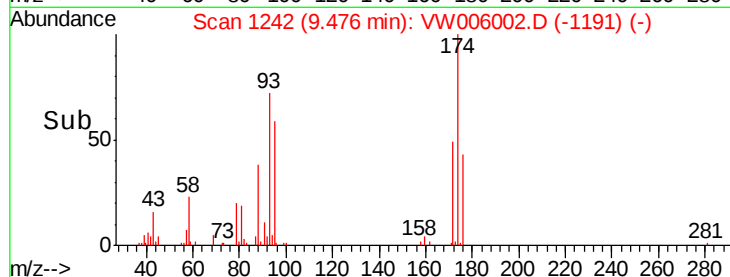
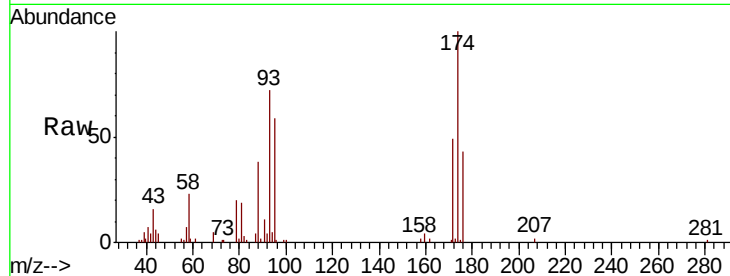
#49
1,4-Dioxane
Concen: 428.364 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	67.5	57.7	86.5

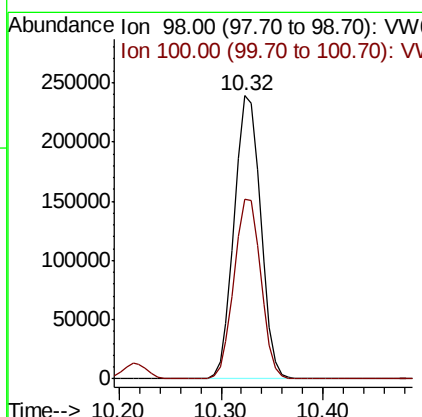
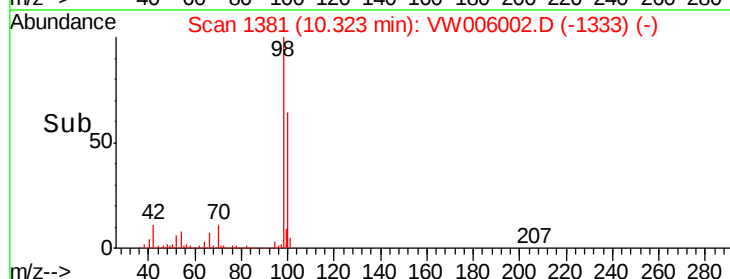
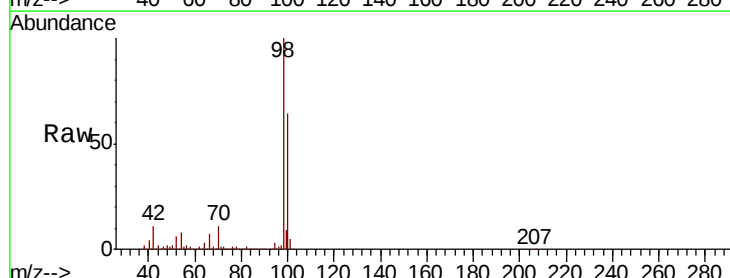
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#50
Toluene-d8
Concen: 52.532 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





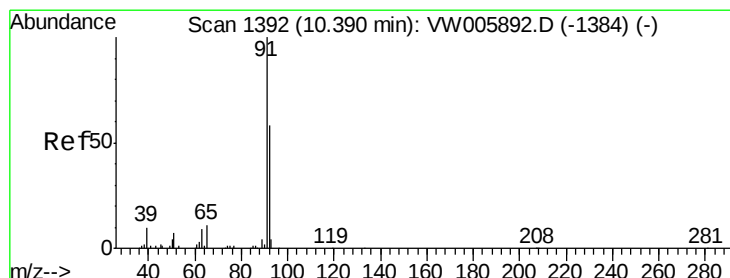
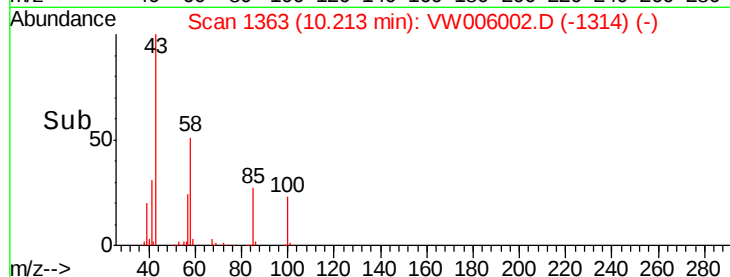
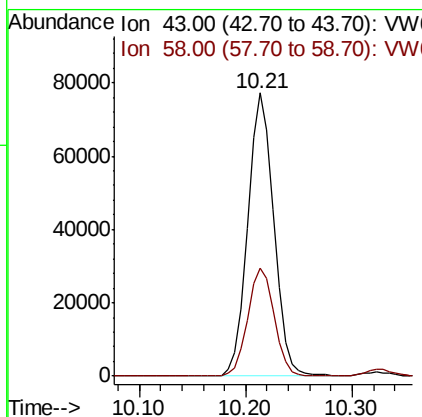
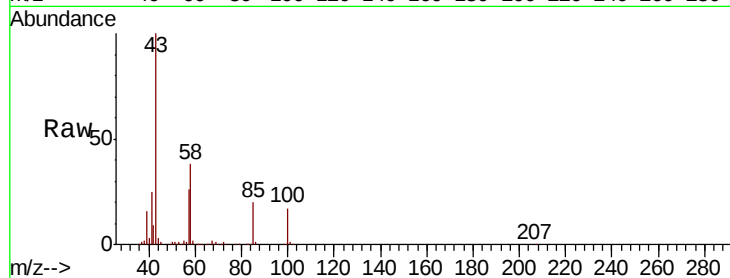
#51
 4-Methyl-2-Pentanone
 Concen: 97.064 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

Tot Ion	43	Resp	133117
Ion Ratio	100	Lower	Upper
43	100		
58	38.7	30.2	45.4

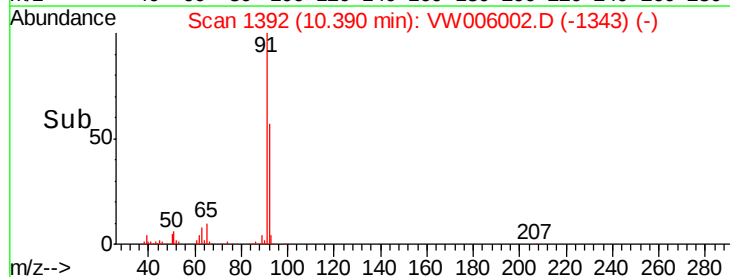
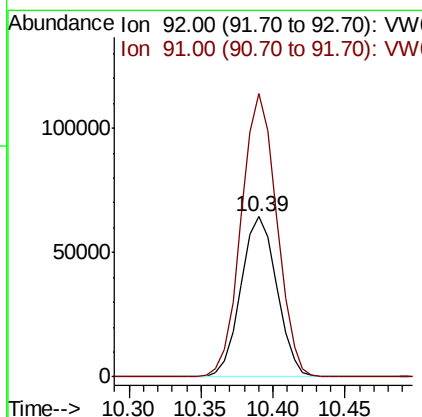
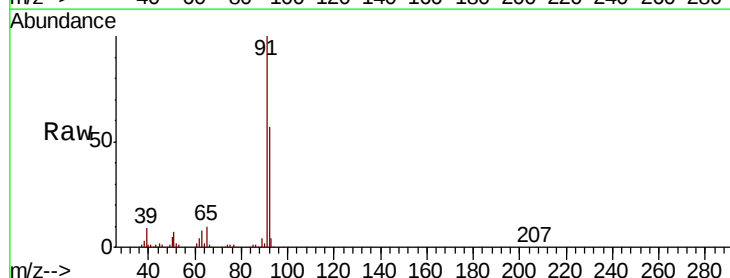
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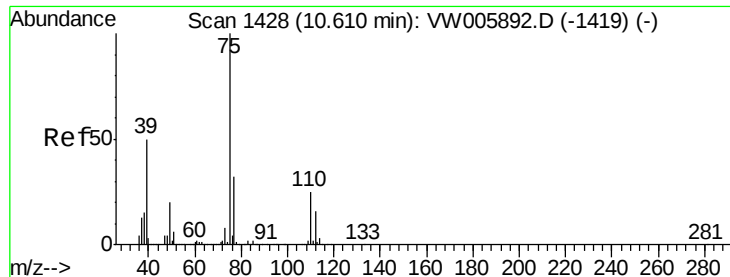
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#52
 Toluene
 Concen: 19.511 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	92	Resp	111688
Ion Ratio	100	Lower	Upper
92	100		
91	174.6	138.2	207.4





#53

t-1,3-Dichloropropene

Concen: 16.828 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBSD01

Tot Ion: 75 Resp: 53050

Ion Ratio Lower Upper

75 100

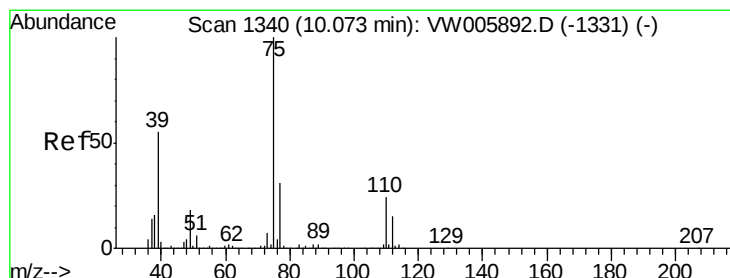
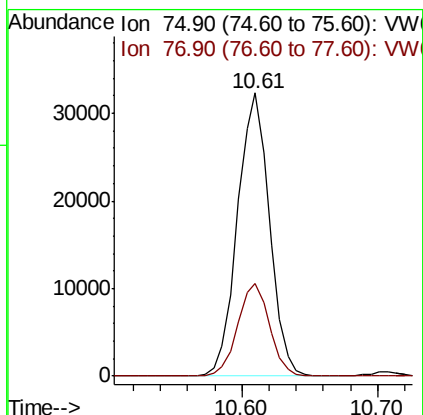
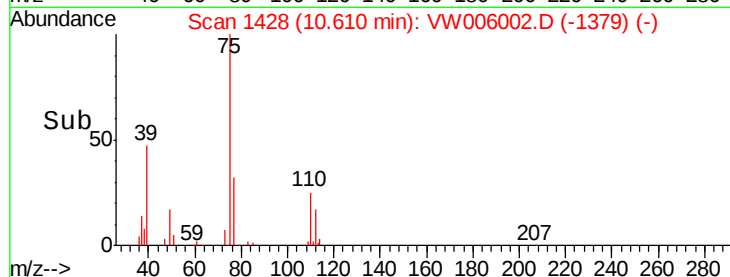
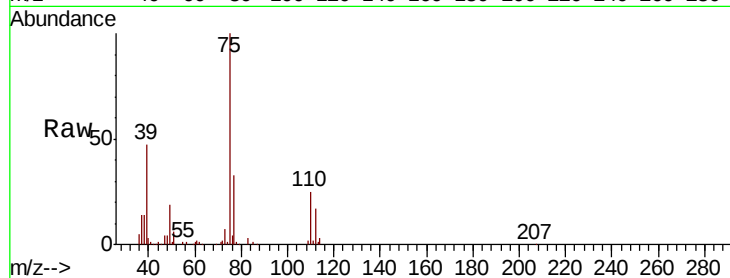
77 32.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 17.638 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

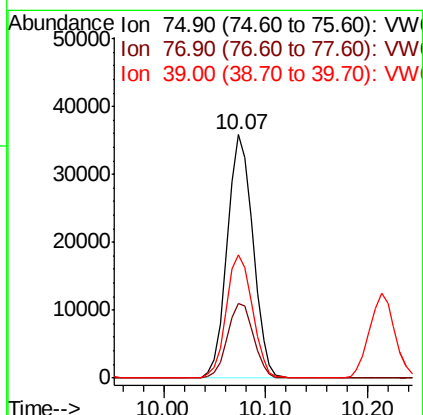
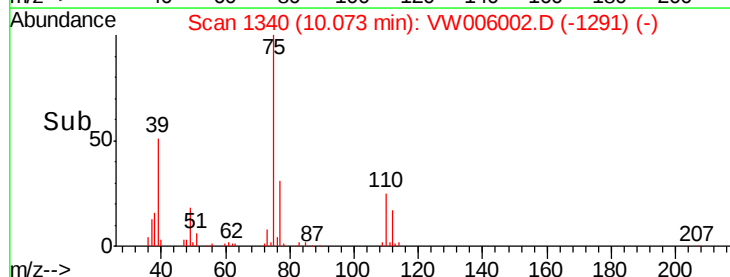
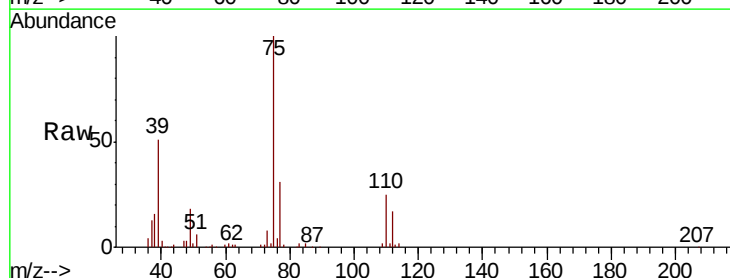
Tgt Ion: 75 Resp: 62504

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 50.4 44.2 66.4





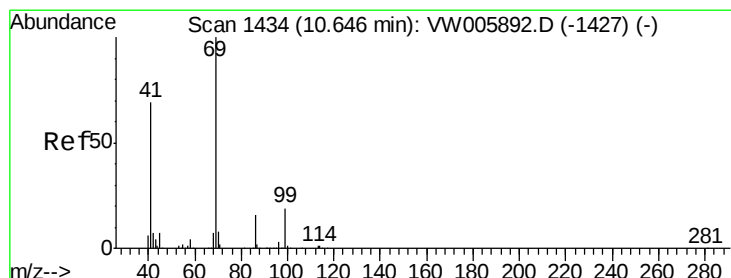
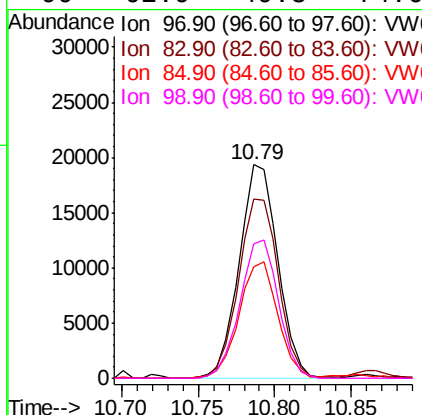
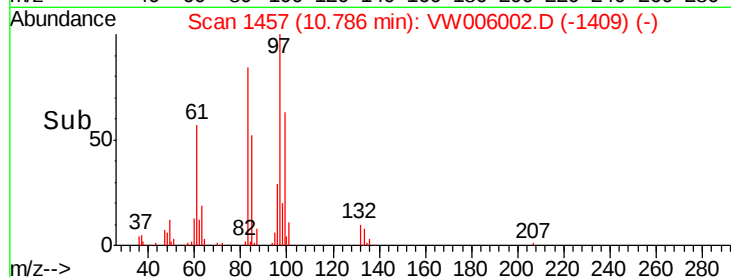
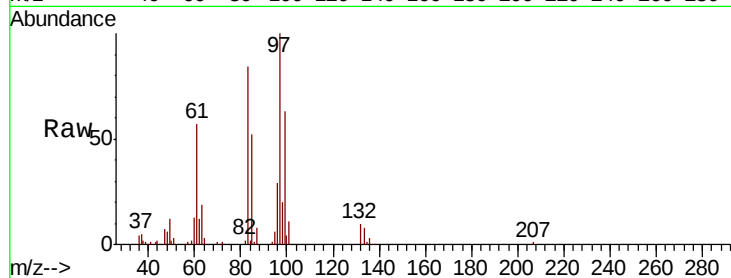
#55
 1,1,2-Trichloroethane
 Concen: 20.524 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	97	Resp:	34077
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.9	100.3
85	52.2	43.4	65.0
99	62.9	49.8	74.6

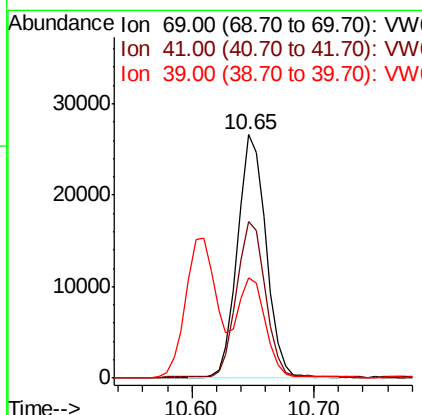
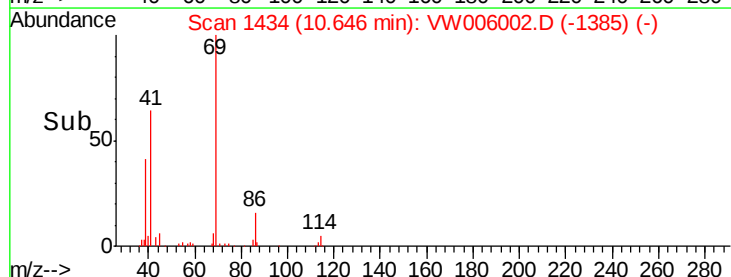
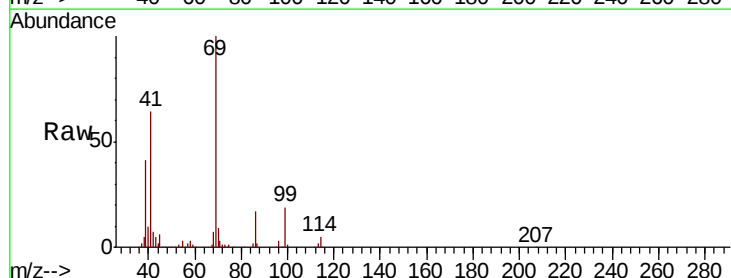
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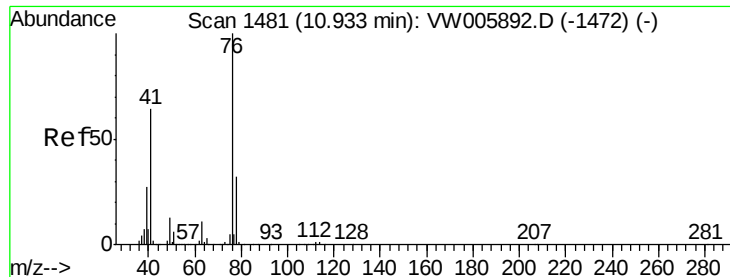
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#56
 Ethyl methacrylate
 Concen: 19.240 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	69	Resp:	43056
Ion	Ratio	Lower	Upper
69	100		
41	63.8	56.0	84.0
39	40.1	33.5	50.3





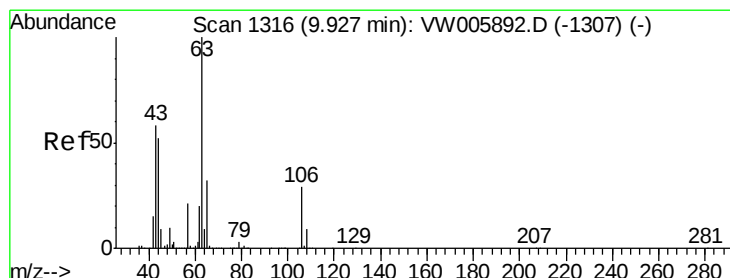
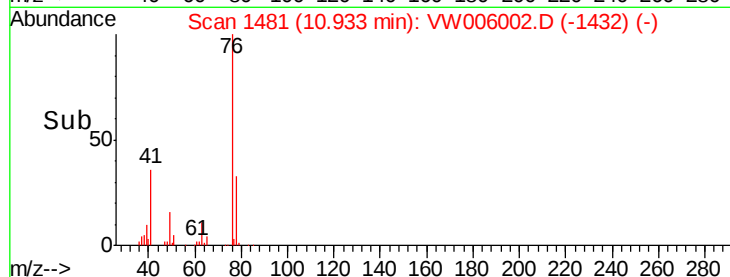
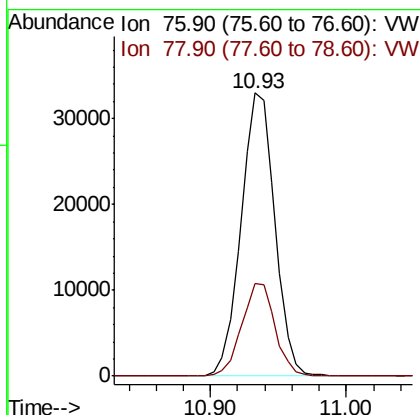
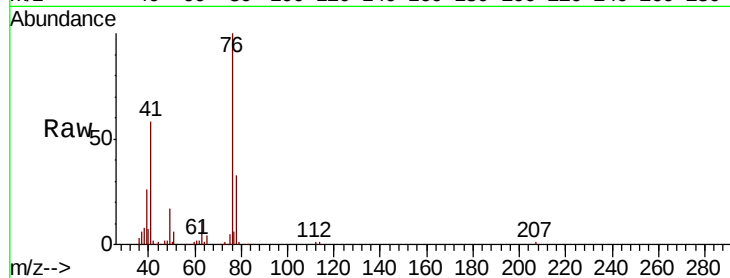
#57
 1,3-Dichloropropane
 Concen: 20.466 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

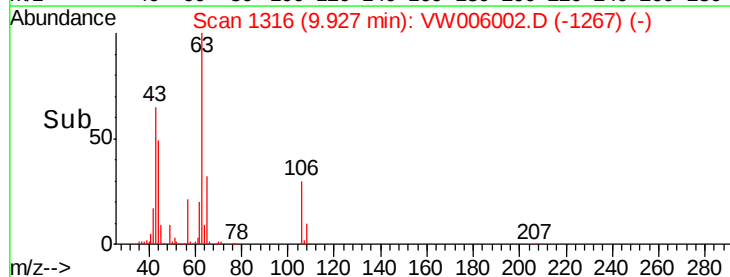
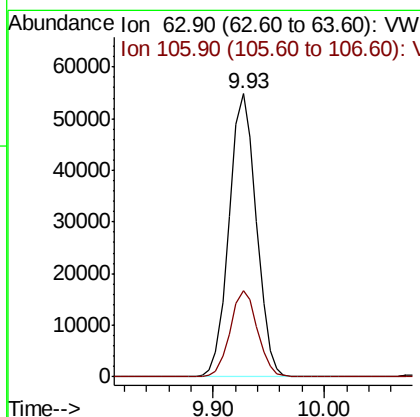
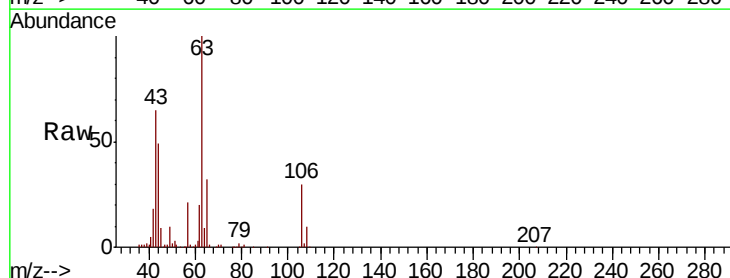
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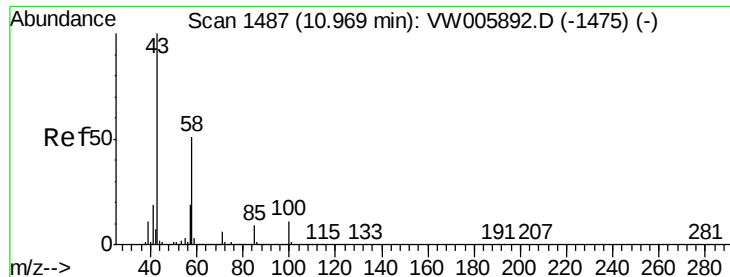
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.211 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.6	35.4





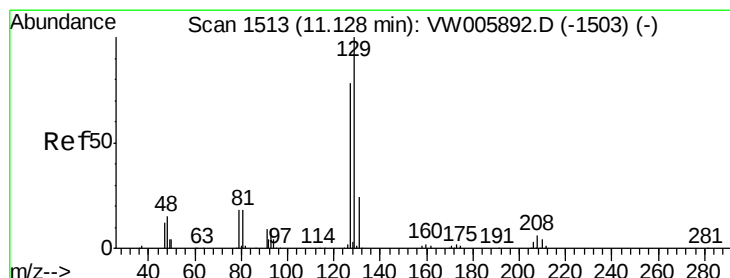
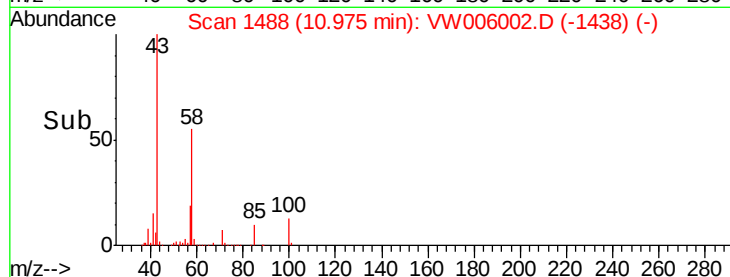
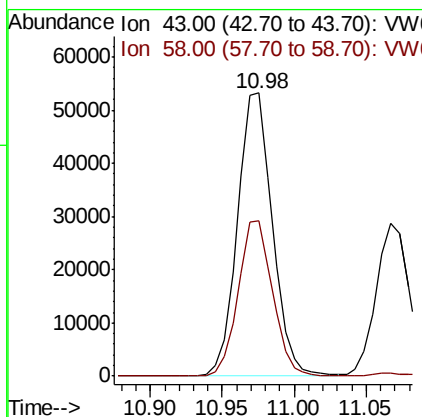
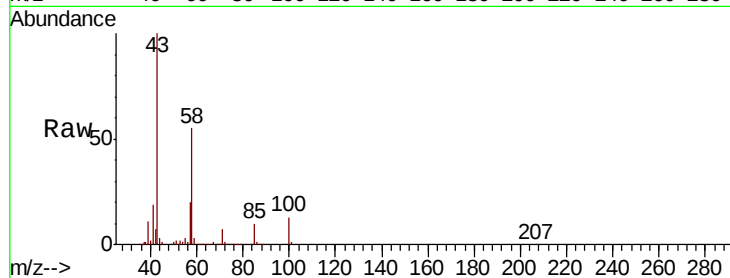
#59
2-Hexanone
Concen: 90.785 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion: 43 Resp: 89273
Ion Ratio Lower Upper
43 100
58 54.4 25.7 77.1

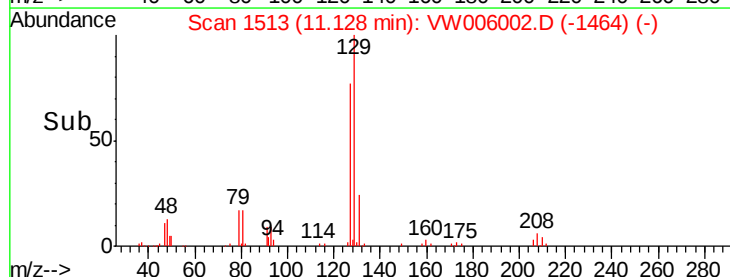
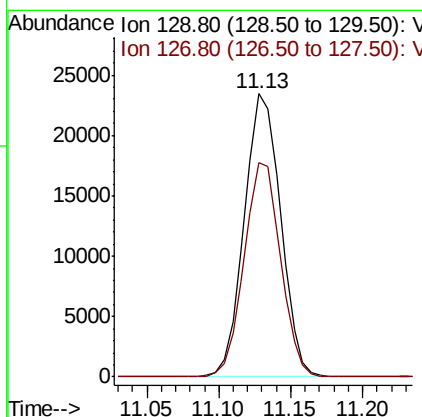
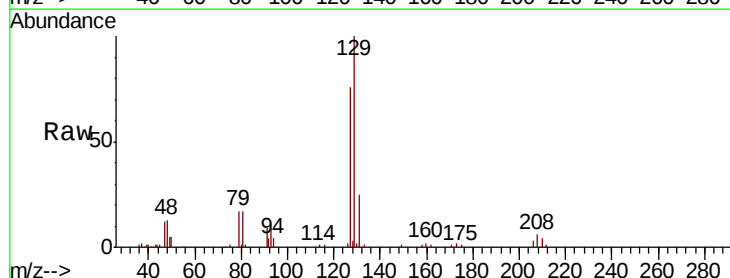
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#60
Dibromochloromethane
Concen: 19.138 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 129 Resp: 41006
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





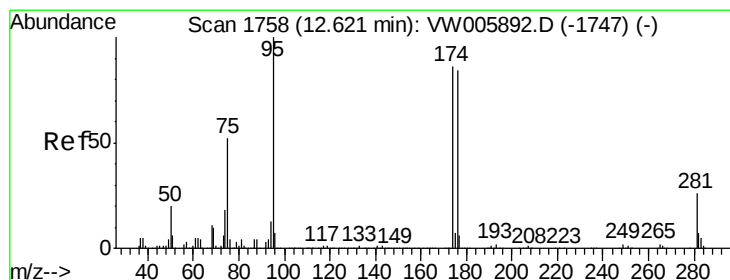
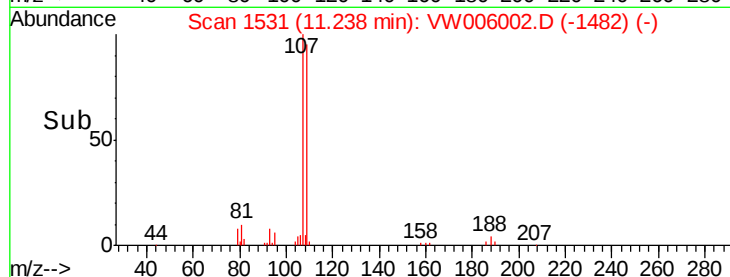
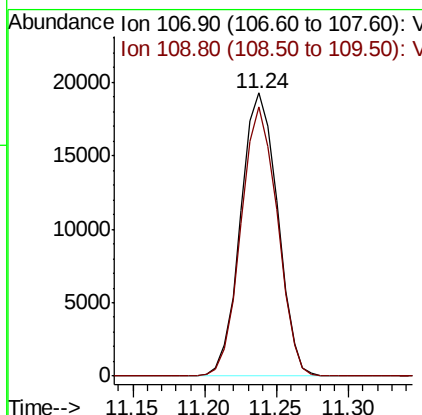
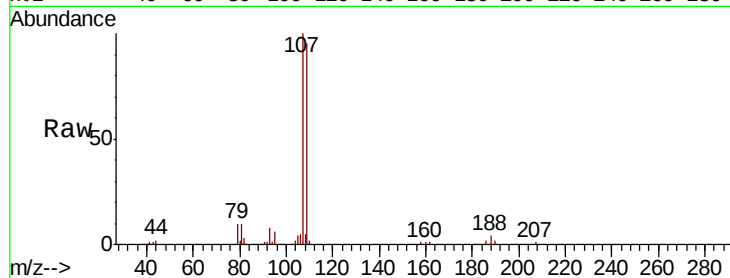
#61
1,2-Dibromoethane
Concen: 20.708 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion: 107 Resp: 34358
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8

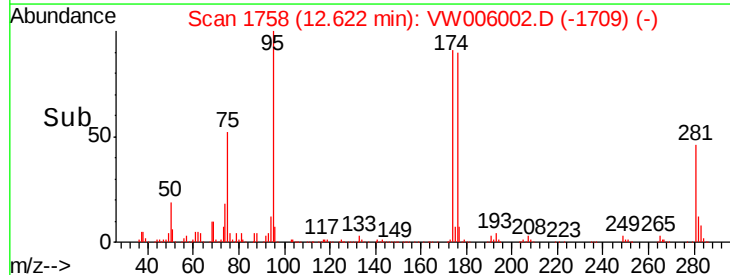
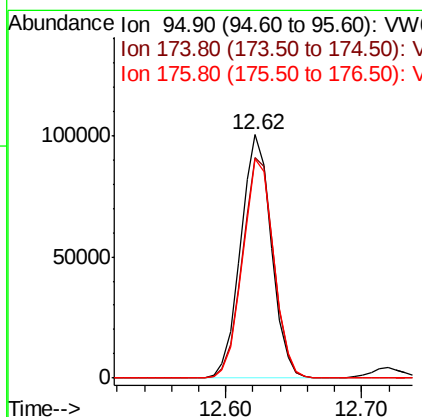
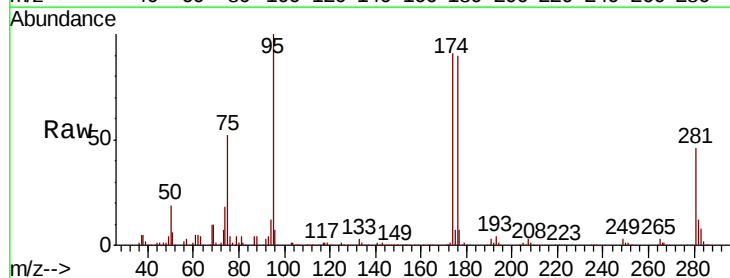
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#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 95 Resp: 158470
Ion Ratio Lower Upper
95 100
174 92.4 0.0 176.4
176 90.8 0.0 173.0





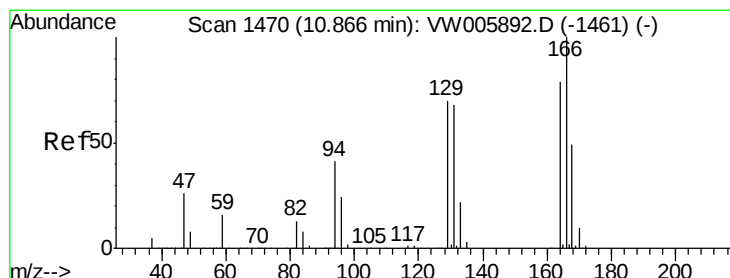
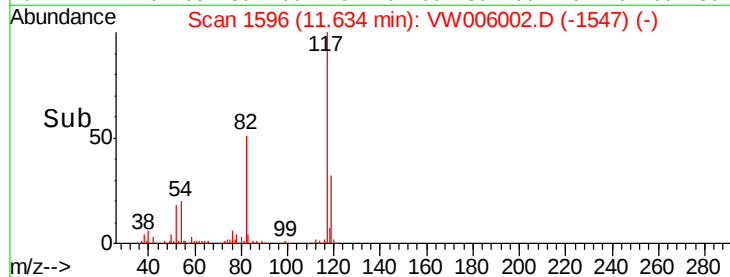
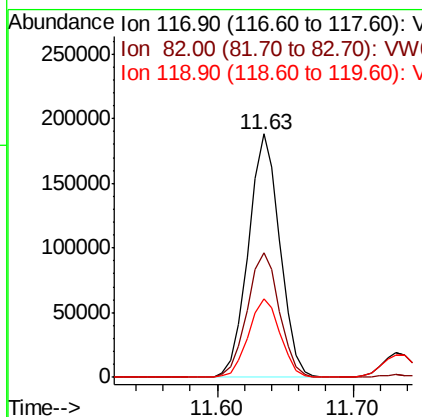
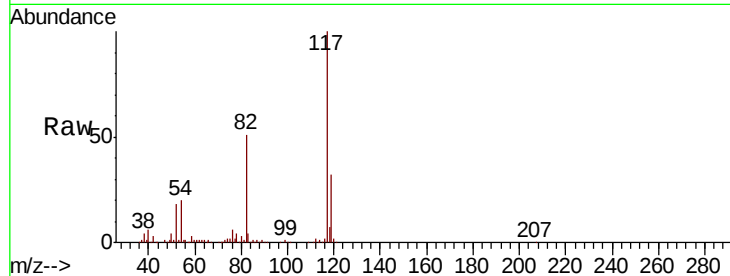
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.5	65.3
119	32.1	25.4	38.2

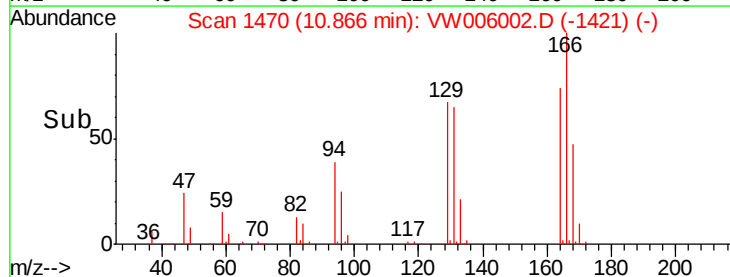
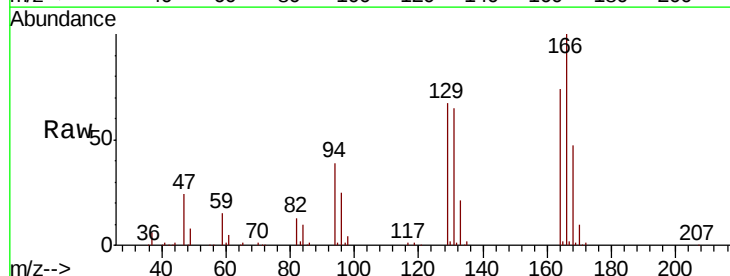
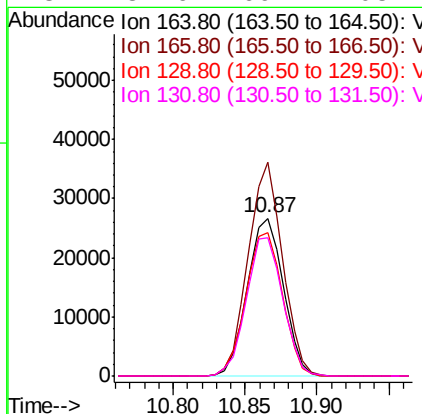
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#64
Tetrachloroethene
Concen: 20.310 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.2	101.5	152.3
129	90.8	71.1	106.7
131	87.6	69.1	103.7





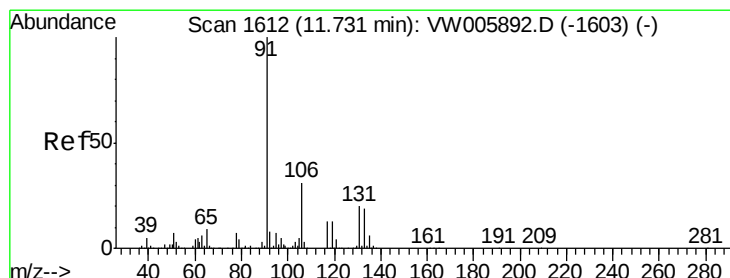
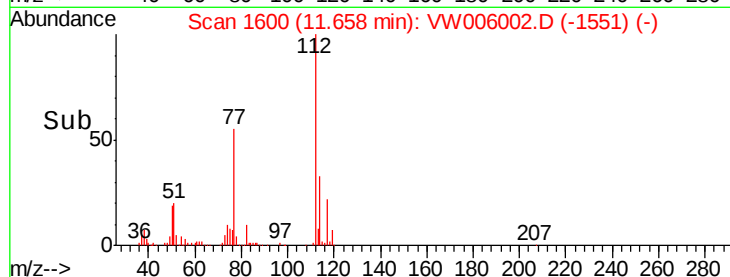
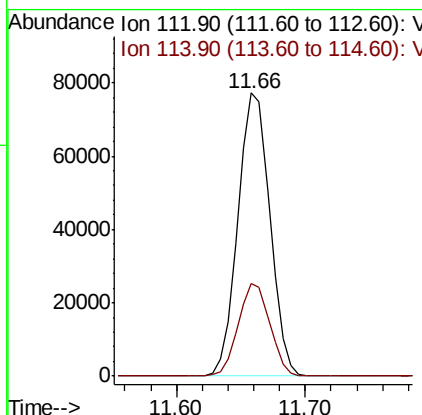
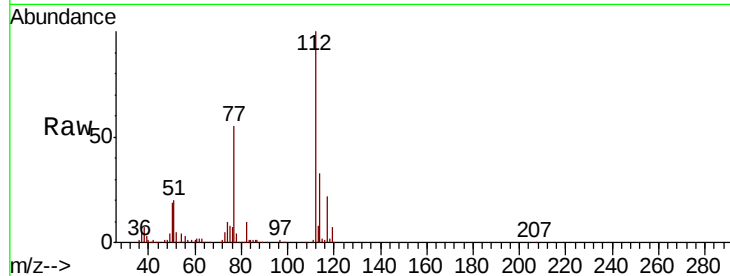
#65
Chlorobenzene
Concen: 20.296 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.6	38.4

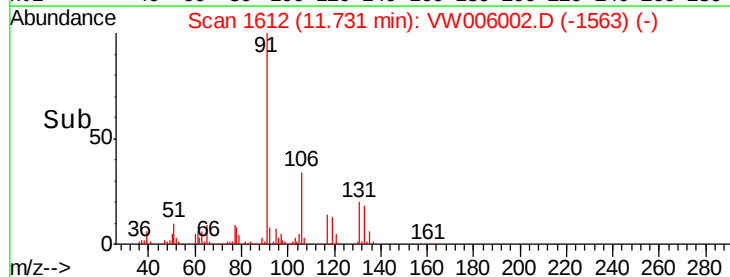
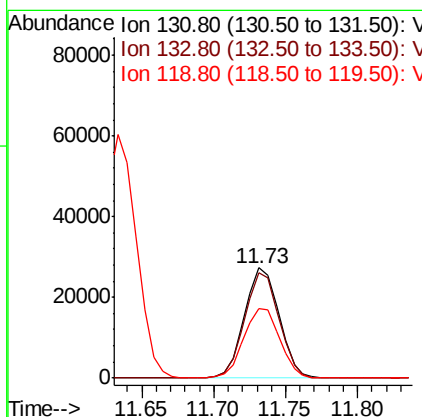
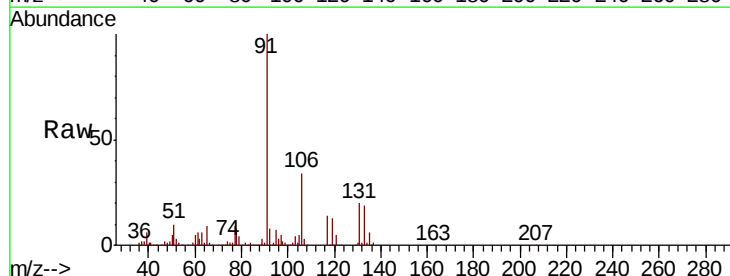
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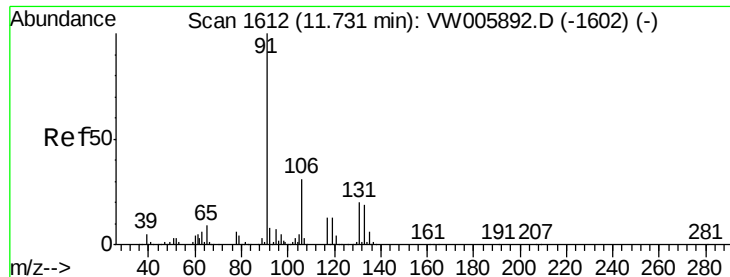
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.2	144.6
119	65.5	32.5	97.5





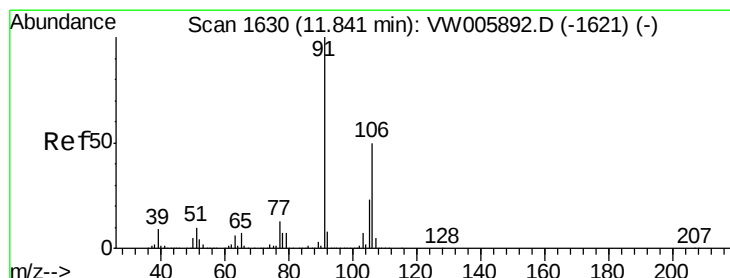
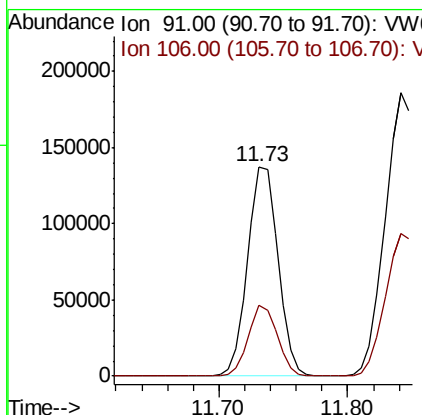
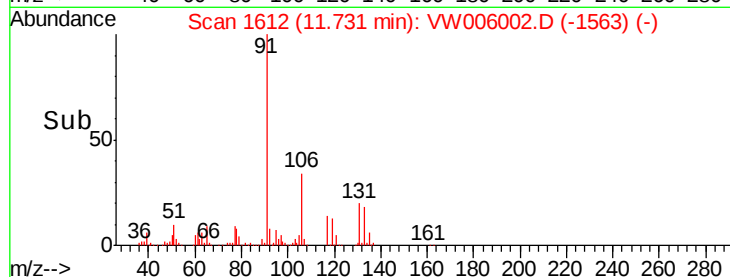
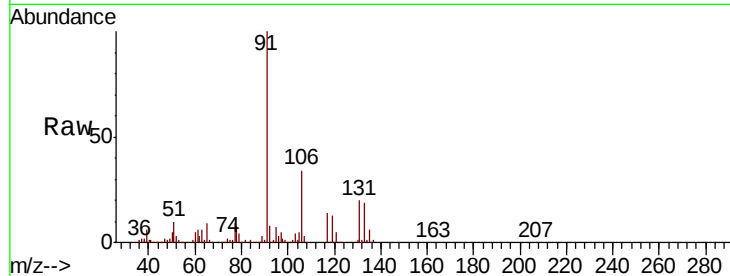
#67
Ethyl Benzene
Concen: 19.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion: 91 Resp: 223443
Ion Ratio Lower Upper
91 100
106 33.6 25.0 37.6

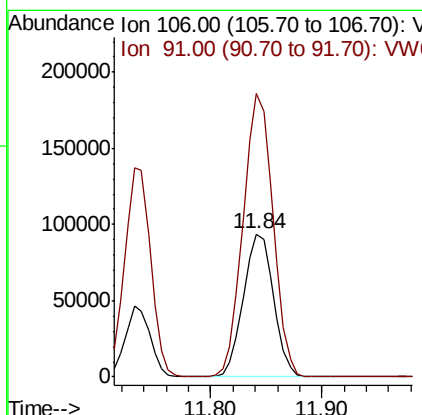
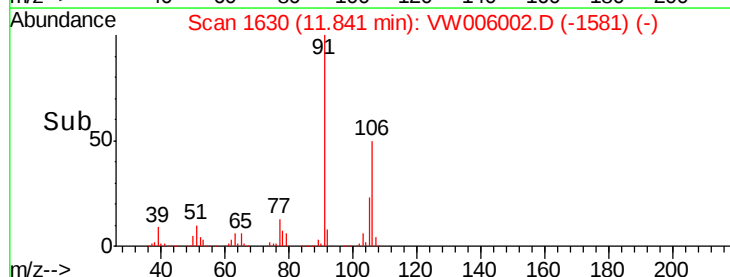
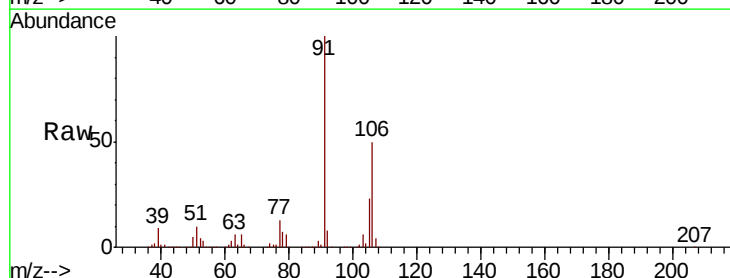
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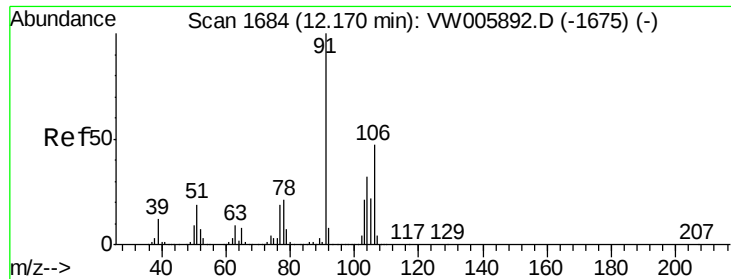
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#68
m/p-Xylenes
Concen: 39.167 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion: 106 Resp: 176765
Ion Ratio Lower Upper
106 100
91 196.6 160.2 240.2





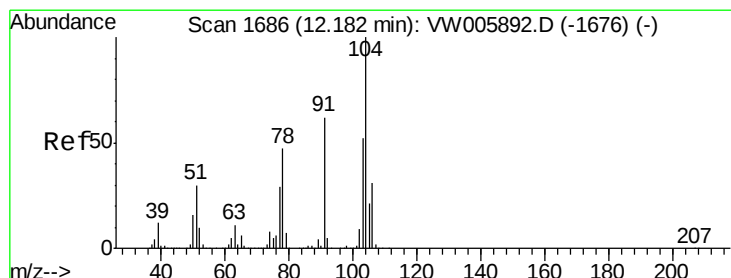
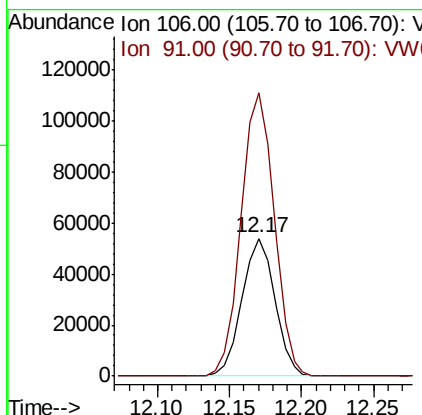
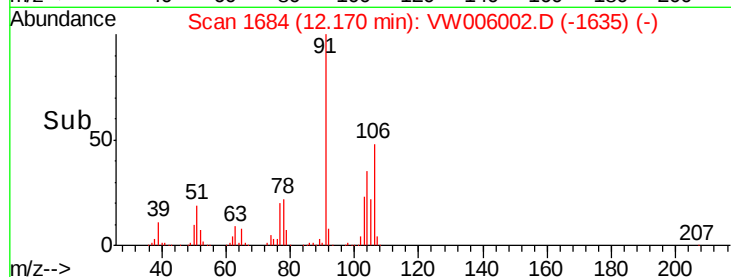
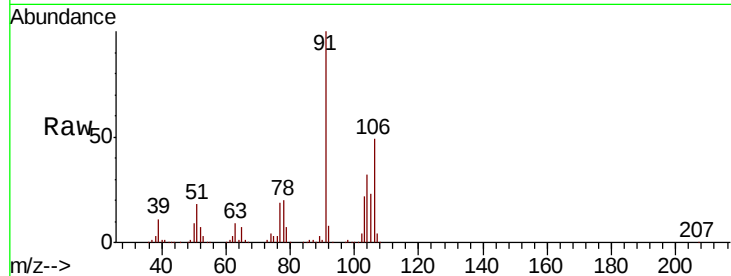
#69
o-Xylene
Concen: 19.836 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion:106 Resp: 85706
Ion Ratio Lower Upper
106 100
91 207.3 106.2 318.5

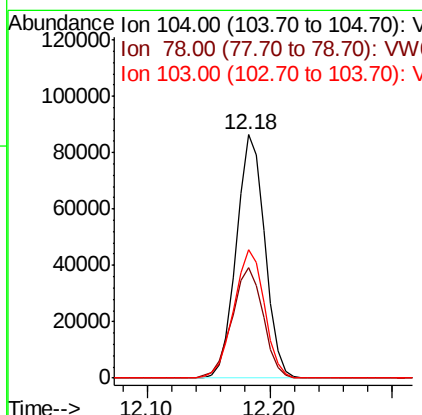
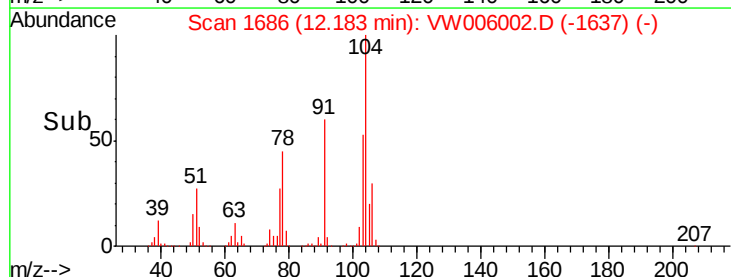
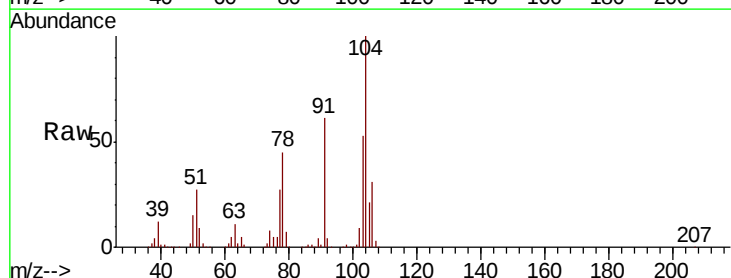
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#70
Styrene
Concen: 19.354 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion:104 Resp: 138745
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 56.8 44.2 66.2





#71

Bromoform

Concen: 17.654 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

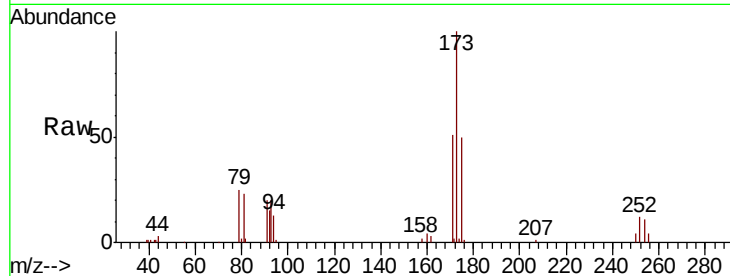
ClientSampleId :

VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.0	0.2	0.2

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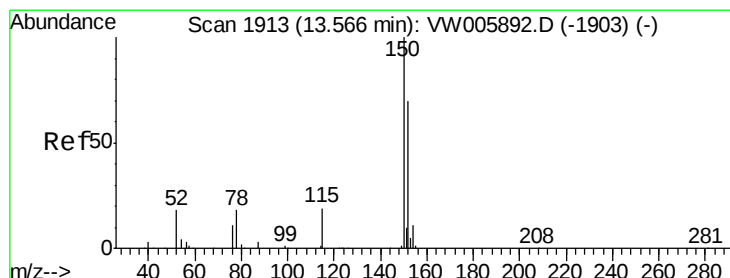
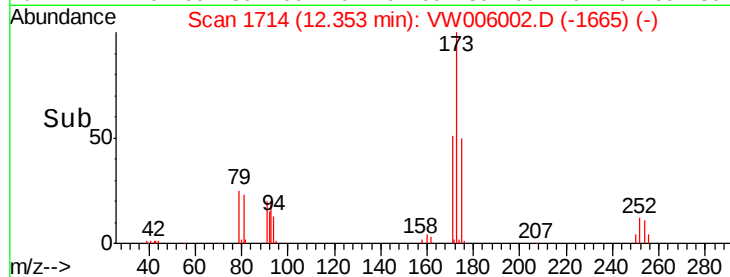
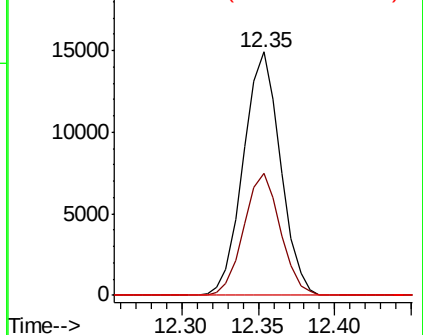


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

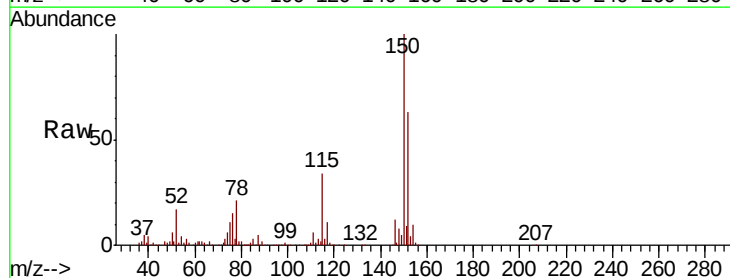
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.3	85.0
150	163.0	0.0	349.2

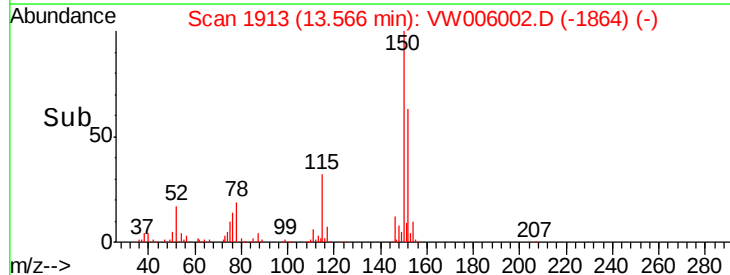
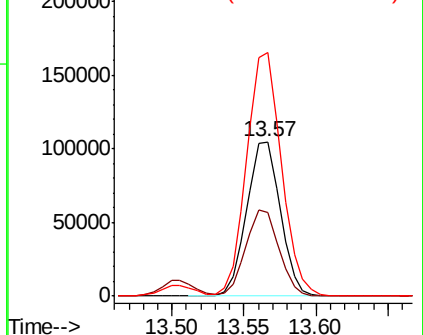


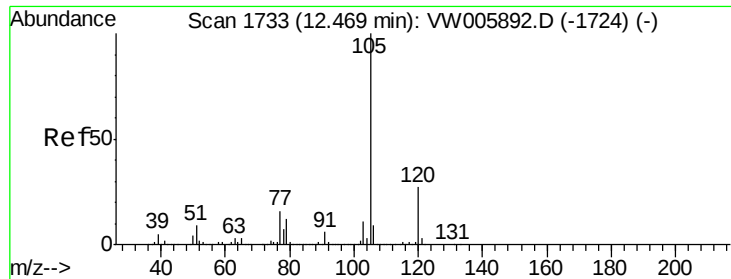
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.941 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleId :

VW1011SBS01

Tot Ion:105 Resp: 233648

Ion Ratio Lower Upper

105 100

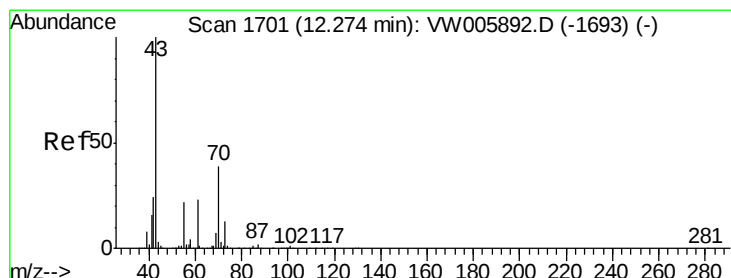
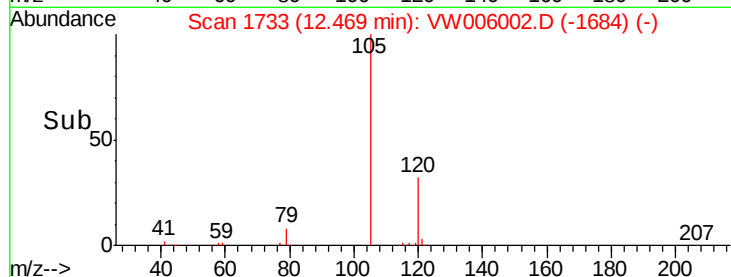
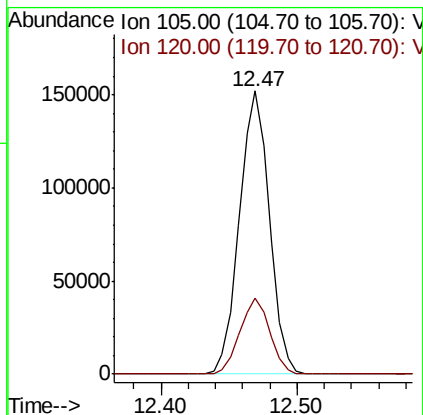
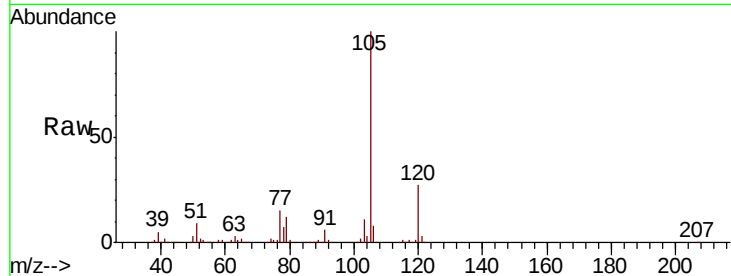
120 26.8 13.6 40.8

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#74

N-ethyl acetate

Concen: 17.451 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion: 43 Resp: 51124

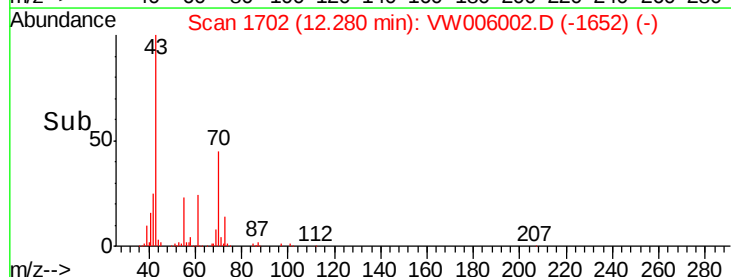
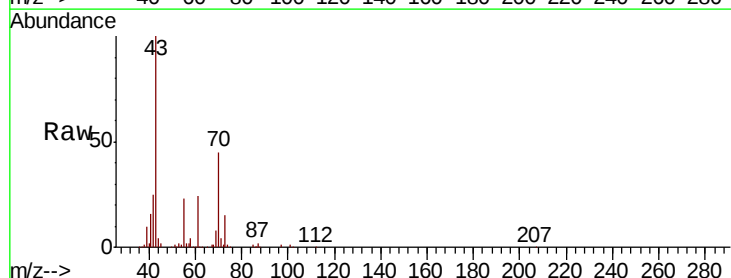
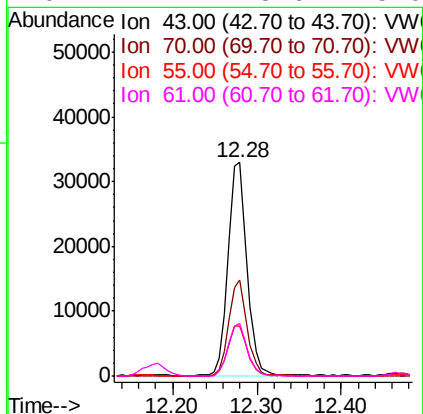
Ion Ratio Lower Upper

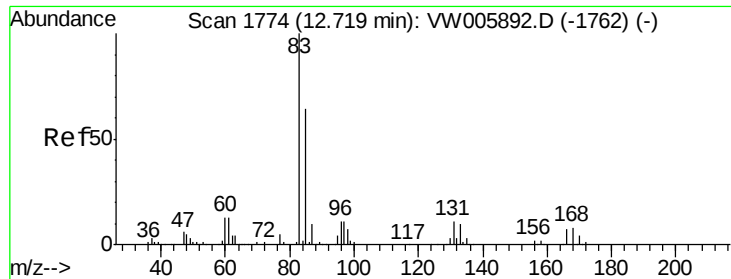
43 100

70 43.8 31.6 47.4

55 24.5 17.9 26.9

61 24.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.202 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

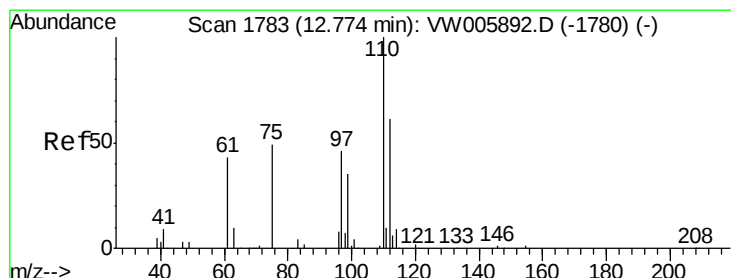
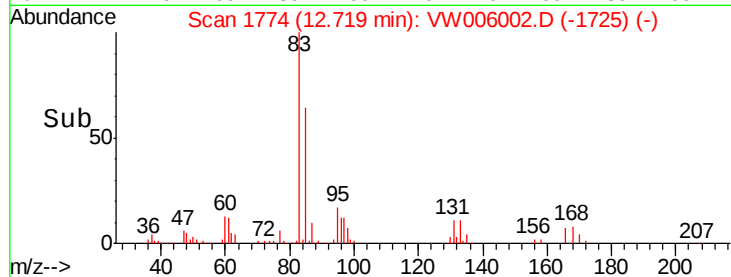
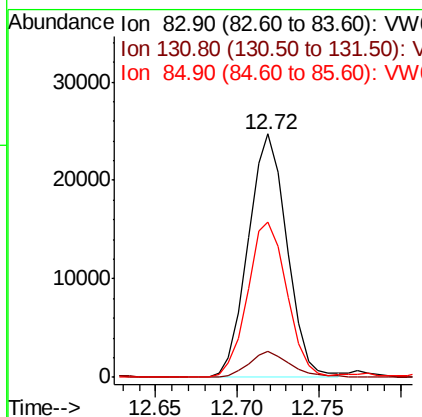
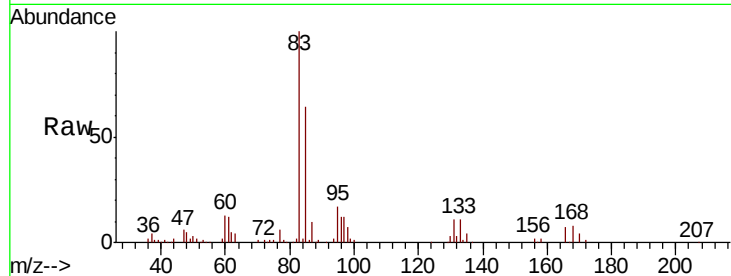
ClientSampleId :

VW1011SBSD01

Tot Ion:	83	Resp:	40846
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.3
85	64.7	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 20.723 ug/l m

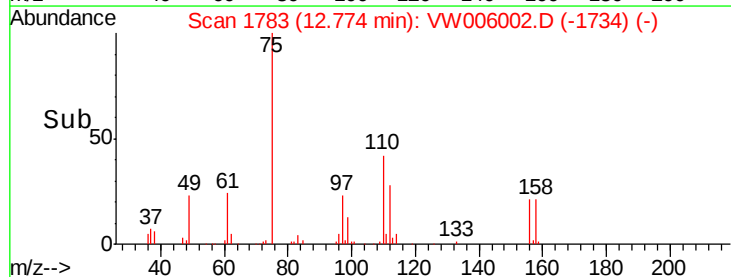
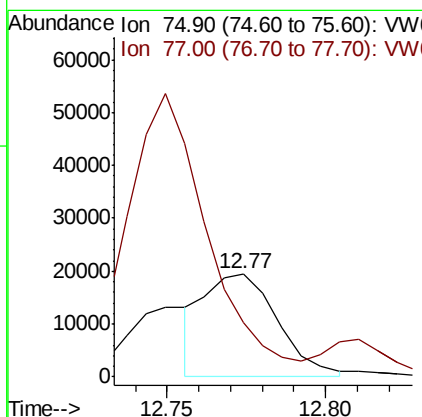
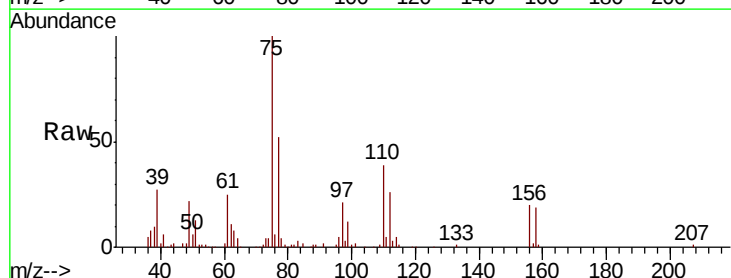
RT: 12.77 min Scan# 1783

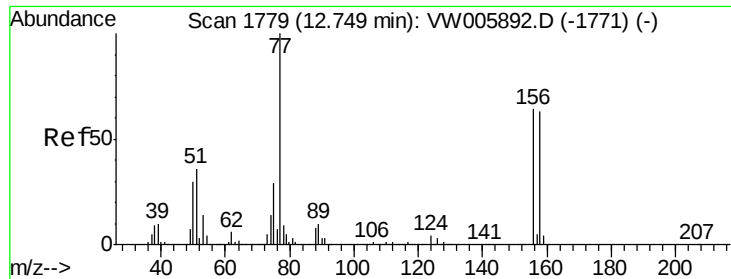
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion:	75	Resp:	31267
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.155 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

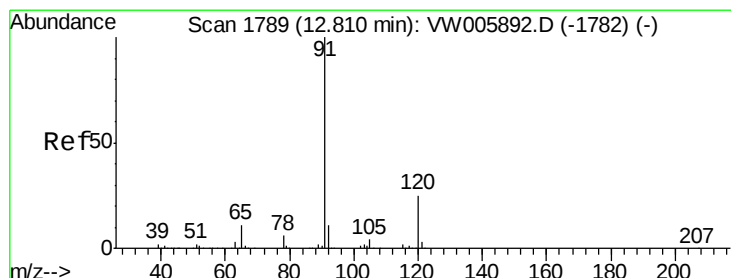
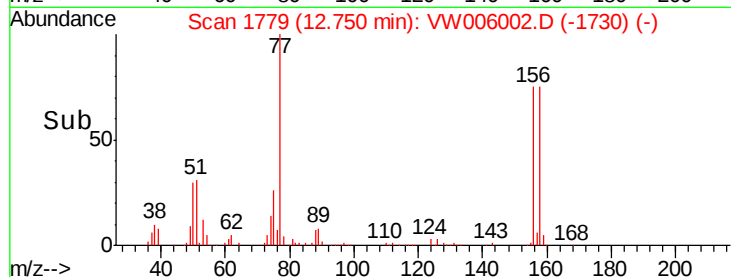
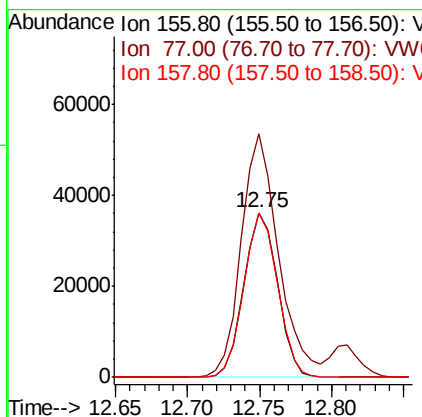
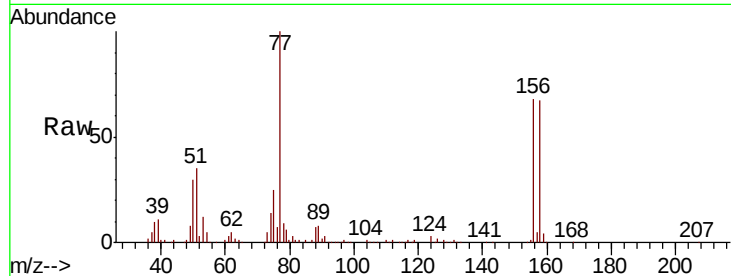
ClientSampleId :

VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.0	85.8	257.4
158	99.5	49.1	147.4

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#78

n-propylbenzene

Concen: 19.004 ug/l

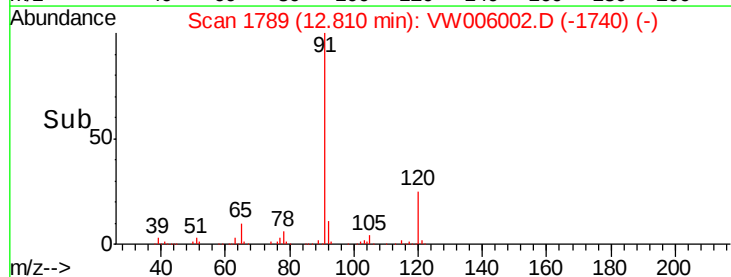
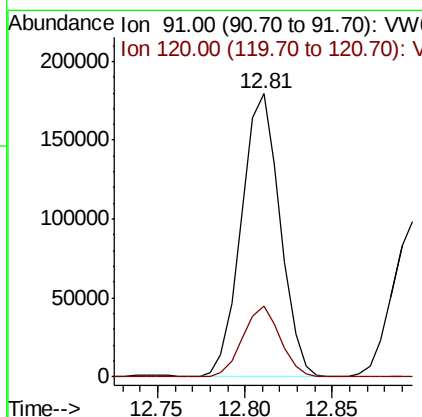
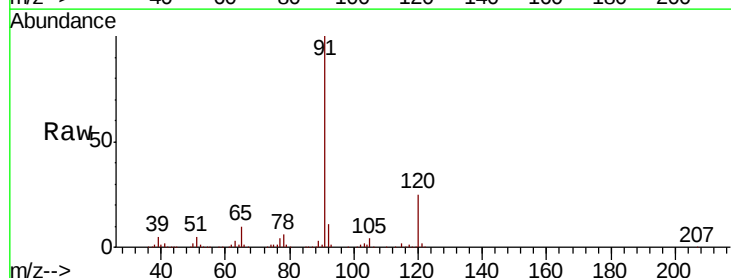
RT: 12.81 min Scan# 1789

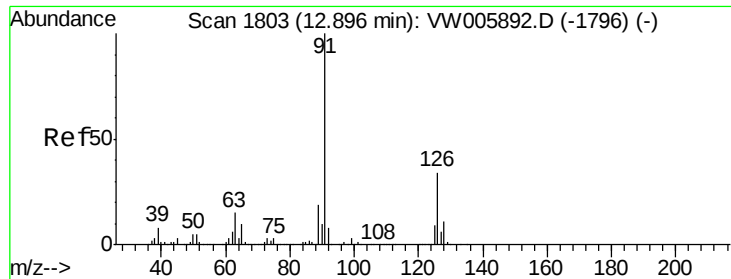
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.0	36.0





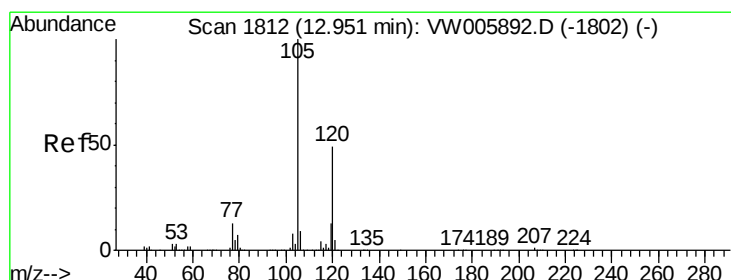
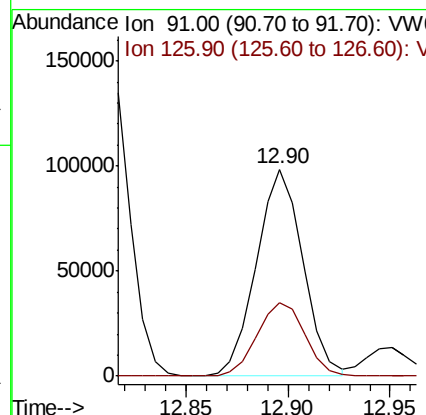
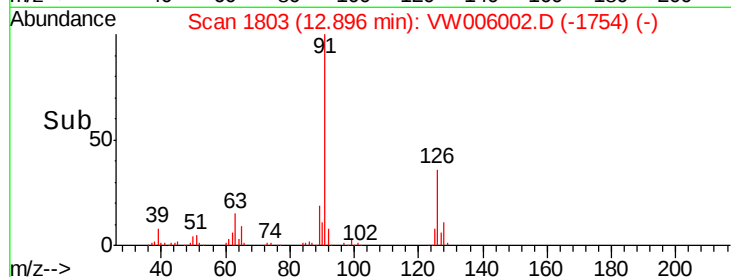
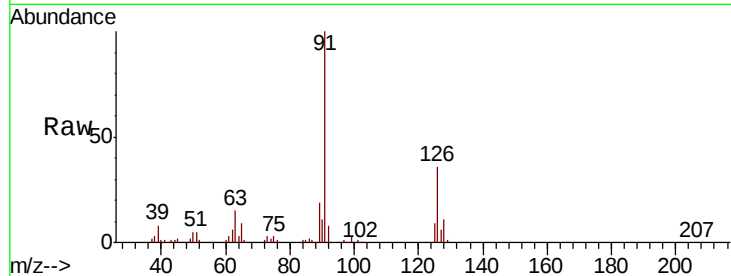
#79
 2-Chlorotoluene
 Concen: 19.083 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.5	52.5

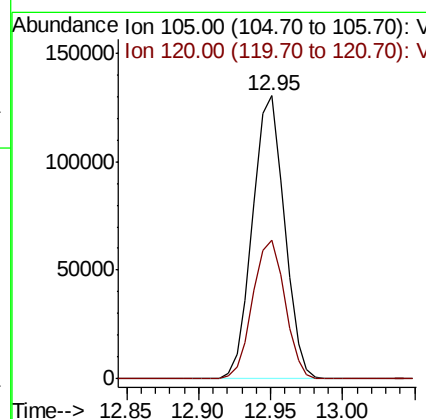
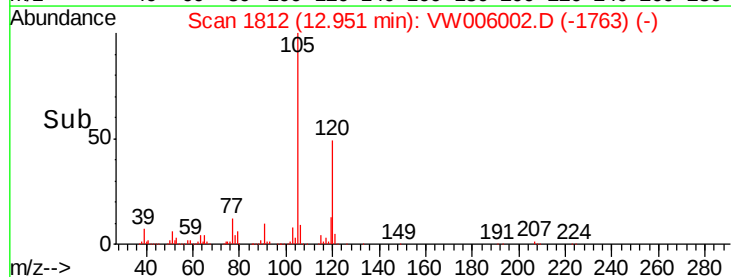
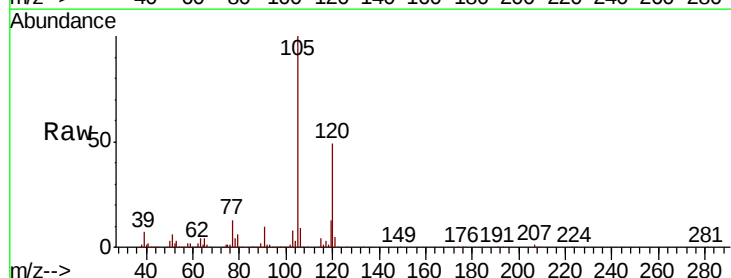
Manual Integrations
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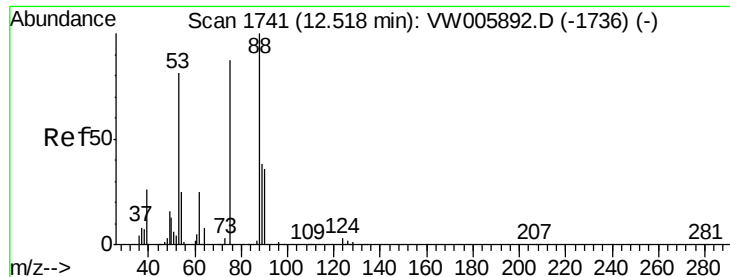
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.083 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.6	73.8





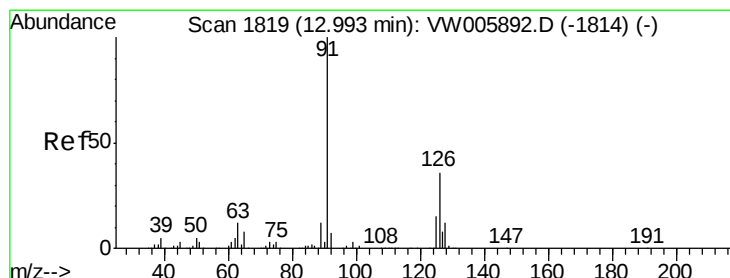
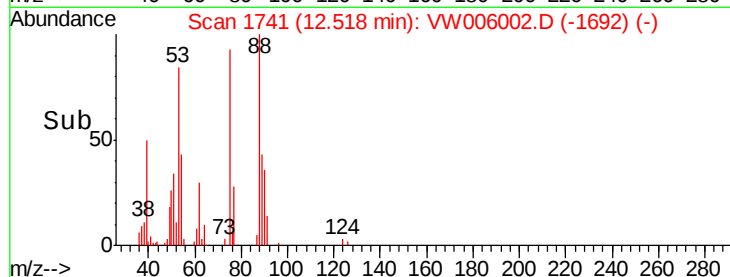
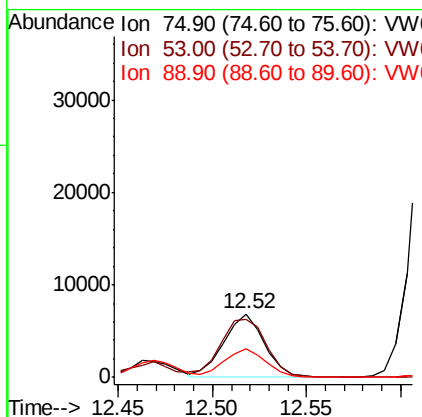
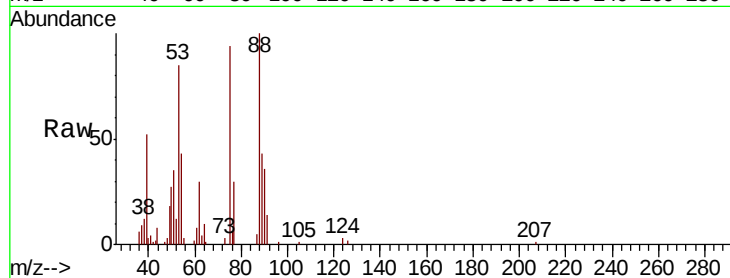
#81
trans-1,4-Dichloro-2-butene
Concen: 14.499 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	76.5	114.7
89	45.4	37.6	56.4

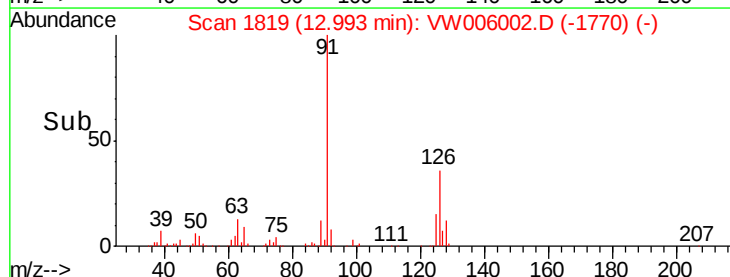
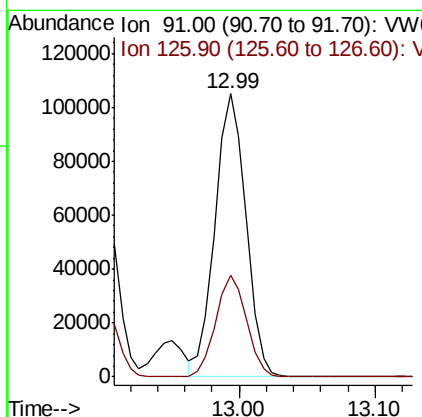
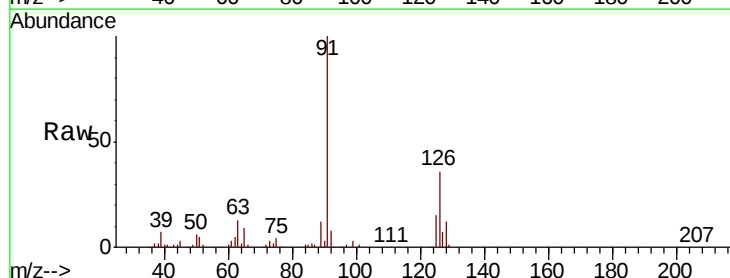
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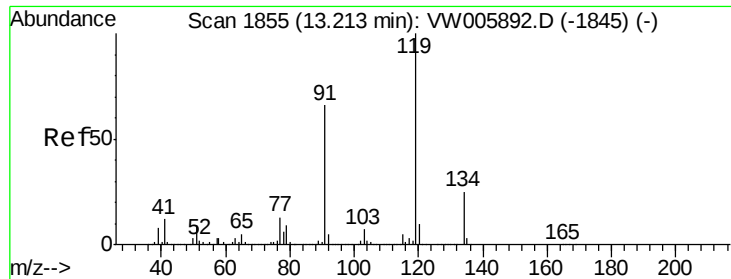
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#82
4-Chlorotoluene
Concen: 19.190 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.4	52.2





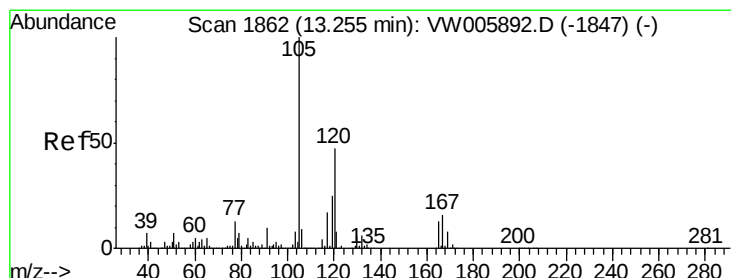
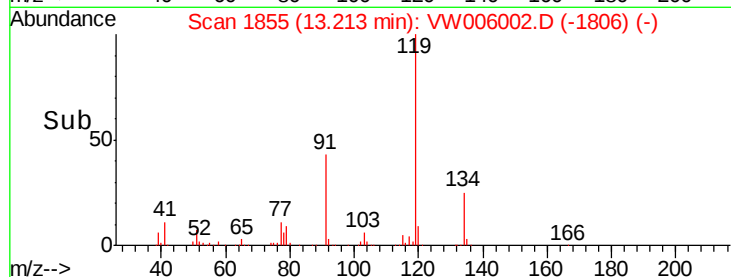
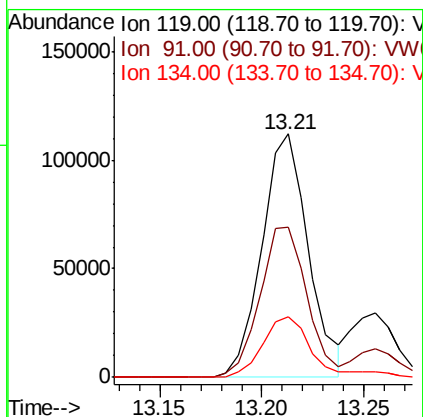
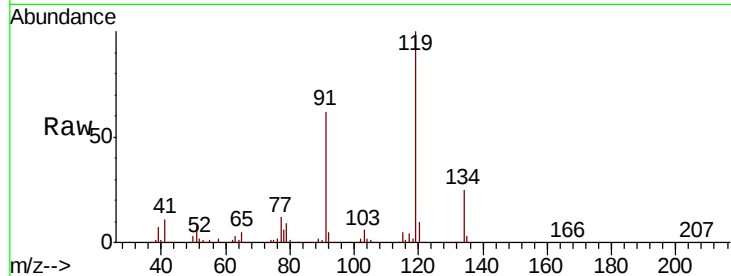
#83
tert-Butylbenzene
Concen: 19.237 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.4	97.0
134	27.0	13.2	39.6

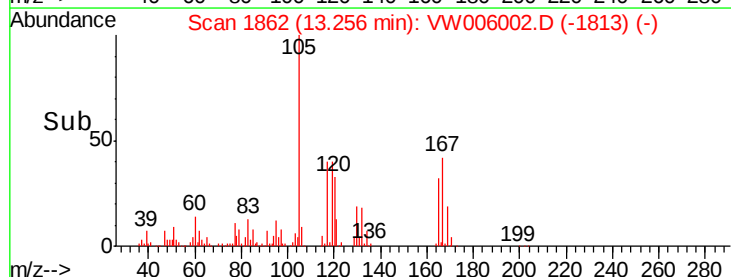
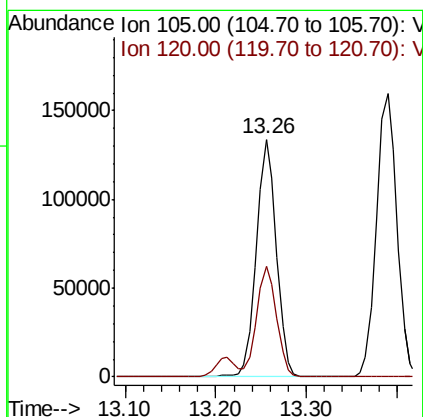
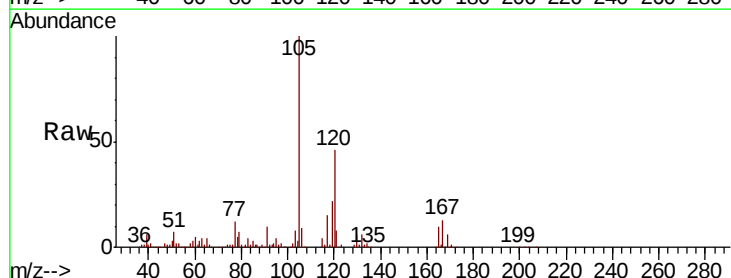
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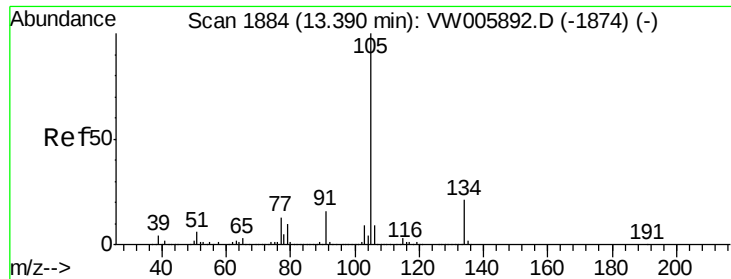
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.394 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.3





#85

sec-Butylbenzene

Concen: 19.190 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Instrument :

MSVOA_W

ClientSampleID :

VW1011SBSD01

Tot Ion:105 Resp: 249503

Ion Ratio Lower Upper

105 100

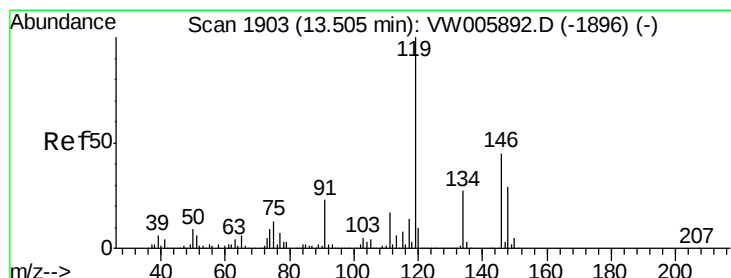
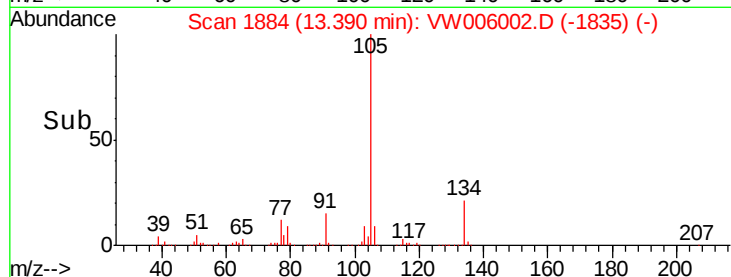
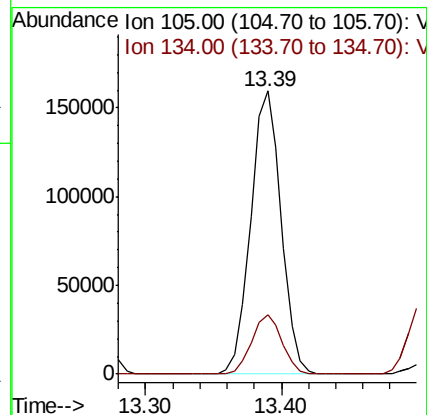
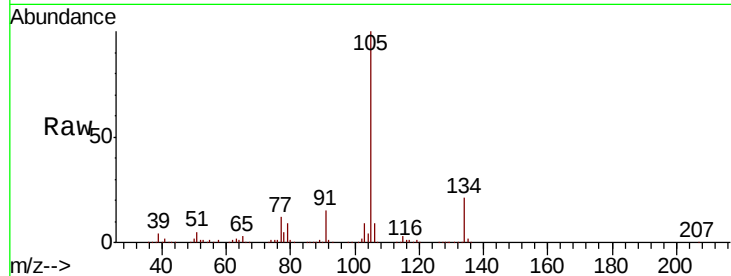
134 20.8 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.364 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

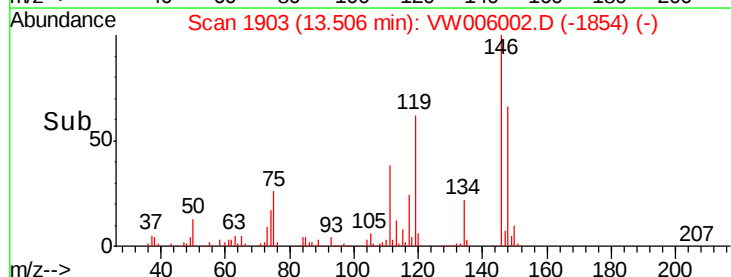
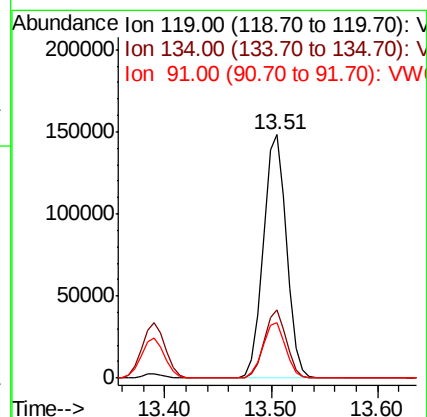
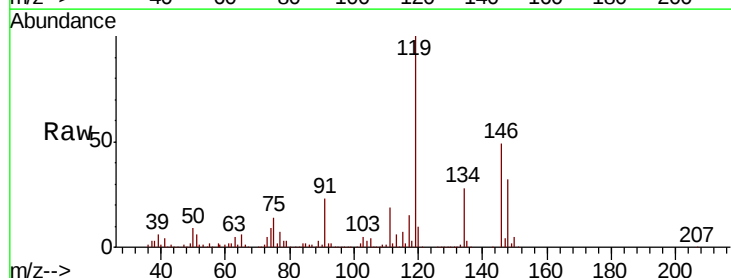
Tgt Ion:119 Resp: 226415

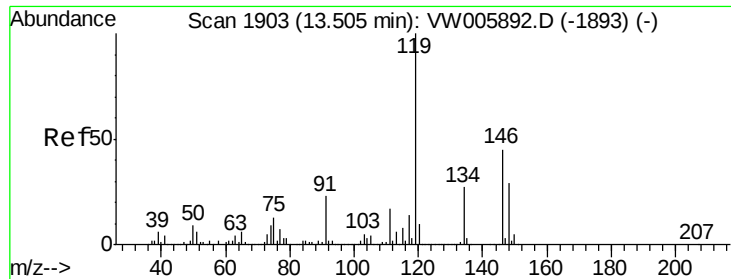
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.221 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

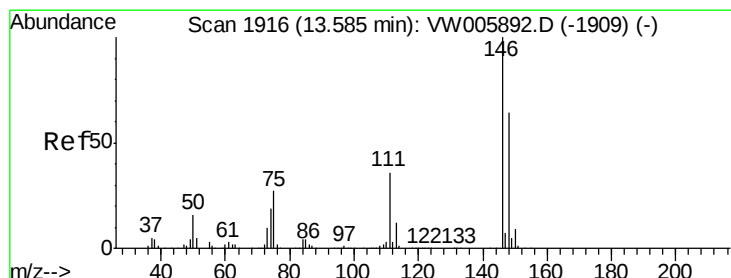
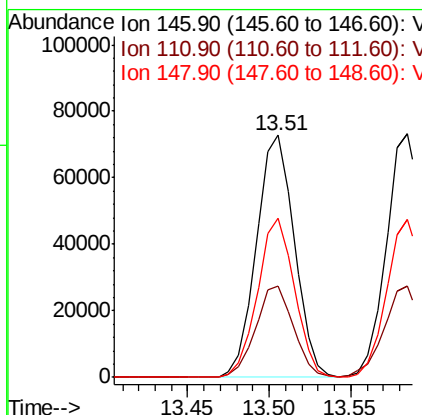
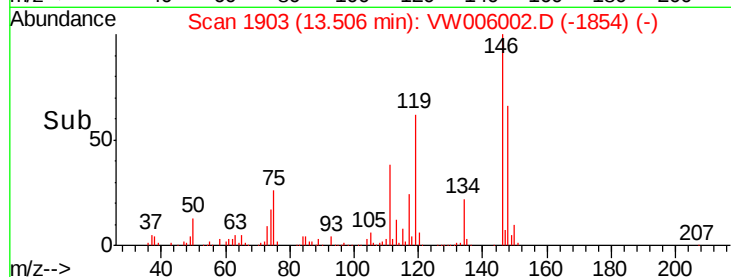
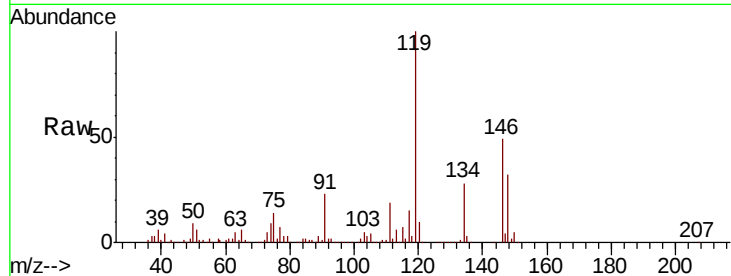
Instrument :
MSVOA_W

ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.5	58.5
148	63.9	32.1	96.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.358 ug/l

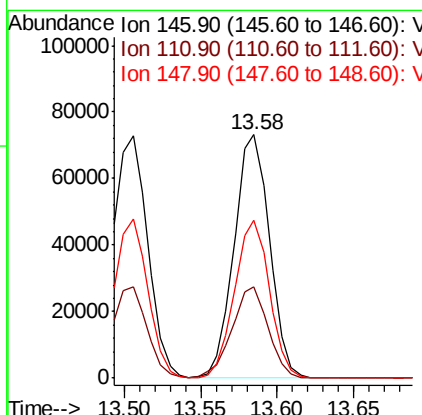
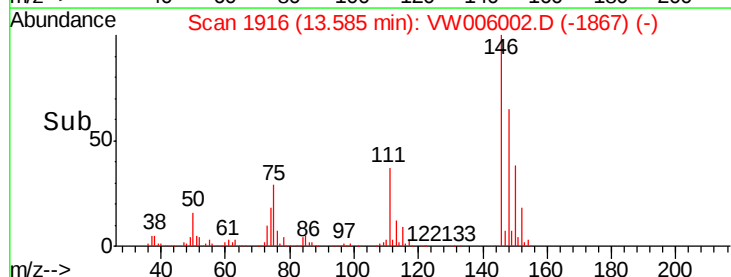
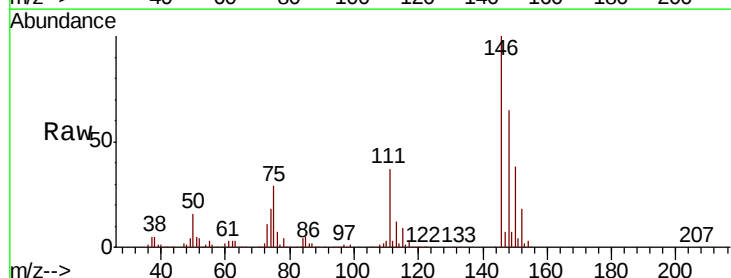
RT: 13.58 min Scan# 1916

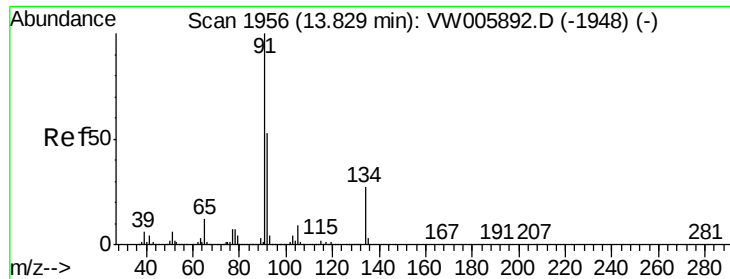
Delta R.T. 0.00 min

Lab File: VW006002.D

Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.0	32.0	96.2





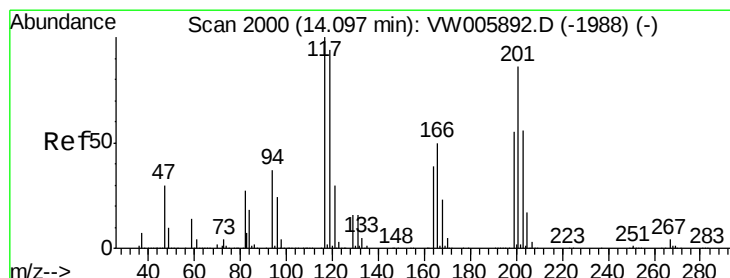
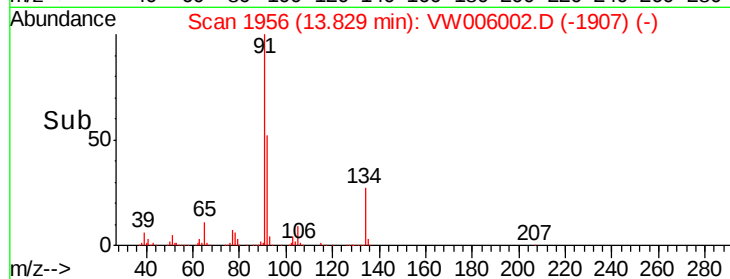
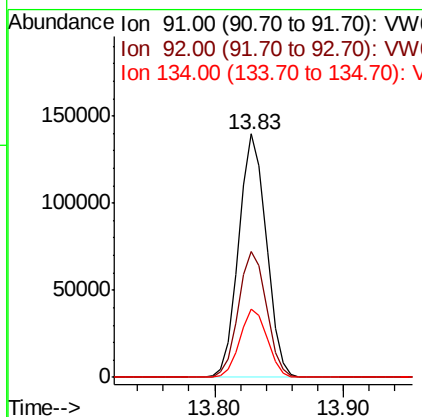
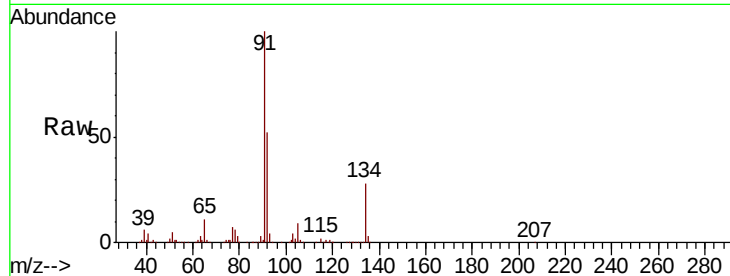
#89
n-Butylbenzene
Concen: 18.827 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.8
134	27.9	13.8	41.4

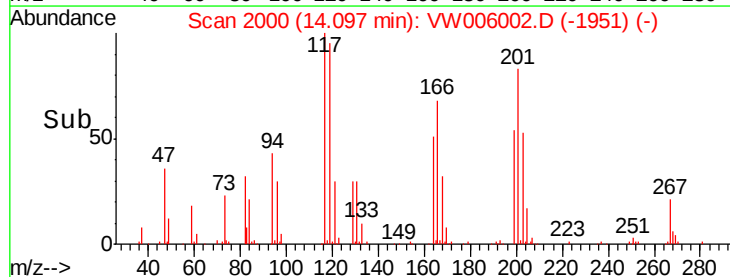
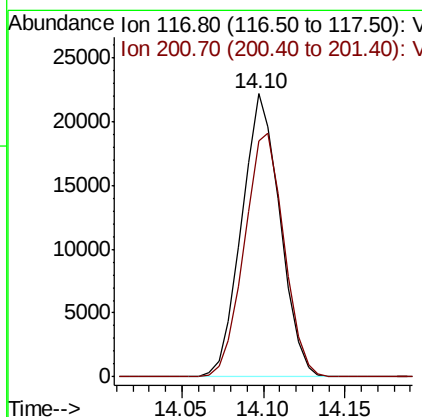
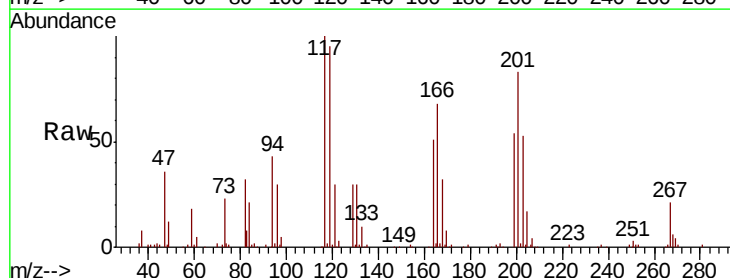
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#90
Hexachloroethane
Concen: 16.516 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.5	44.5	133.5





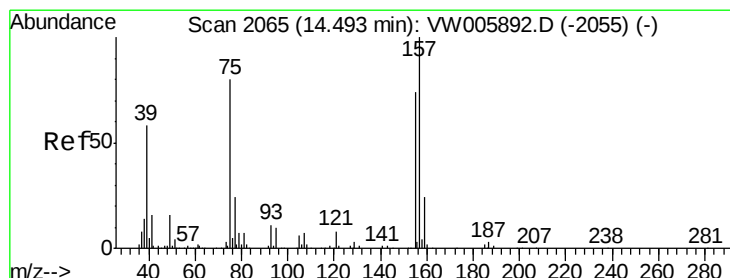
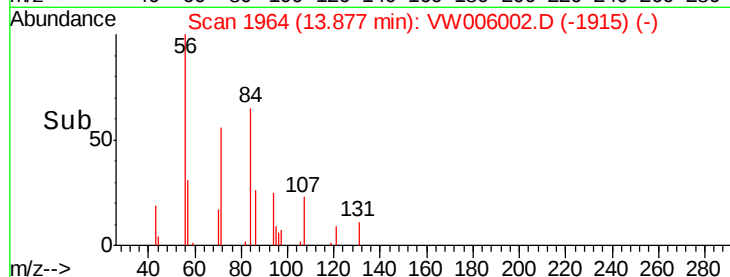
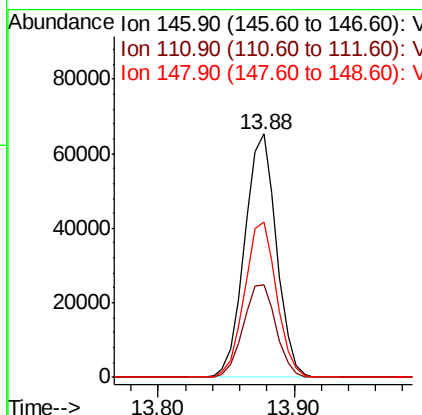
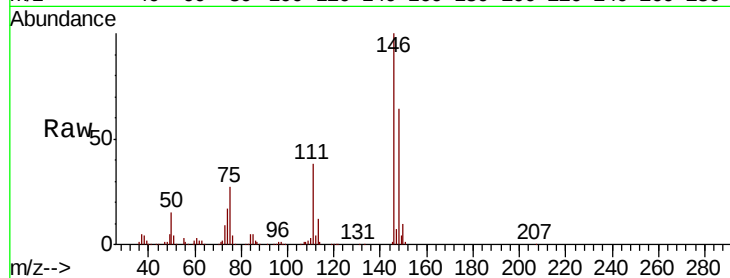
#91
 1,2-Dichlorobenzene
 Concen: 20.725 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	61.0
148	64.2	32.5	97.4

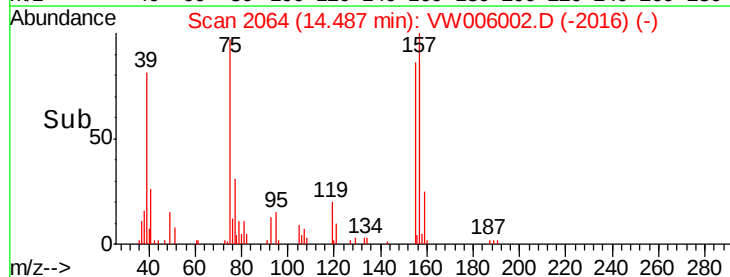
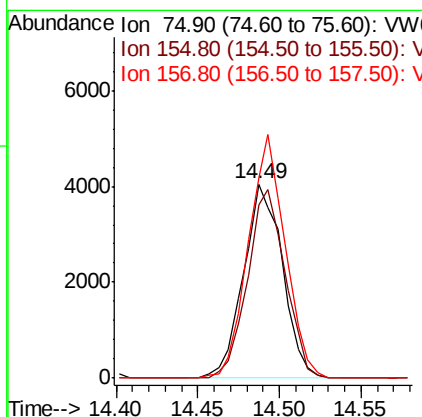
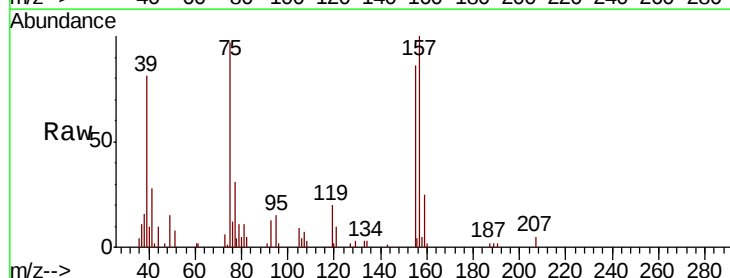
Manual Integrations
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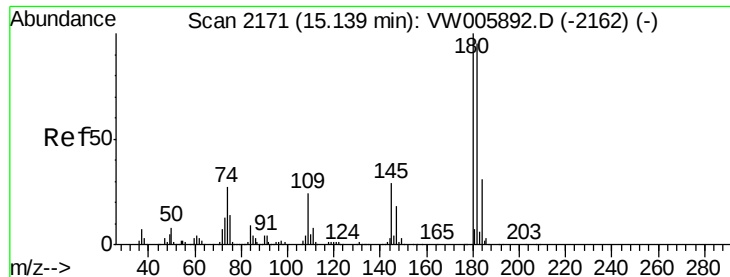
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.883 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	44.8	134.3
157	118.1	58.9	176.6





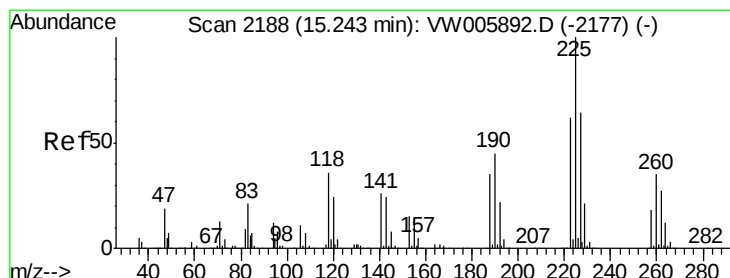
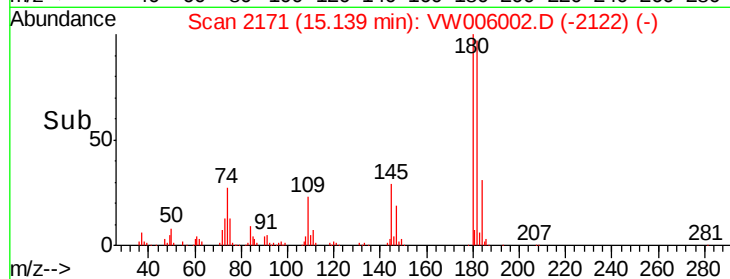
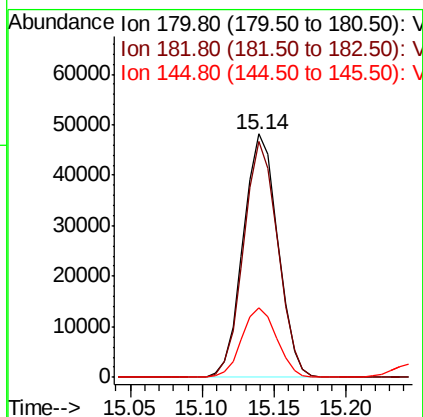
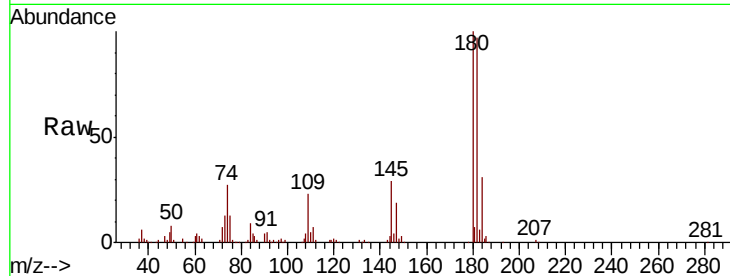
#93
 1,2,4-Trichlorobenzene
 Concen: 20.076 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	28.9	14.5	43.6

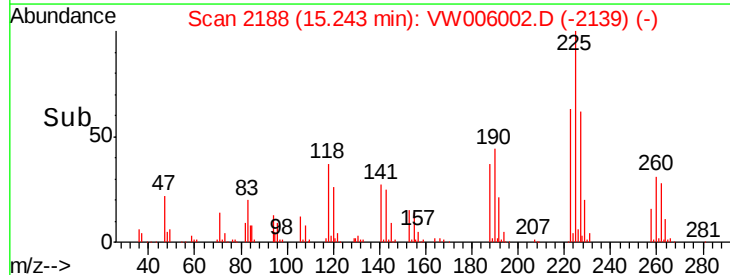
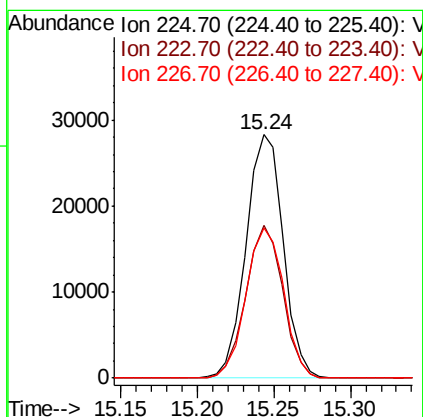
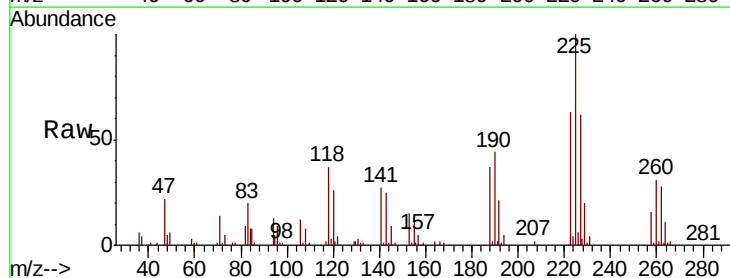
Manual Integrations
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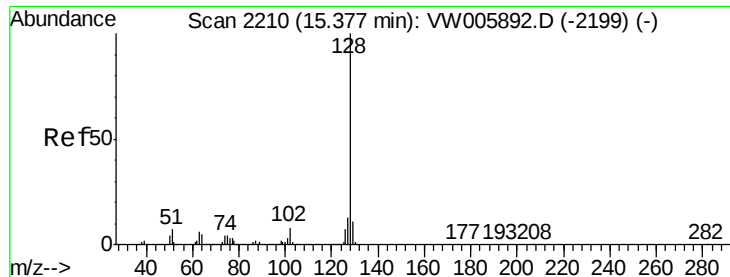
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#94
 Hexachlorobutadiene
 Concen: 19.172 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006002.D
 Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.2	93.6
227	62.7	31.9	95.9





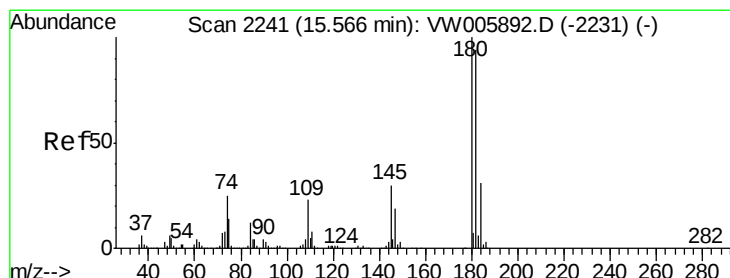
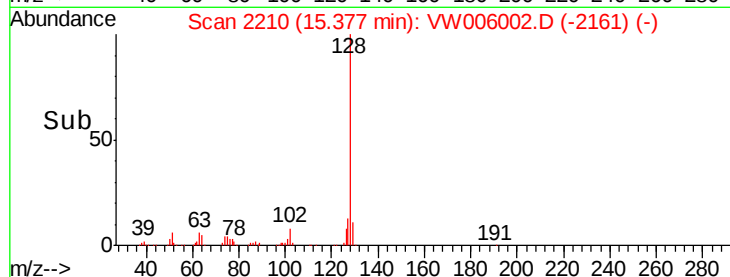
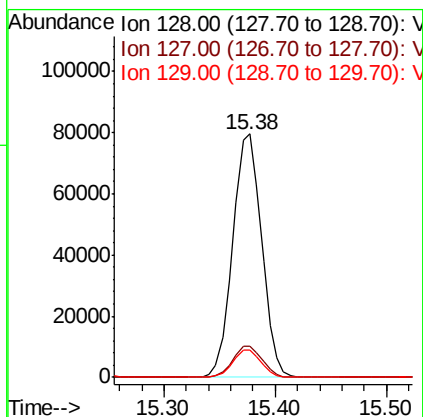
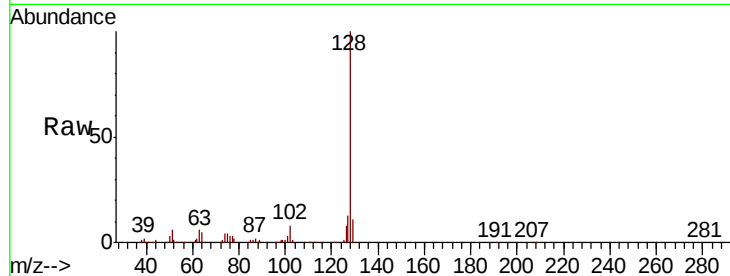
#95
Naphthalene
Concen: 20.763 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Instrument :
MSVOA_W
ClientSampleId :
VW1011SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

apatel
10/11/2018 2:21:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.725 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006002.D
Acq: 10 Oct 2018 22:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	31.3	15.3	45.9

