

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006333.D
 Acq On : 24 Oct 2018 23:45
 Operator : SY/AP
 Sample : VW1024SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Manual Integrations
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Quant Time: Oct 25 07:07:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	95297	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	7.88	113	97969	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.33	98	365783	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.62	95	139255	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19878m	17.410	ug/l	
3) Chloromethane	2.21	50	28195	19.184	ug/l	97
4) Vinyl Chloride	2.37	62	41142	19.601	ug/l	98
5) Bromomethane	2.79	94	39402	20.639	ug/l	100
6) Chloroethane	2.93	64	33105	22.009	ug/l	95
7) Trichlorofluoromethane	3.26	101	38369	19.623	ug/l	100
8) Diethyl Ether	3.68	74	21308	20.505	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42955	20.963	ug/l	97
10) Methyl Iodide	4.26	142	71509	20.967	ug/l	99
11) Tert butyl alcohol	5.23	59	13143	102.161	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	40864	21.197	ug/l	88
13) Acrolein	3.90	56	11784	94.661	ug/l	96
14) Allyl chloride	4.67	41	55560	20.156	ug/l	99
15) Acrylonitrile	5.38	53	41967	112.595	ug/l	99
16) Acetone	4.14	43	39825	102.223	ug/l	100
17) Carbon Disulfide	4.38	76	103938	17.864	ug/l	99
18) Methyl Acetate	4.68	43	22436	23.307	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	64151	21.848	ug/l	100
20) Methylene Chloride	4.91	84	48022	22.842	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	46682	21.694	ug/l	98
22) Diisopropyl ether	6.31	45	120328	22.090	ug/l	97
23) Vinyl Acetate	6.26	43	337986	105.137	ug/l	98
24) 1,1-Dichloroethane	6.22	63	80192	22.815	ug/l	97
25) 2-Butanone	7.18	43	56253	108.856	ug/l	98
26) 2,2-Dichloropropane	7.17	77	47272	19.069	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54984	23.155	ug/l	97
28) Bromochloromethane	7.51	49	26306	19.386	ug/l	98
29) Tetrahydrofuran	7.54	42	34586	108.883	ug/l	97
30) Chloroform	7.68	83	87361	22.813	ug/l	98
31) Cyclohexane	7.95	56	69232	19.779	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	73639	21.317	ug/l	99
36) 1,1-Dichloropropene	8.09	75	67281	21.636	ug/l	100
37) Ethyl Acetate	7.26	43	24270	21.007	ug/l	98
38) Carbon Tetrachloride	8.07	117	69107	20.273	ug/l	98

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Quant Time: Oct 25 07:07:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84393	20.417	ug/l	97
40) Benzene	8.32	78	191012	22.393	ug/l	98
41) Methacrylonitrile	7.49	41	13634	19.576	ug/l	87
42) 1,2-Dichloroethane	8.40	62	56585	22.579	ug/l	99
43) Isopropyl Acetate	8.43	43	48853	20.681	ug/l	100
44) Trichloroethene	9.10	130	58835	22.482	ug/l	95
45) 1,2-Dichloropropane	9.37	63	44987	22.040	ug/l	96
46) Dibromomethane	9.46	93	25782	22.162	ug/l	99
47) Bromodichloromethane	9.65	83	59124	20.962	ug/l	100
48) Methyl methacrylate	9.44	41	23337	20.841	ug/l	95
49) 1,4-Dioxane	9.48	88	7587	423.631	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	127745	107.931	ug/l	99
52) Toluene	10.39	92	126944	22.198	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56421	20.078	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	65686	20.367	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	37165	22.829	ug/l	97
56) Ethyl methacrylate	10.65	69	42848	21.469	ug/l	99
57) 1,3-Dichloropropane	10.93	76	60715	22.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	83814	109.904	ug/l	99
59) 2-Hexanone	10.98	43	85801	101.554	ug/l	97
60) Dibromochloromethane	11.13	129	41904	20.665	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35884	22.060	ug/l	100
64) Tetrachloroethene	10.87	164	54214	22.679	ug/l	96
65) Chlorobenzene	11.66	112	148414	22.514	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50155	21.409	ug/l	99
67) Ethyl Benzene	11.73	91	251477	22.013	ug/l	99
68) m/p-Xylenes	11.84	106	198440	43.947	ug/l	100
69) o-Xylene	12.17	106	94652	21.995	ug/l	99
70) Styrene	12.18	104	154538	22.084	ug/l	99
71) Bromoform	12.35	173	25428	19.460	ug/l #	100
73) Isopropylbenzene	12.47	105	263842	21.835	ug/l	100
74) N-amyl acetate	12.28	43	47617	20.289	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	42561	23.158	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26240m	20.085	ug/l	
77) Bromobenzene	12.75	156	66377	22.427	ug/l	99
78) n-propylbenzene	12.81	91	309844	22.040	ug/l	100
79) 2-Chlorotoluene	12.90	91	174865	22.138	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	222590	21.851	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9852	18.027	ug/l	92
82) 4-Chlorotoluene	12.99	91	185189	22.382	ug/l	100
83) tert-Butylbenzene	13.21	119	200589	22.009	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	228545	22.172	ug/l	100
85) sec-Butylbenzene	13.39	105	282414	21.934	ug/l	100
86) p-Isopropyltoluene	13.51	119	253401	21.758	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134034	22.755	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133096	22.695	ug/l	99
89) n-Butylbenzene	13.83	91	232779	21.856	ug/l	99
90) Hexachloroethane	14.10	117	39050	19.796	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	118837	22.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6634	20.161	ug/l	98

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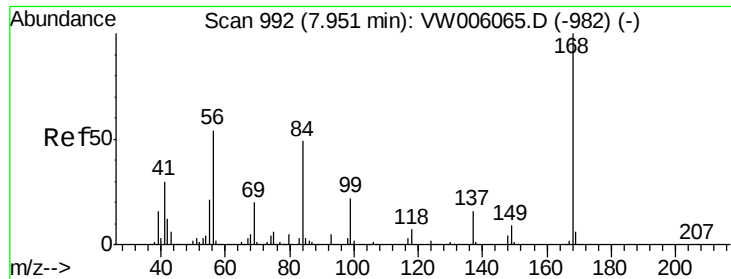
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	99687	24.659	ug/l	99
94) Hexachlorobutadiene	15.24	225	55847	21.991	ug/l	98
95) Naphthalene	15.38	128	147009	21.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	79947	22.864	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: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion:168 Resp: 230731

Ion Ratio Lower Upper

168 100

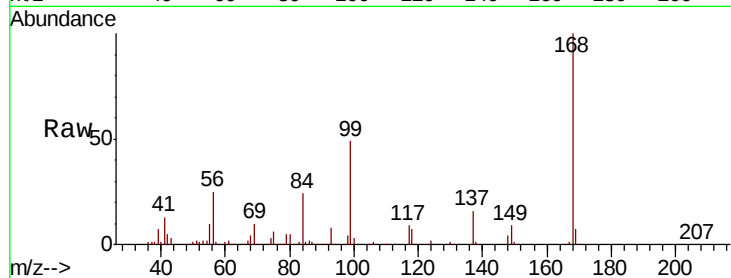
99 48.8 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

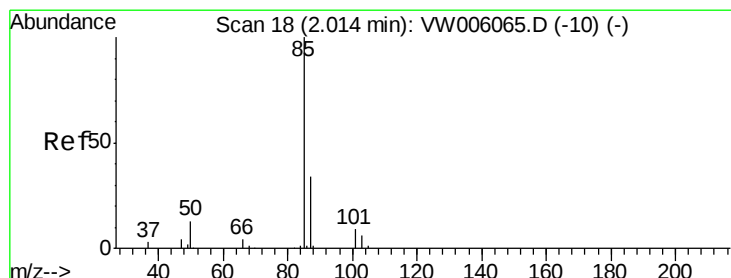
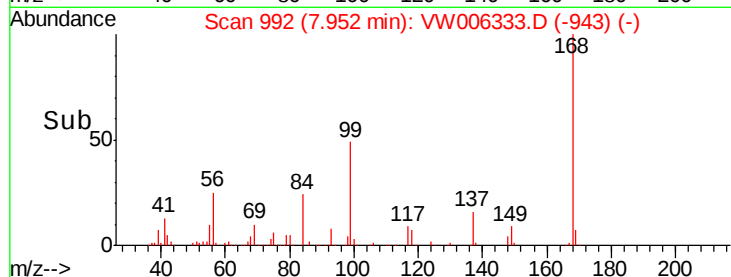
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.410 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006333.D

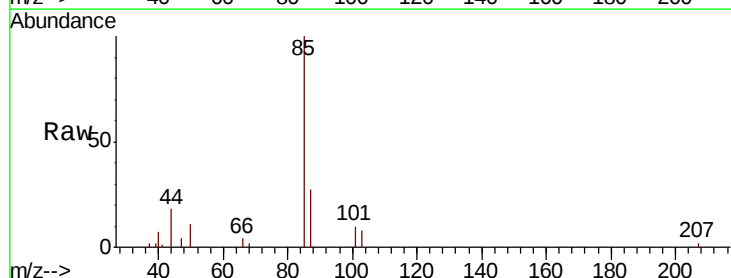
Acq: 24 Oct 2018 23:45

Tgt Ion: 85 Resp: 19878

Ion Ratio Lower Upper

85 100

87 26.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

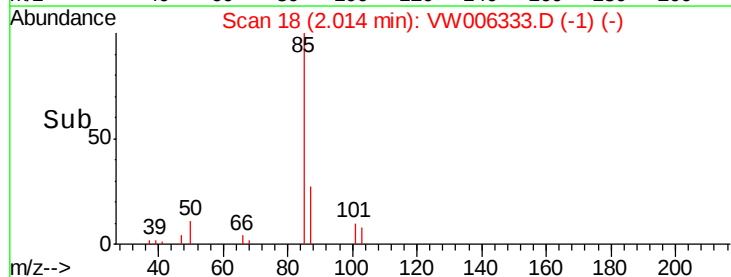
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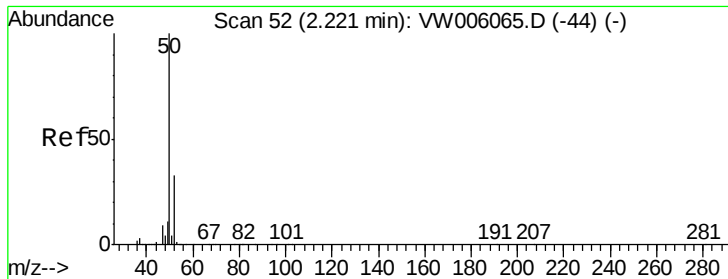
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 19.184 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 50 Resp: 28195

Ion Ratio Lower Upper

50 100

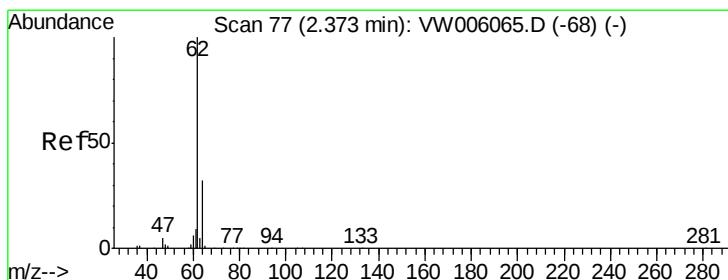
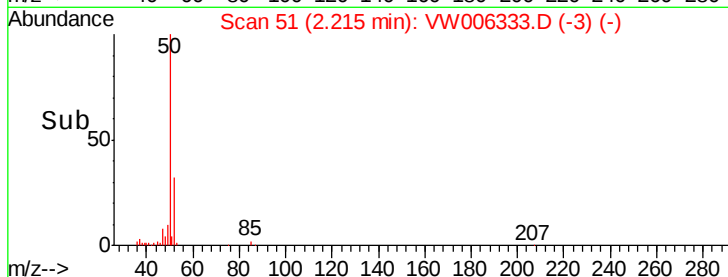
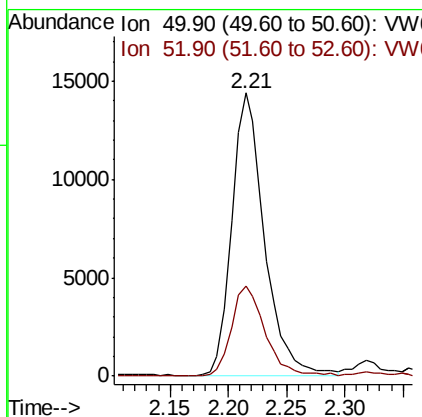
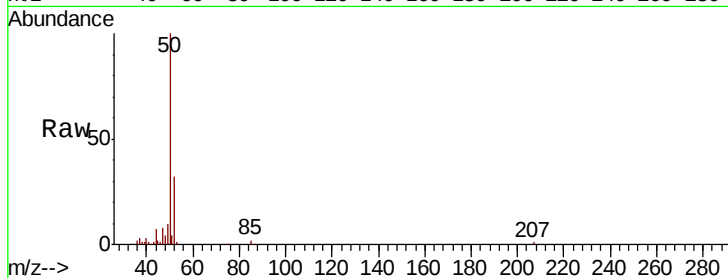
52 31.8 26.8 40.2

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#4

Vinyl Chloride

Concen: 19.601 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006333.D

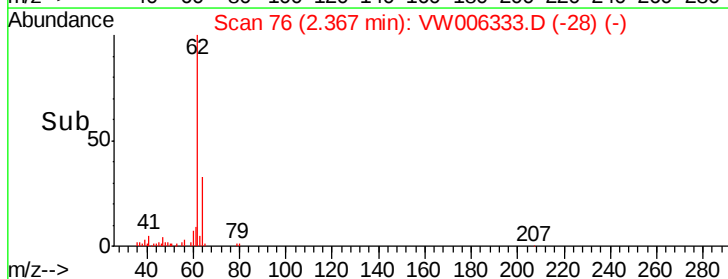
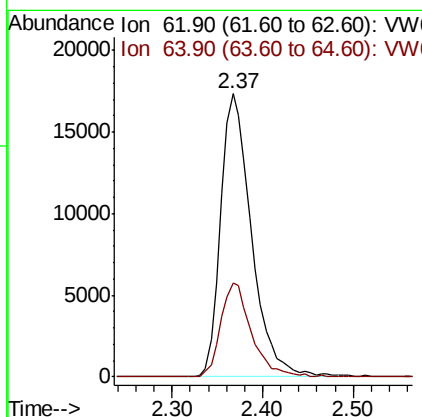
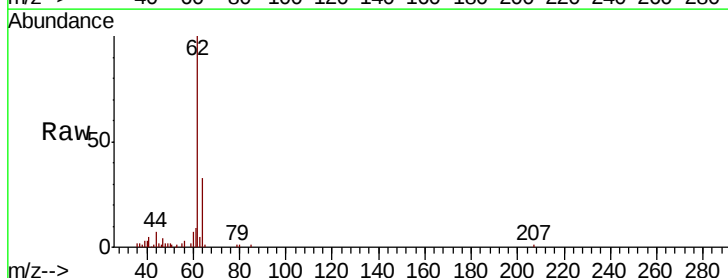
Acq: 24 Oct 2018 23:45

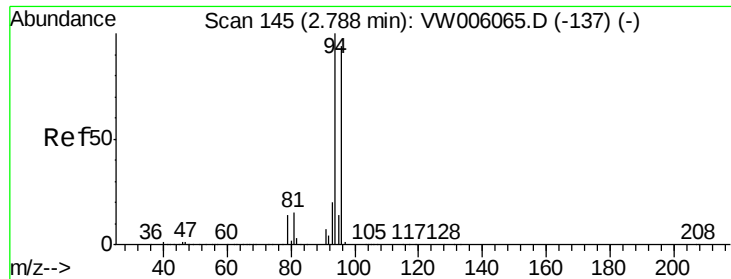
Tgt Ion: 62 Resp: 41142

Ion Ratio Lower Upper

62 100

64 33.4 25.9 38.9





#5

Bromomethane

Concen: 20.639 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 94 Resp: 39402

Ion Ratio Lower Upper

94 100

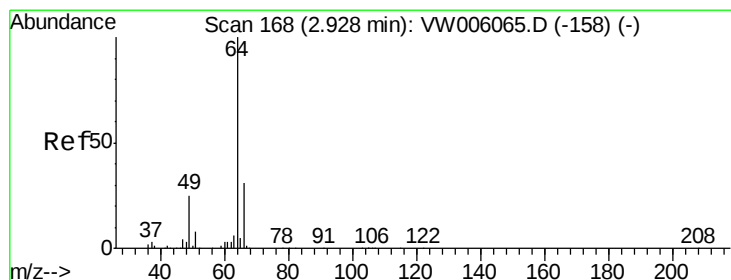
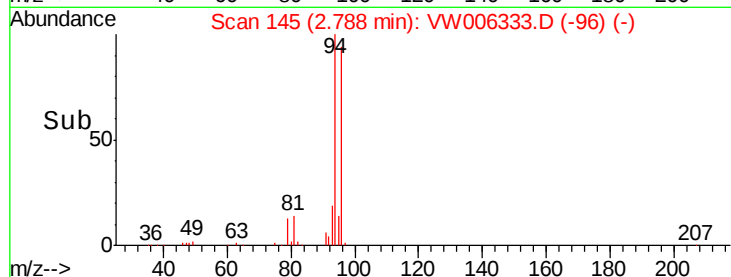
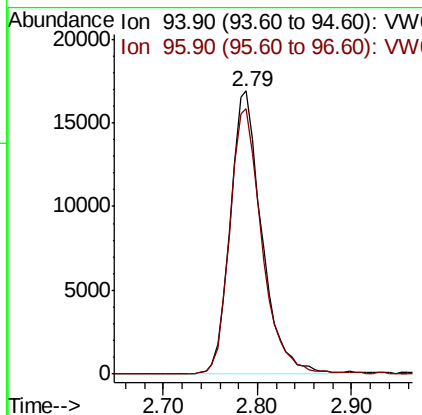
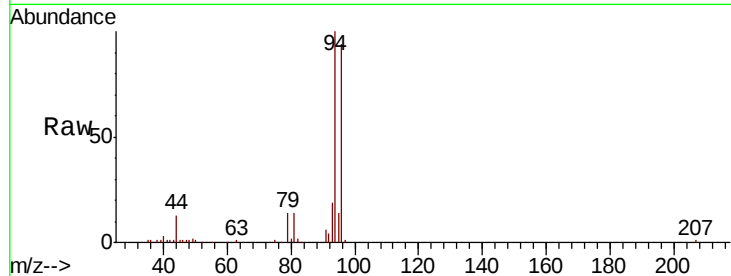
96 93.7 74.9 112.3

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#6

Chloroethane

Concen: 22.009 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006333.D

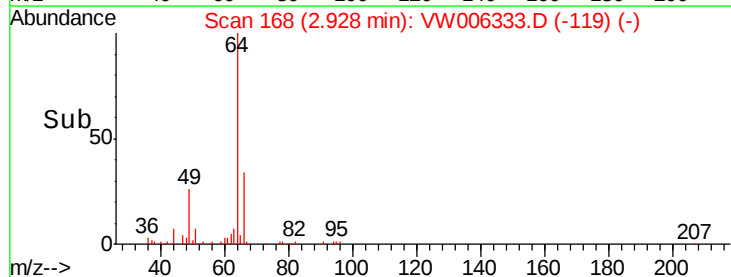
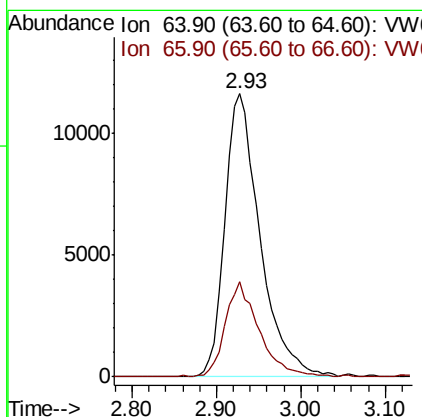
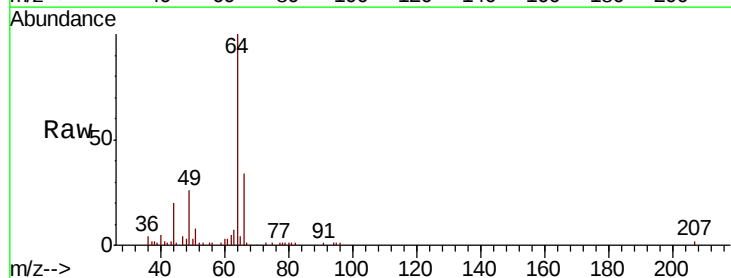
Acq: 24 Oct 2018 23:45

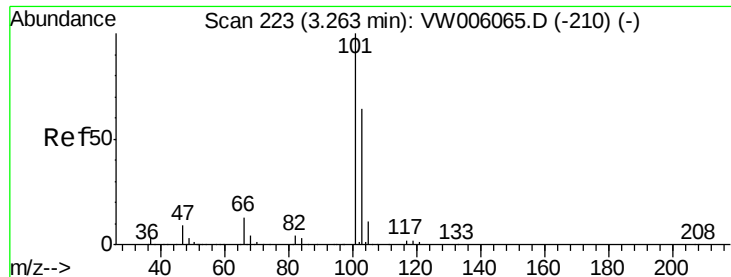
Tgt Ion: 64 Resp: 33105

Ion Ratio Lower Upper

64 100

66 33.8 24.9 37.3





#7

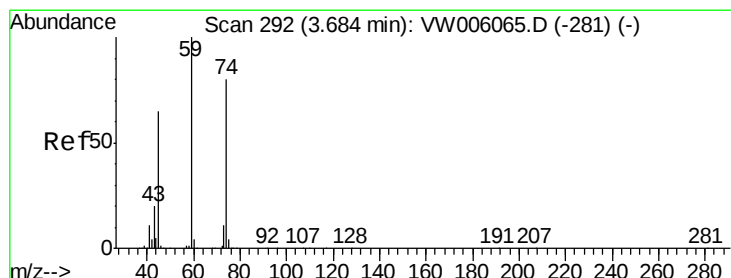
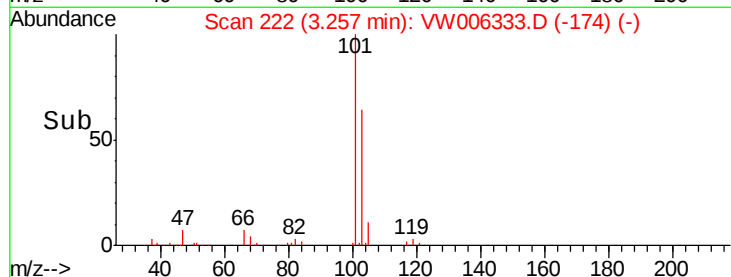
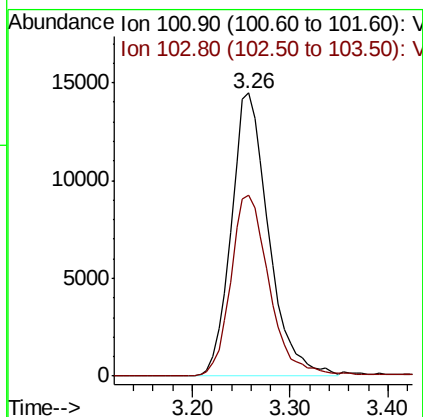
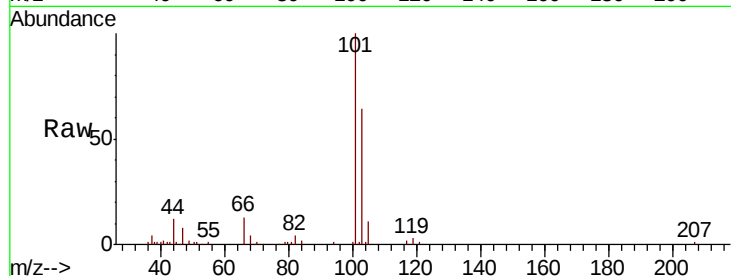
Trichlorofluoromethane
Concen: 19.623 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

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VW1024SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.2	76.8

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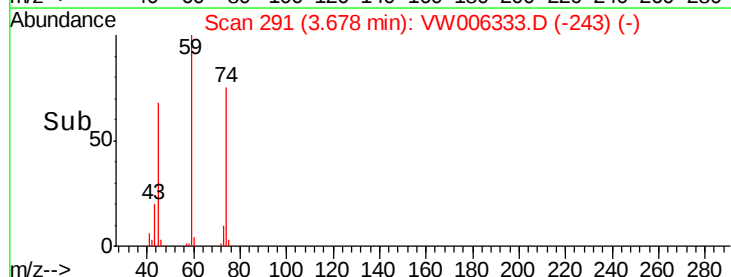
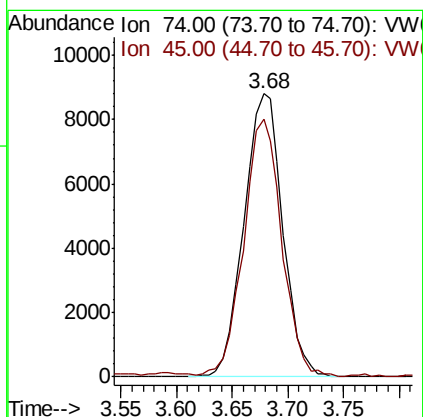
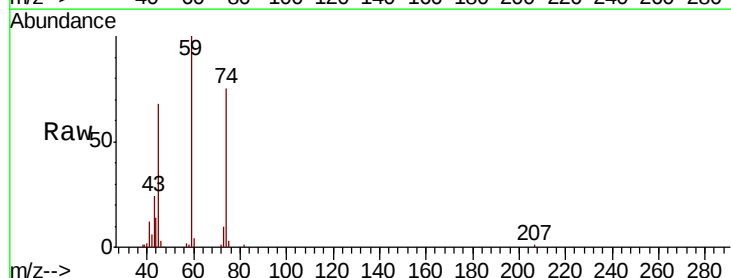
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#8

Diethyl Ether
Concen: 20.505 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.8	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.963 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

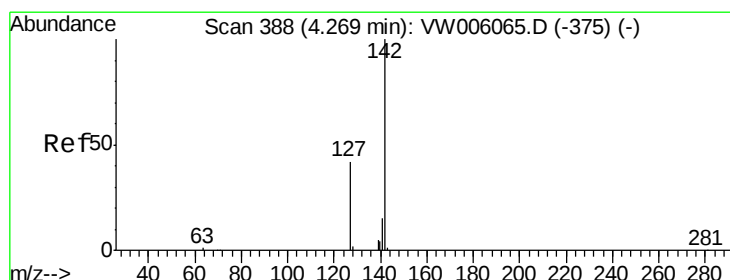
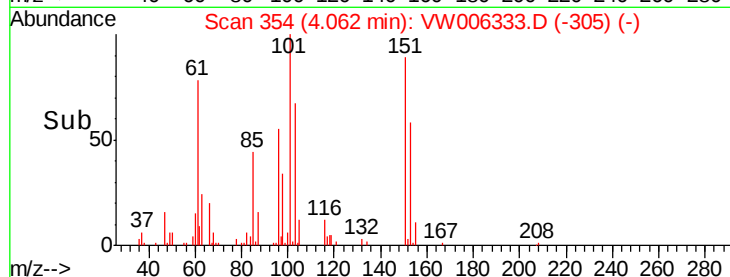
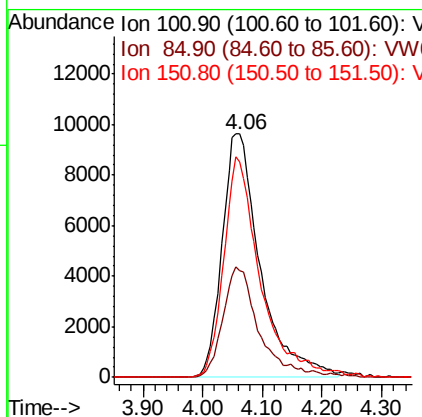
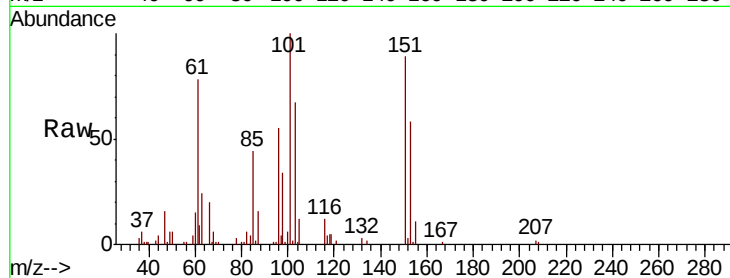
ClientSampleId :

VW1024SBS01

Tot Ion:	101	Resp:	42955
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.9	52.3
151	85.6	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.967 ug/l

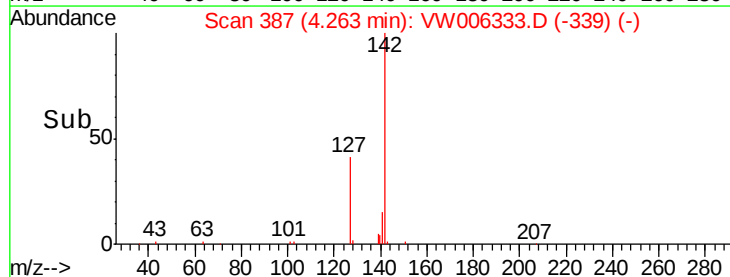
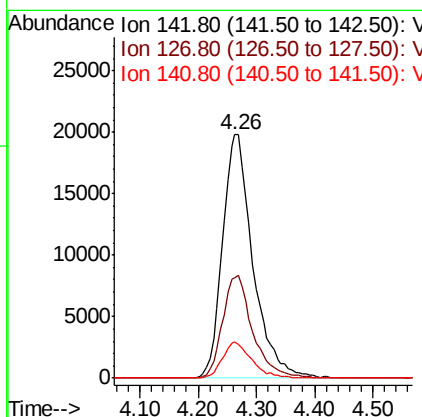
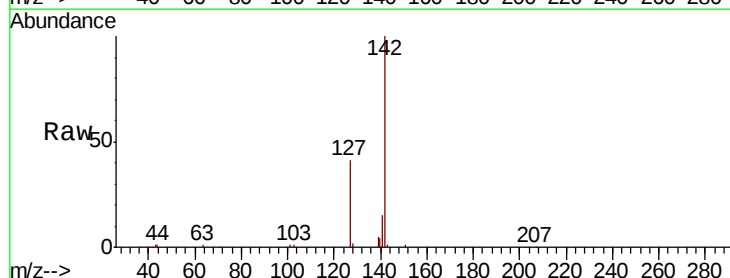
RT: 4.26 min Scan# 387

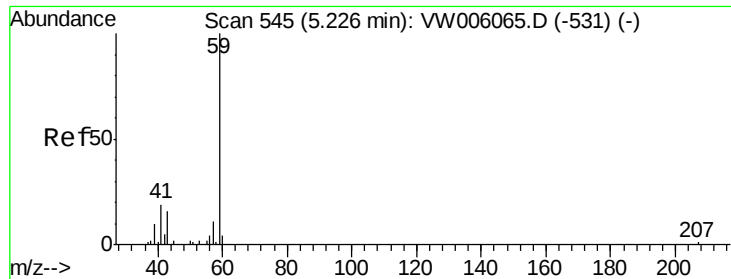
Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	142	Resp:	71509
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.6	50.4
141	14.4	11.6	17.4





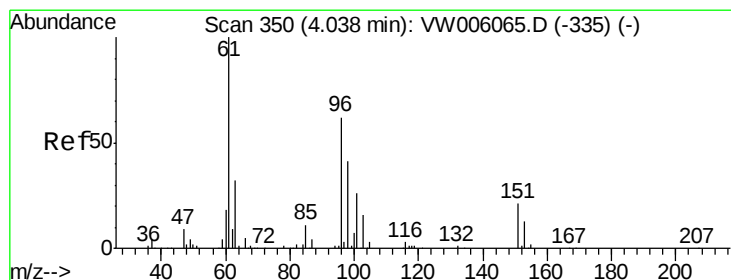
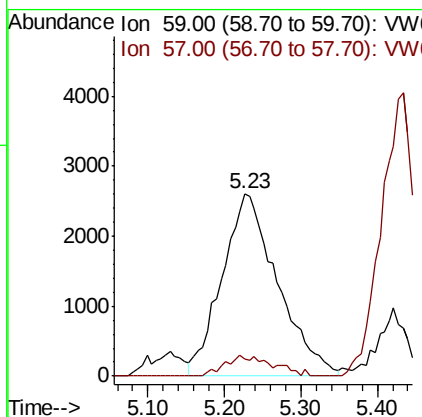
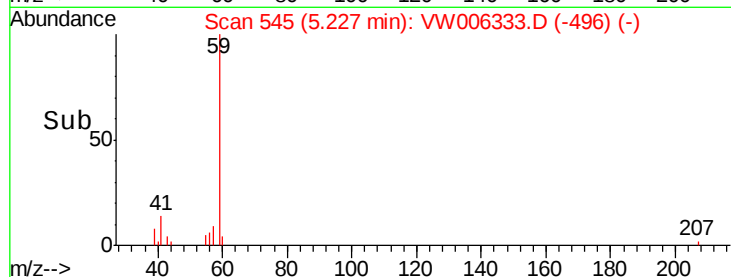
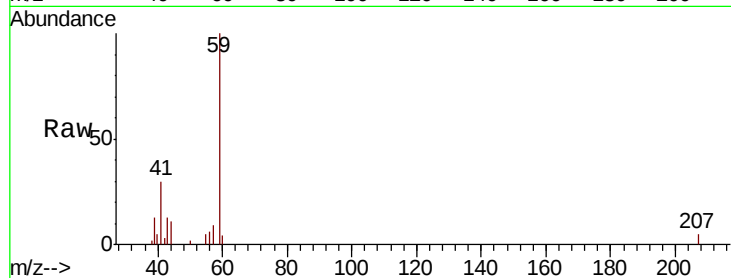
#11
Tert butyl alcohol
Concen: 102.161 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion: 59 Resp: 13143
Ion Ratio Lower Upper
59 100
57 7.7 8.7 13.1#

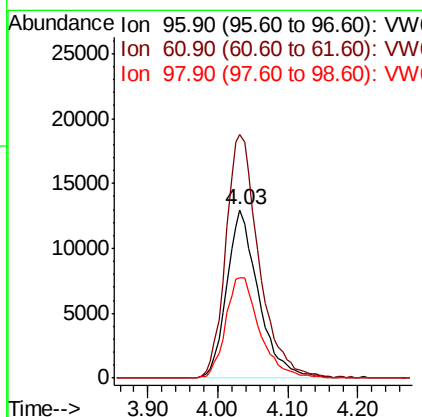
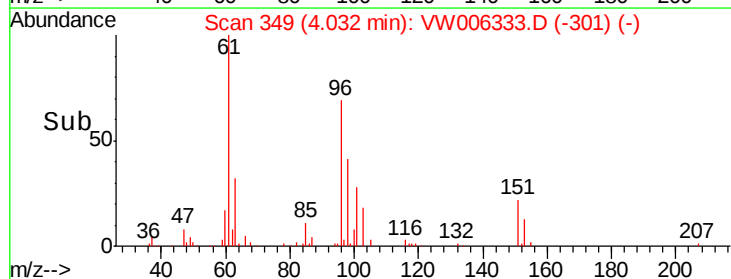
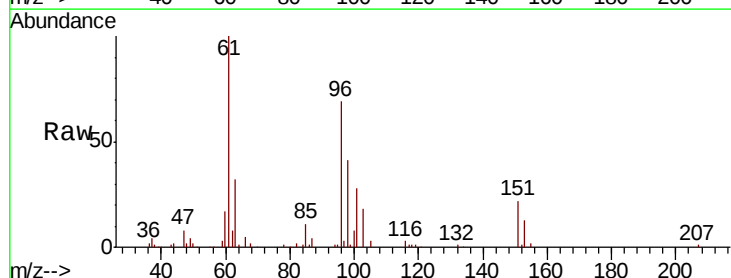
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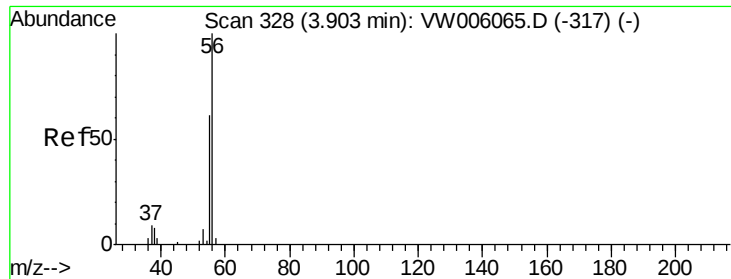
apatel
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#12
1,1-Dichloroethene
Concen: 21.197 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion: 96 Resp: 40864
Ion Ratio Lower Upper
96 100
61 144.5 129.3 193.9
98 59.2 53.1 79.7





#13

Acrolein

Concen: 94.661 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 56 Resp: 11784

Ion Ratio Lower Upper

56 100

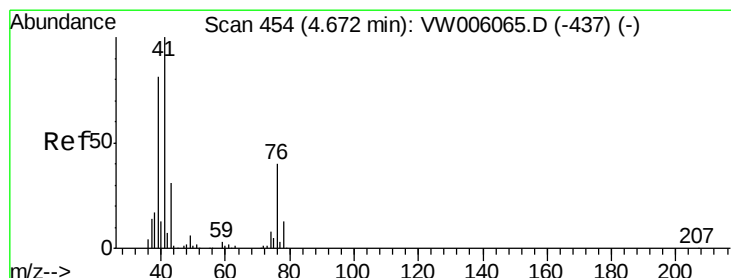
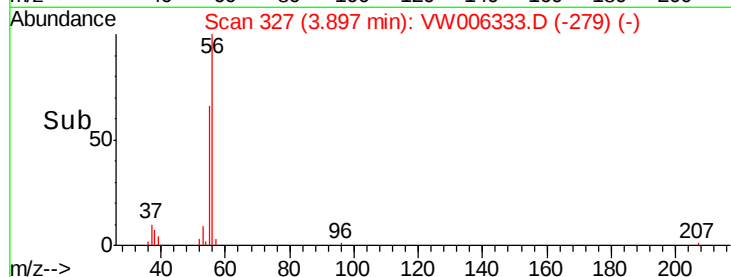
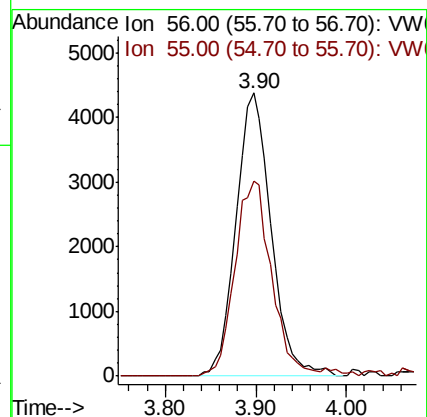
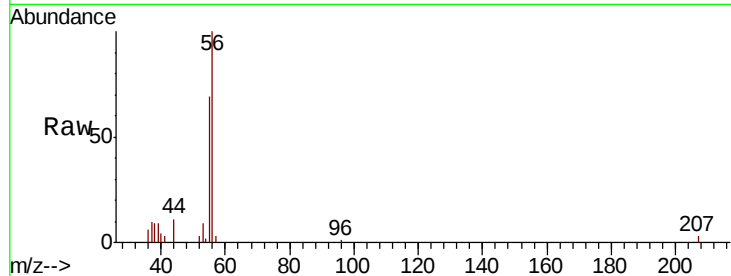
55 71.7 54.5 81.7

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#14

Allyl chloride

Concen: 20.156 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

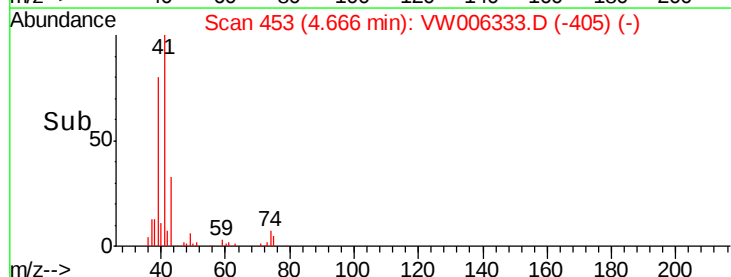
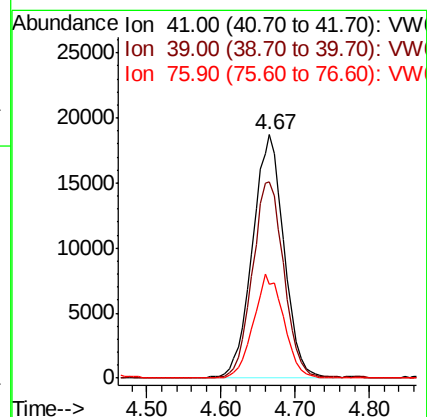
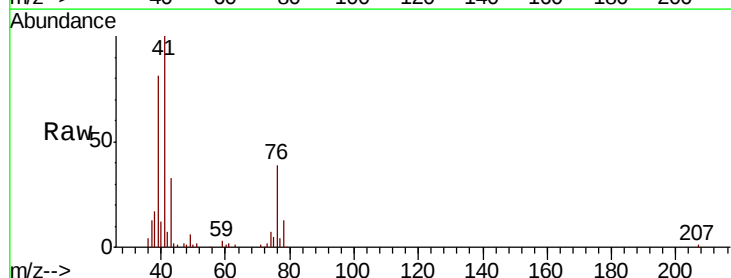
Tgt Ion: 41 Resp: 55560

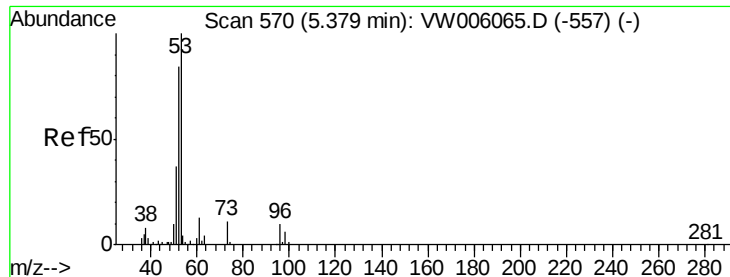
Ion Ratio Lower Upper

41 100

39 80.6 64.1 96.1

76 40.9 32.2 48.4





#15

Acrylonitrile

Concen: 112.595 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

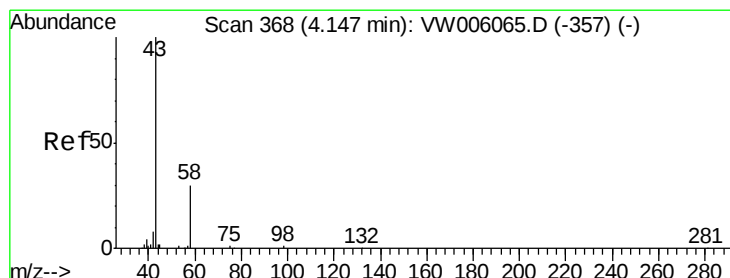
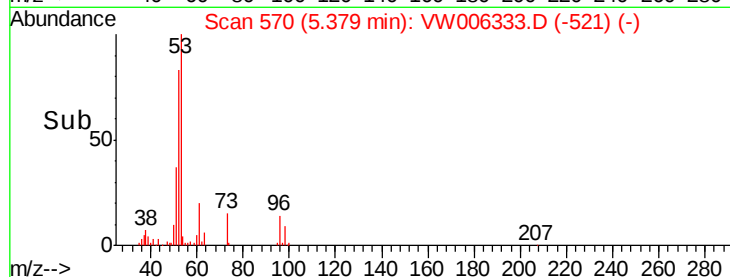
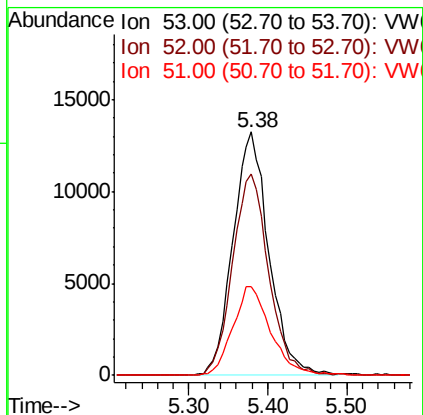
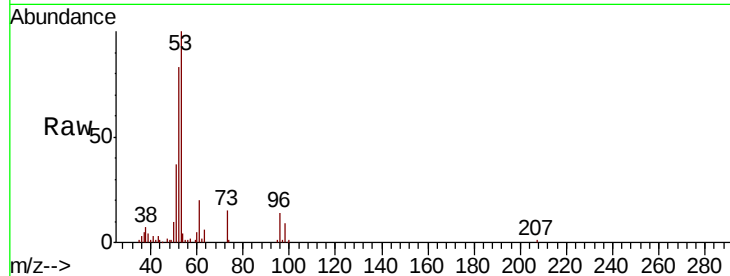
ClientSampleId :

VW1024SBS01

Tot Ion:	53	Resp:	41967
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	38.6	30.1	45.1

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#16

Acetone

Concen: 102.223 ug/l

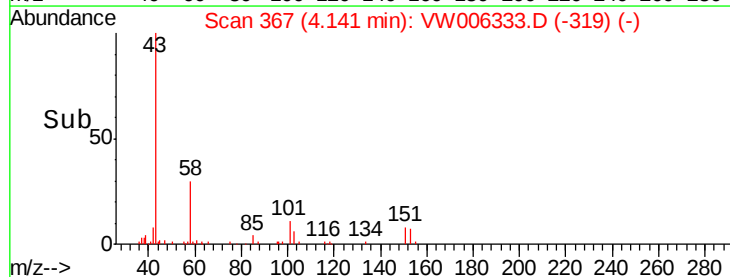
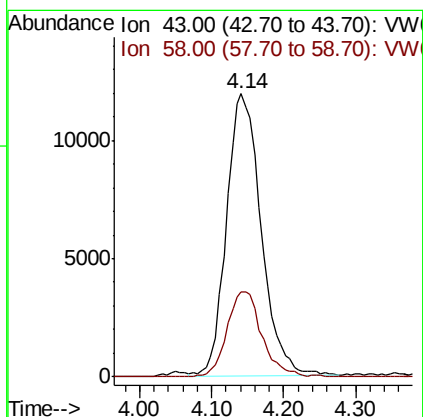
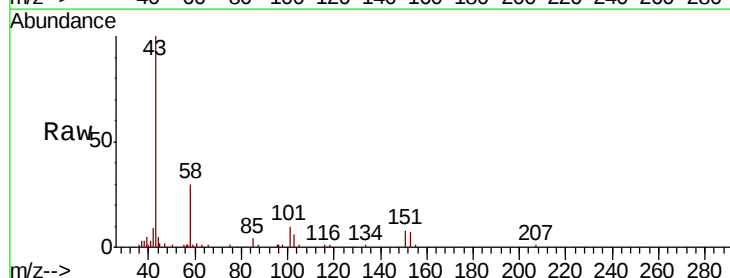
RT: 4.14 min Scan# 367

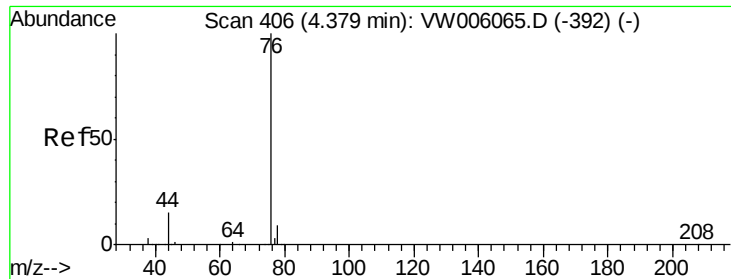
Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	43	Resp:	39825
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





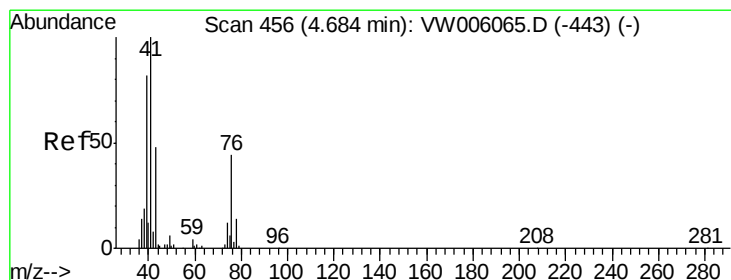
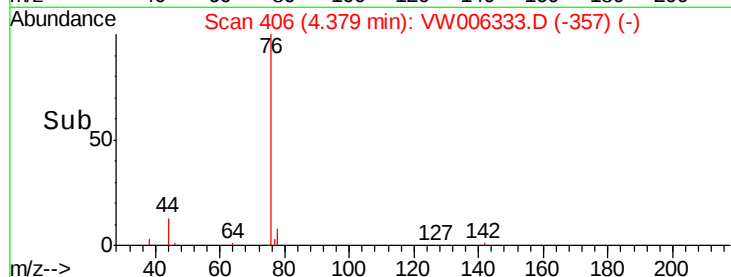
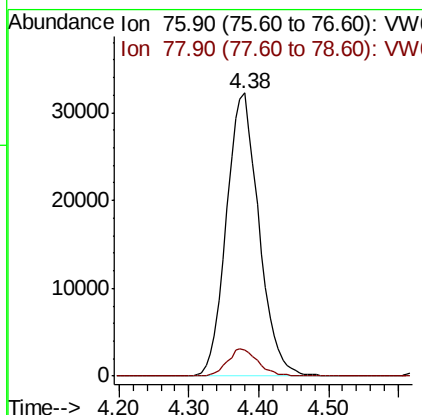
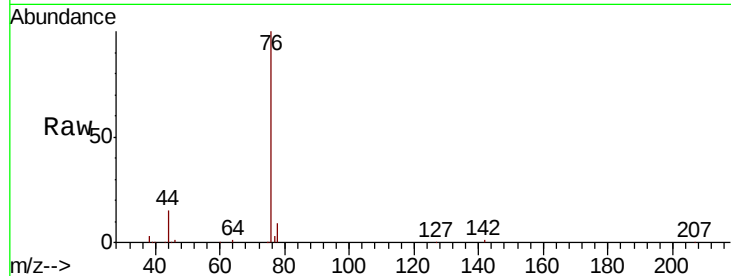
#17
Carbon Disulfide
Concen: 17.864 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

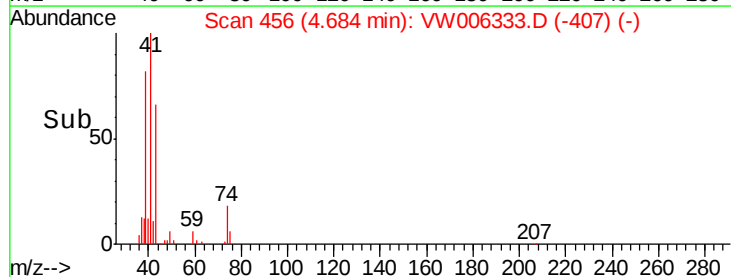
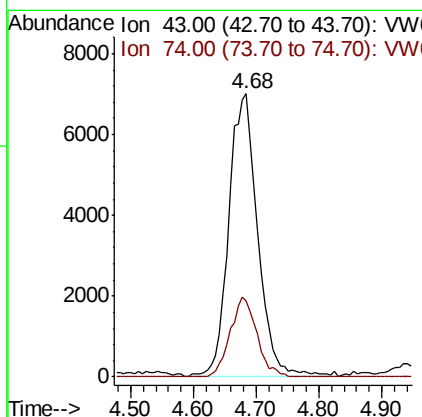
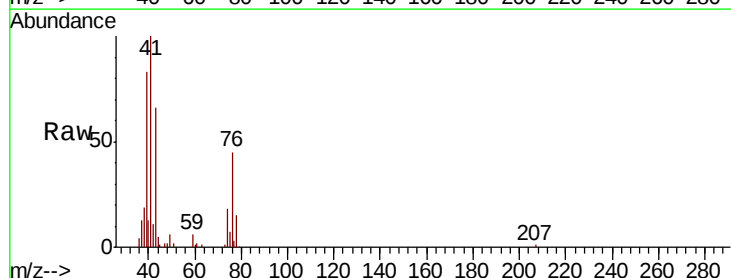
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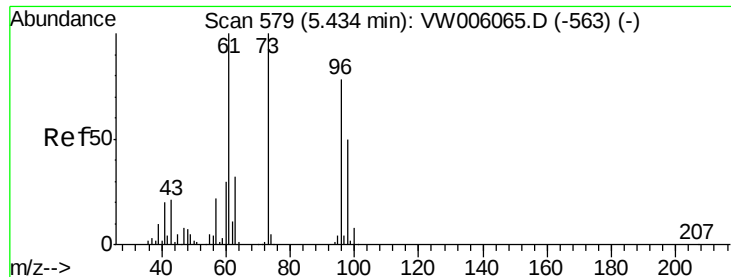
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#18
Methyl Acetate
Concen: 23.307 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.5	30.7





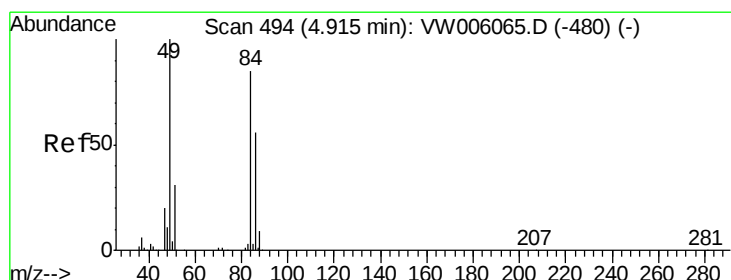
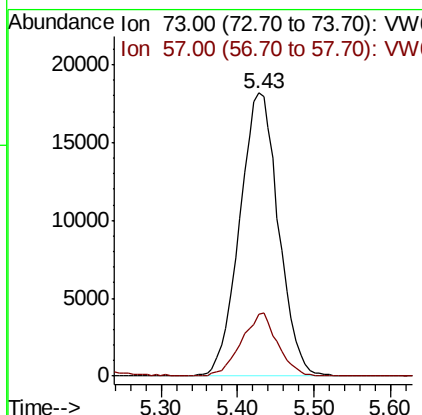
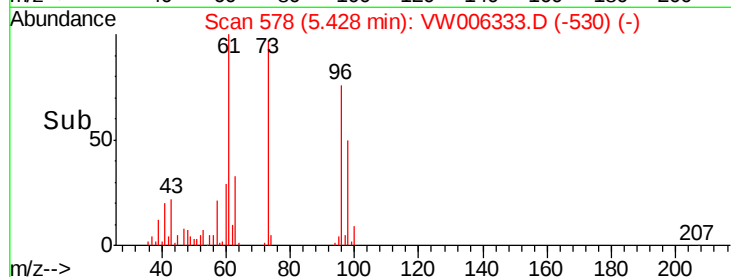
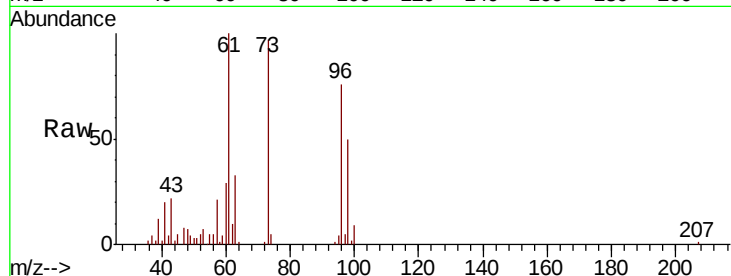
#19
Methyl tert-butyl Ether
Concen: 21.848 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

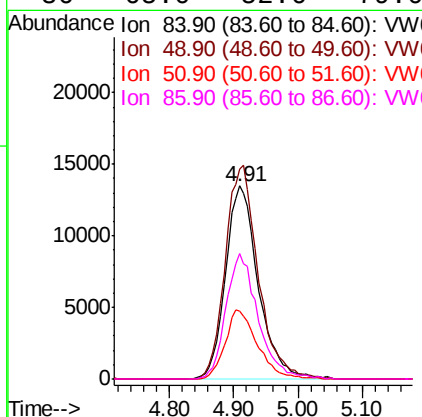
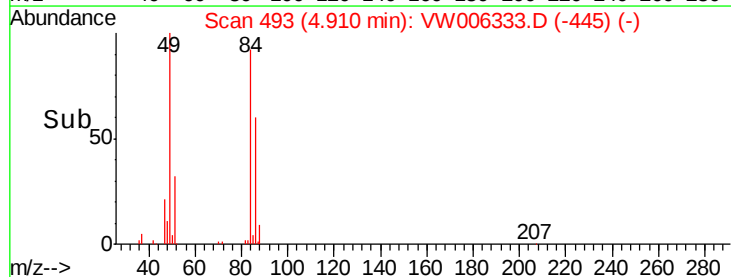
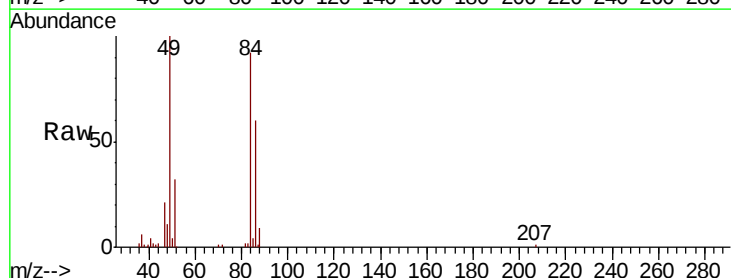
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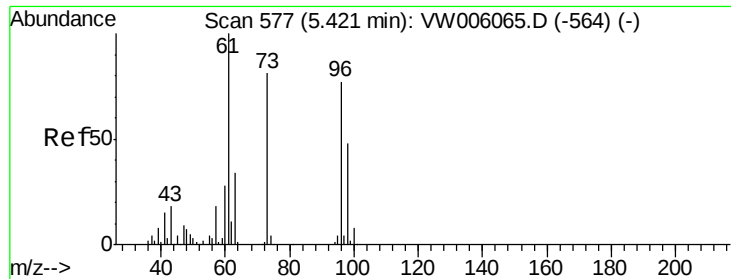
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#20
Methylene Chloride
Concen: 22.842 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.8	93.6	140.4
51	35.3	29.0	43.4
86	65.0	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 21.694 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

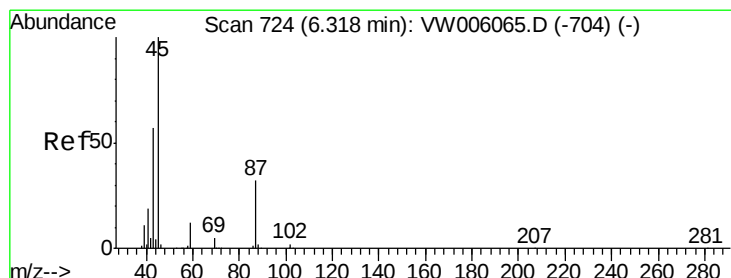
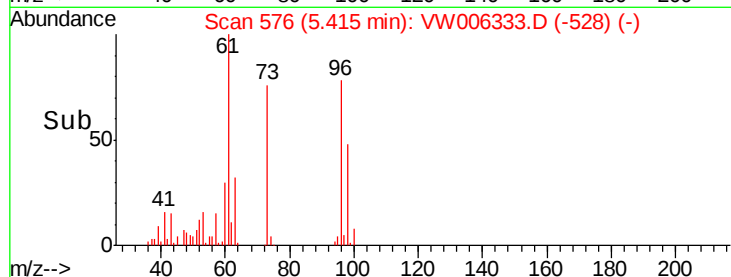
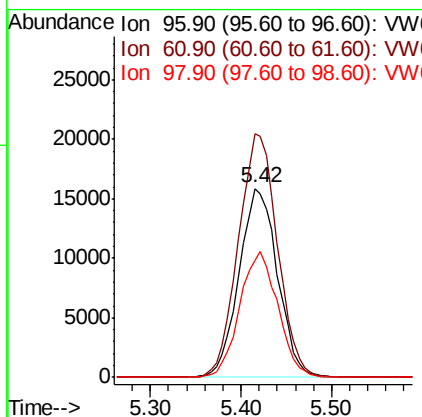
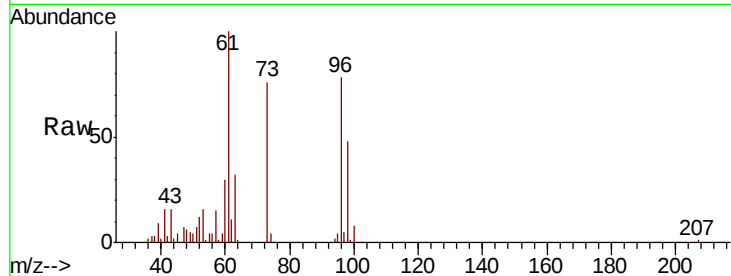
ClientSampleId :

VW1024SBS01

Tot Ion:	96	Resp:	46682
Ion	Ratio	Lower	Upper
96	100		
61	128.8	104.5	156.7
98	61.8	50.6	75.8

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#22

Diisopropyl ether

Concen: 22.090 ug/l

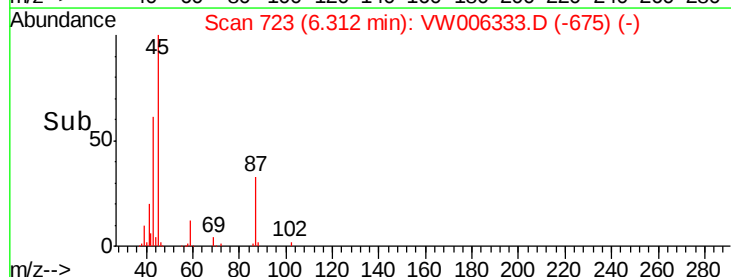
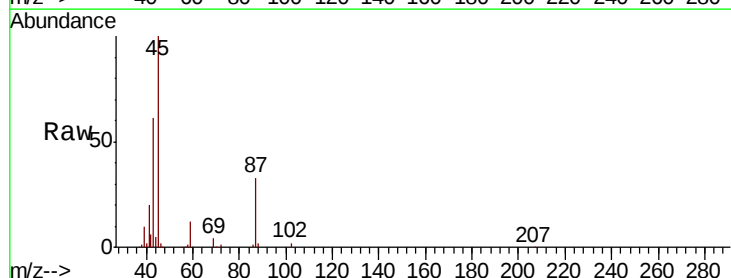
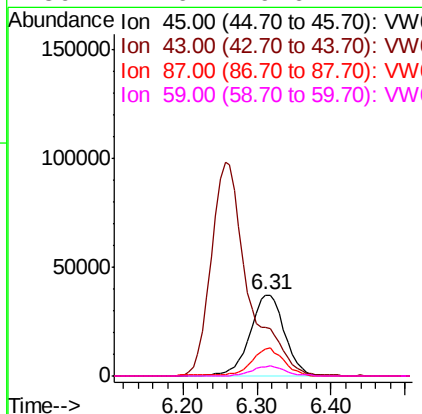
RT: 6.31 min Scan# 723

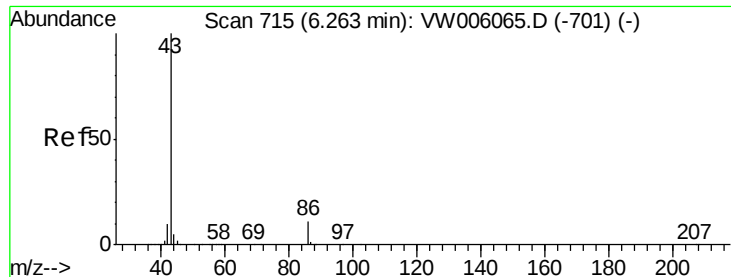
Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	45	Resp:	120328
Ion	Ratio	Lower	Upper
45	100		
43	60.0	45.7	68.5
87	33.3	25.9	38.9
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 105.137 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 43 Resp: 337986

Ion Ratio Lower Upper

43 100

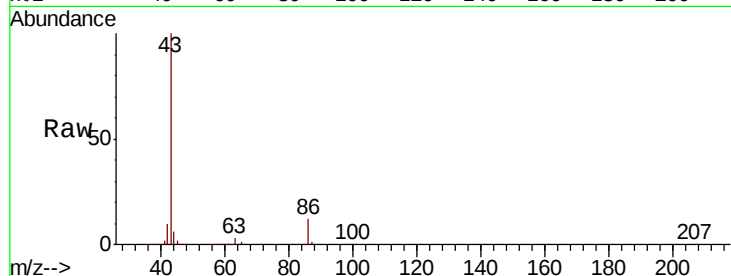
86 11.9 9.0 13.6

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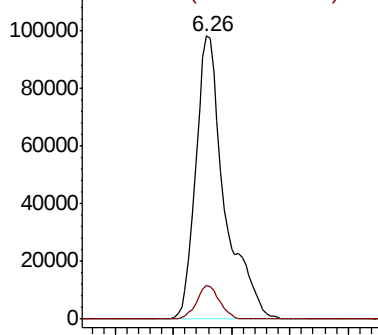
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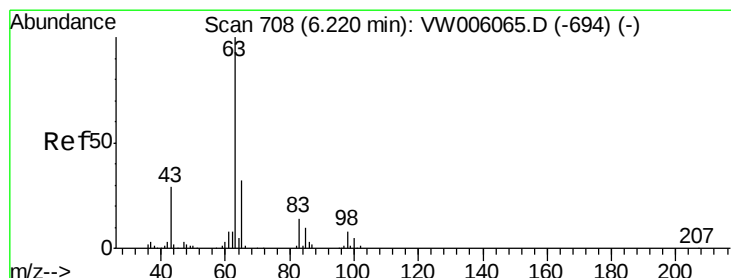
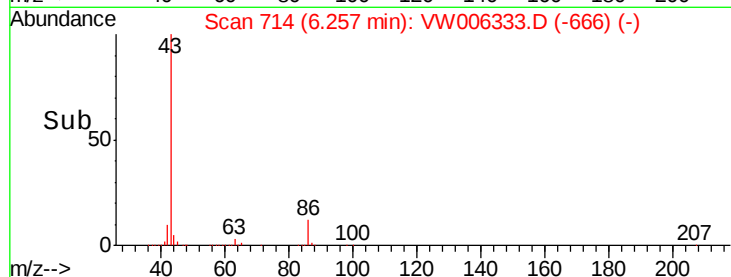


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 22.815 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

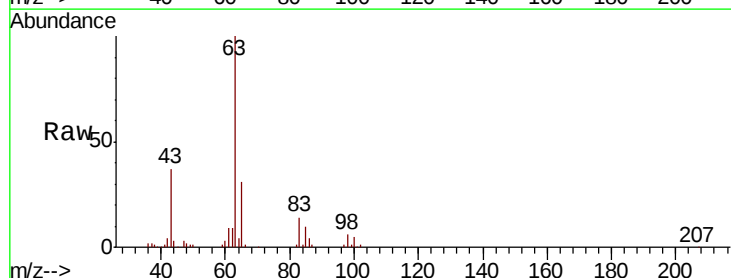
Tgt Ion: 63 Resp: 80192

Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

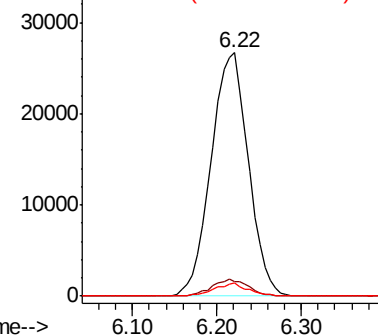
100 5.2 2.5 7.5



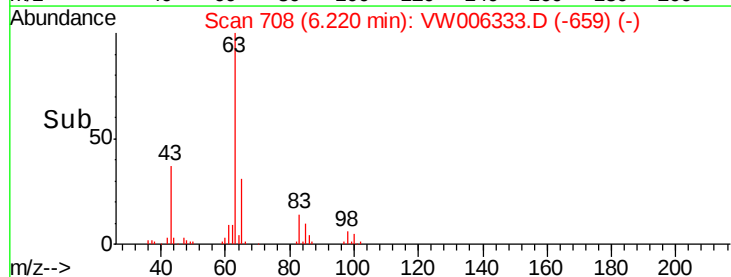
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 108.856 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 43 Resp: 56253

Ion Ratio Lower Upper

43 100

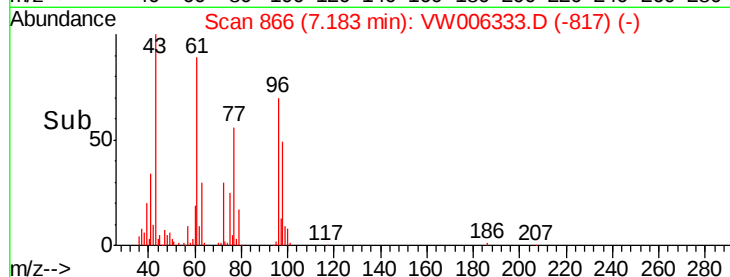
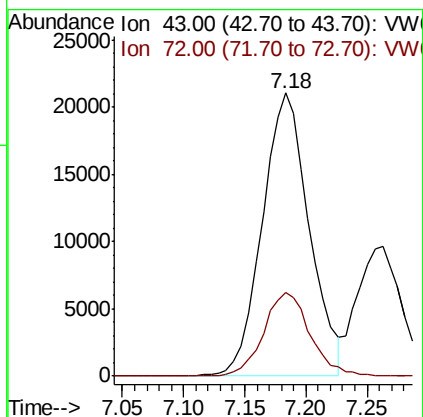
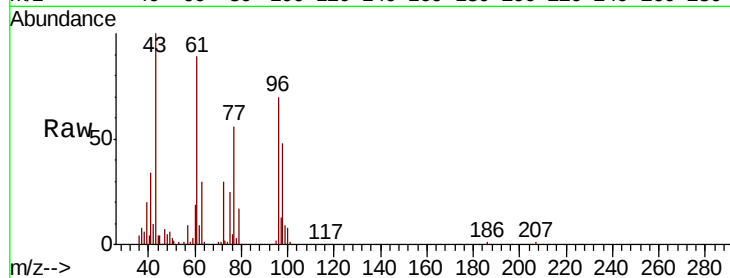
72 29.5 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 19.069 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006333.D

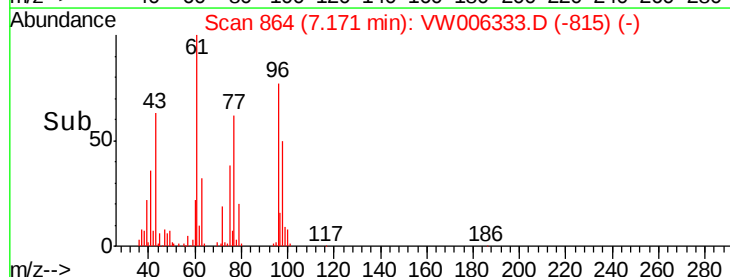
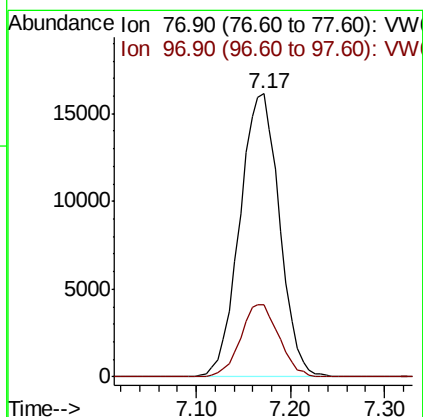
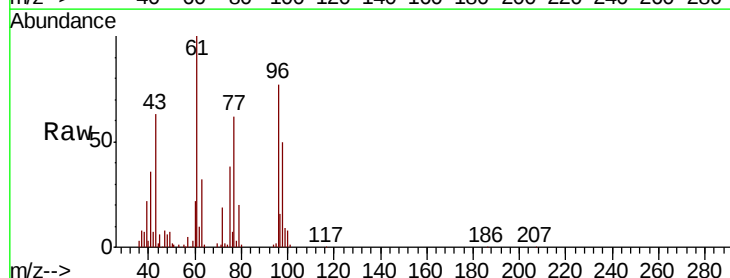
Acq: 24 Oct 2018 23:45

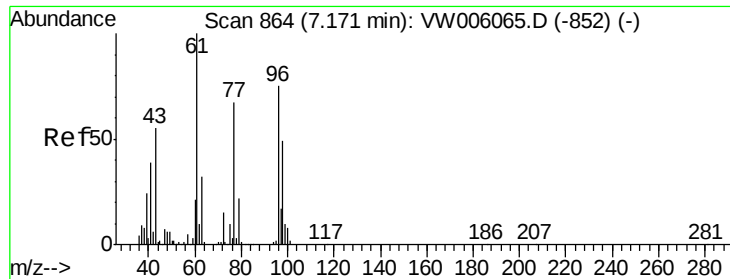
Tgt Ion: 77 Resp: 47272

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.4





#27

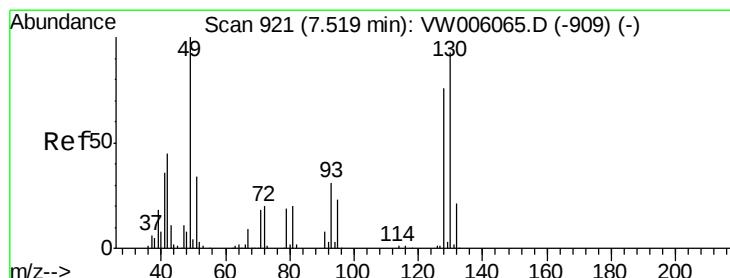
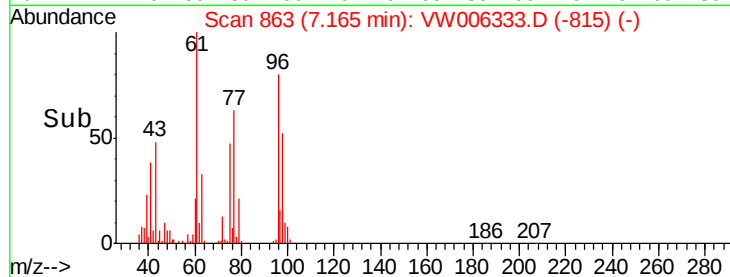
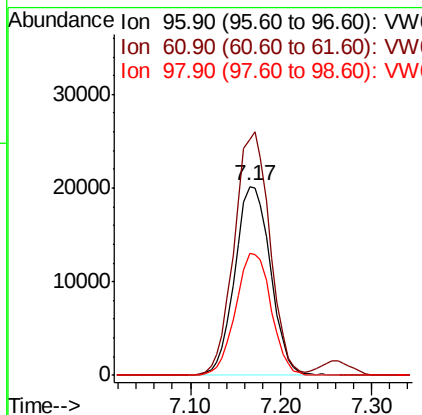
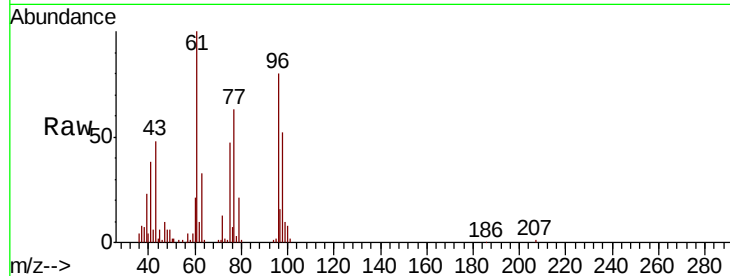
cis-1,2-Dichloroethene
 Concen: 23.155 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	0.0	267.2
98	64.5	0.0	128.6

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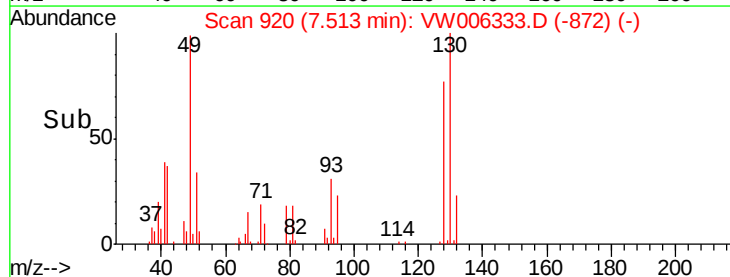
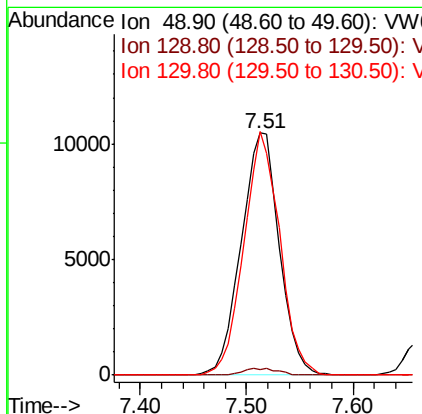
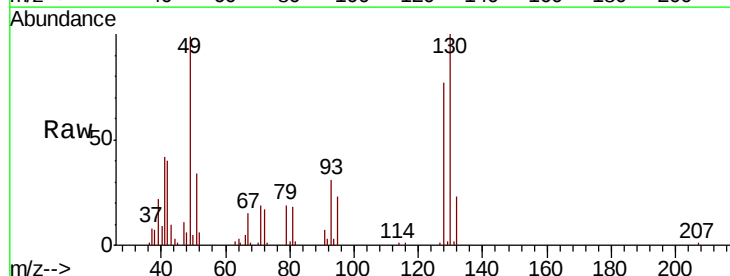
apatel
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#28

Bromochloromethane
 Concen: 19.386 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	94.5	73.8	110.8





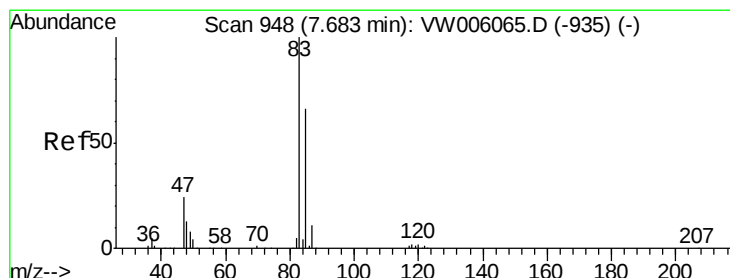
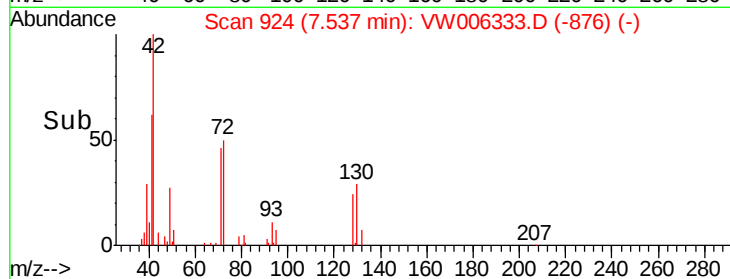
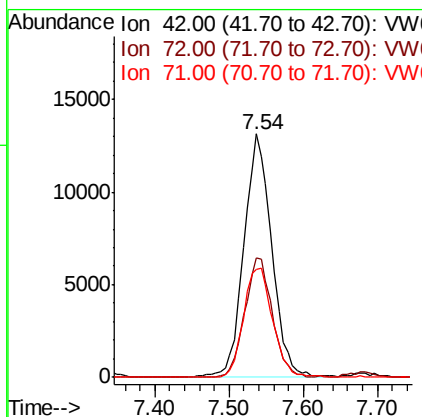
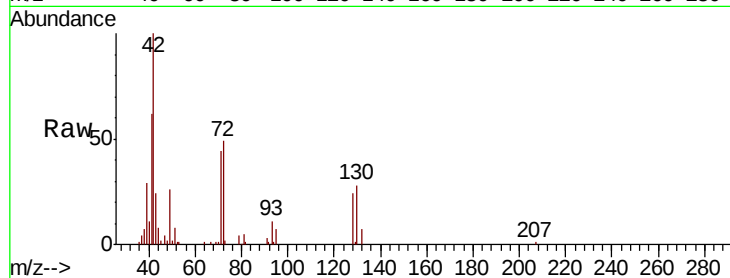
#29
Tetrahydrofuran
Concen: 108.883 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion:	42	Resp:	34586
Ion Ratio	Lower	Upper	
42	100		
72	48.4	38.0	57.0
71	46.6	35.3	52.9

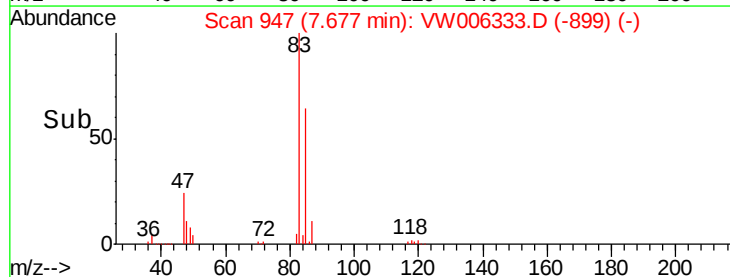
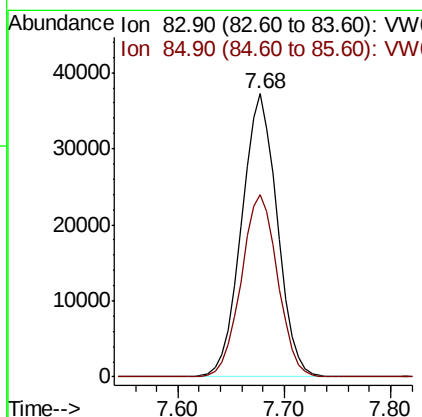
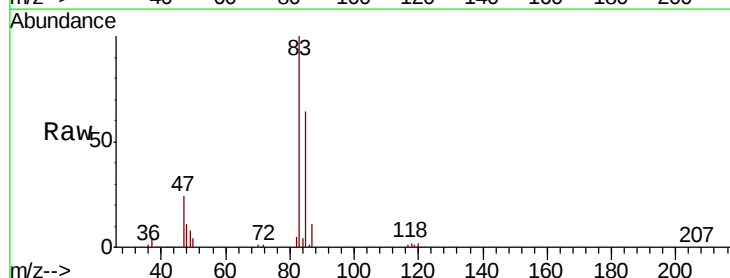
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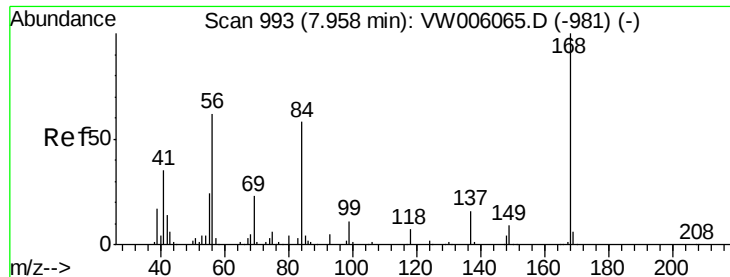
apatel
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#30
Chloroform
Concen: 22.813 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion:	83	Resp:	87361
Ion Ratio	Lower	Upper	
83	100		
85	64.3	52.6	79.0





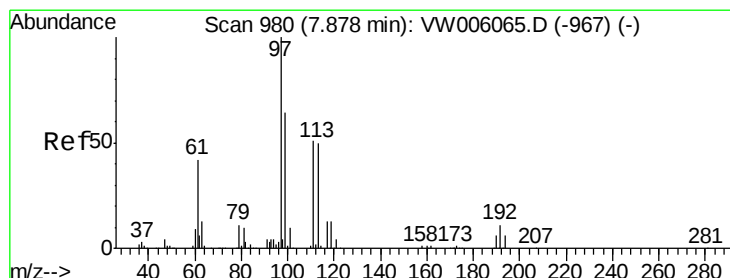
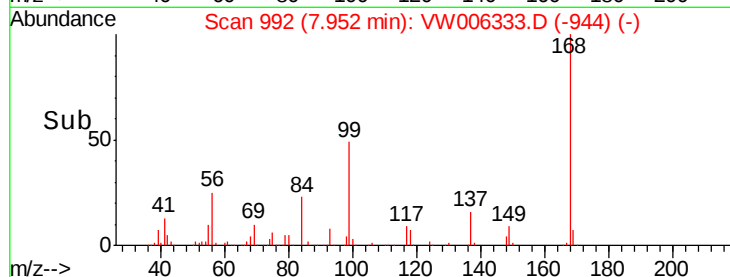
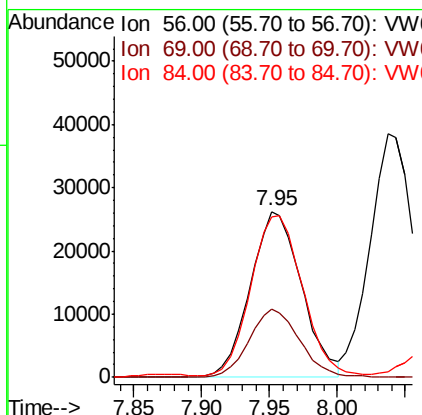
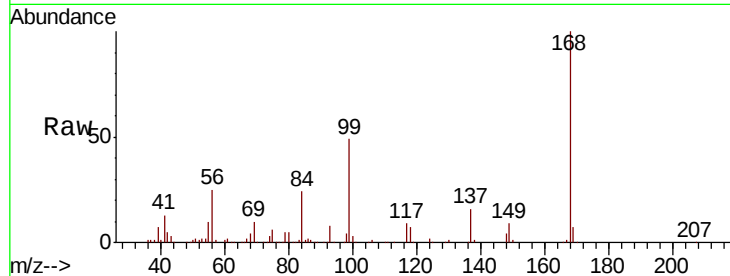
#31
Cyclohexane
Concen: 19.779 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	56	Ratio	Lower	Upper
56	100			
69	41.0	29.4	44.0	
84	95.7	74.0	111.0	

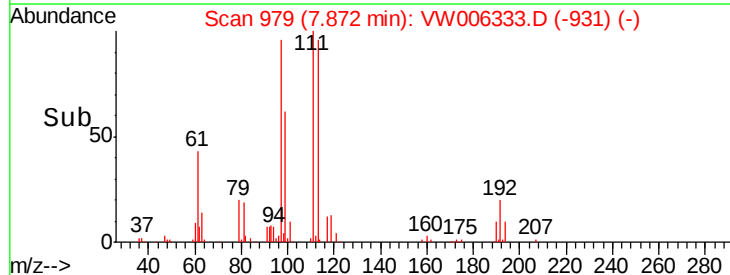
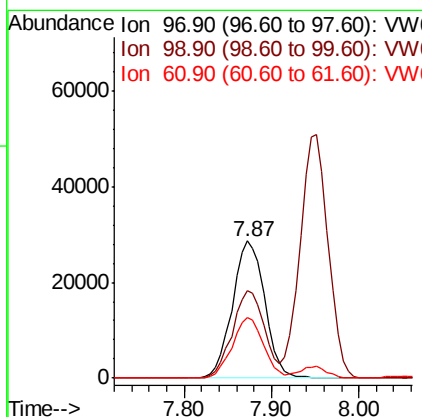
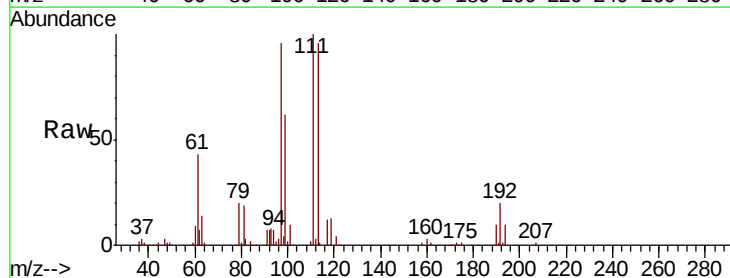
Manual Integrations
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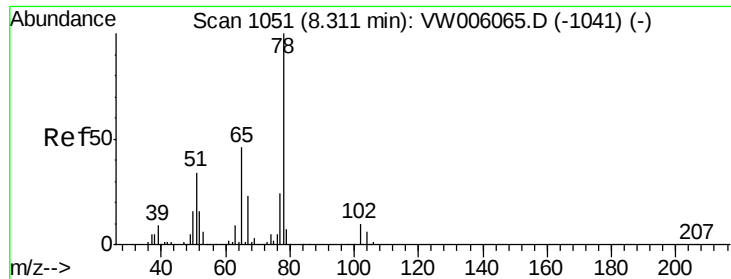
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.317 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	97	Ratio	Lower	Upper
97	100			
99	63.2	50.9	76.3	
61	42.6	33.7	50.5	





#33

1,2-Dichloroethane-d4

Concen: 49.818 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 65 Resp: 95297

Ion Ratio Lower Upper

65 100

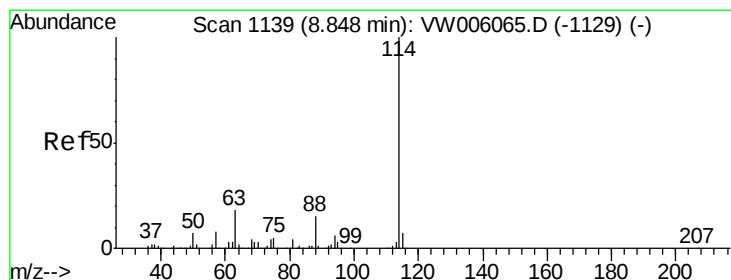
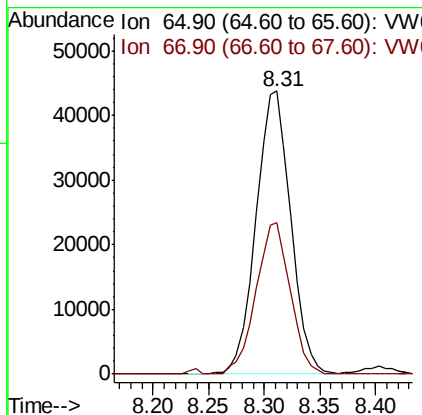
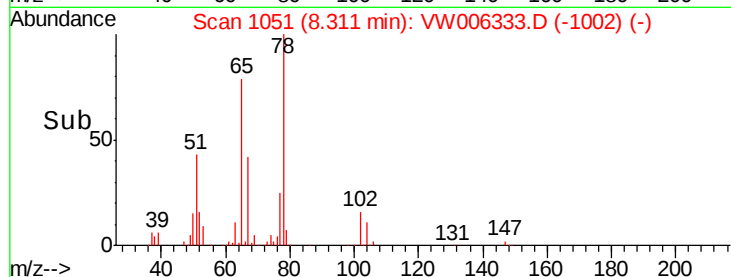
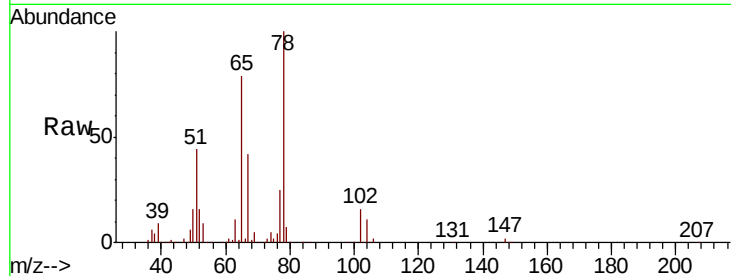
67 52.7 0.0 101.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

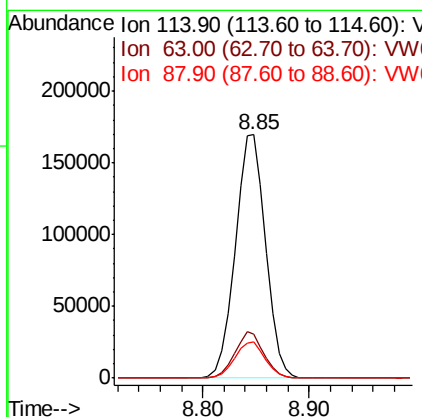
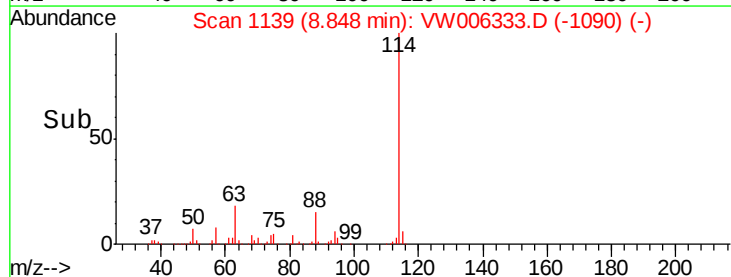
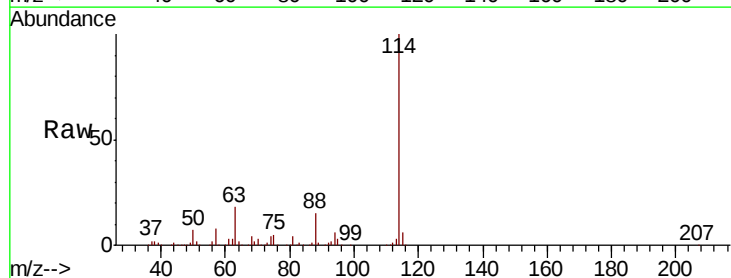
Tgt Ion: 114 Resp: 337370

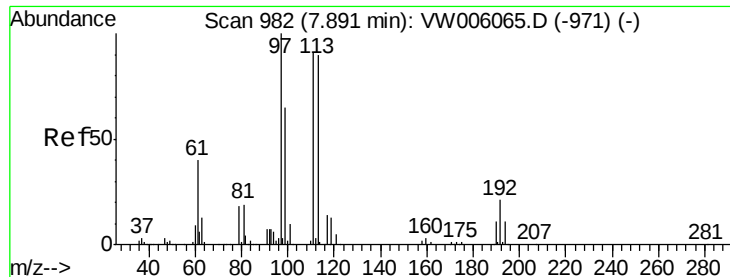
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.144 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

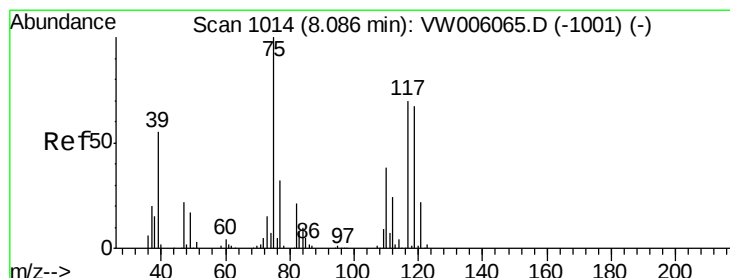
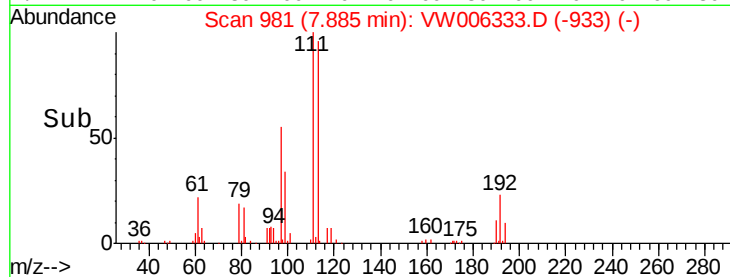
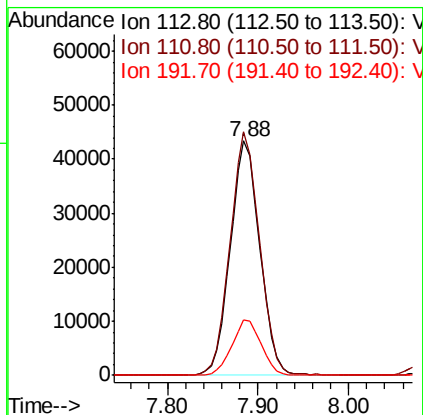
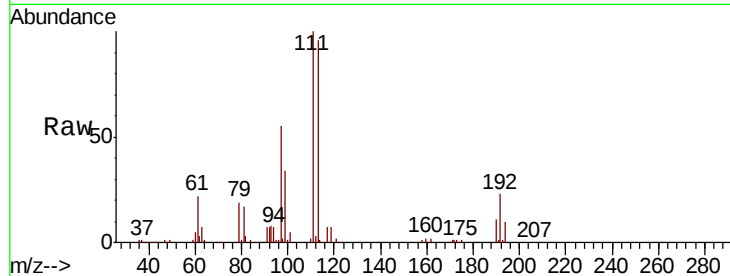
ClientSampleId :

VW1024SBS01

Tot Ion:	113	Resp:	97969
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.4	122.0
192	23.5	18.7	28.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.636 ug/l

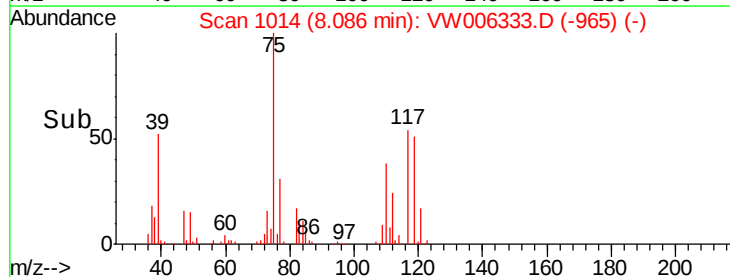
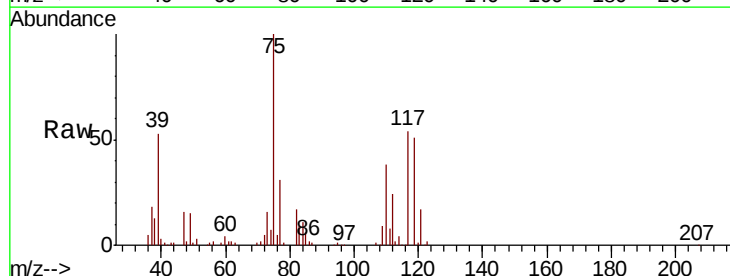
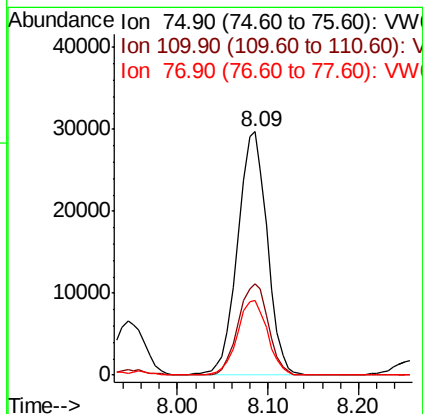
RT: 8.09 min Scan# 1014

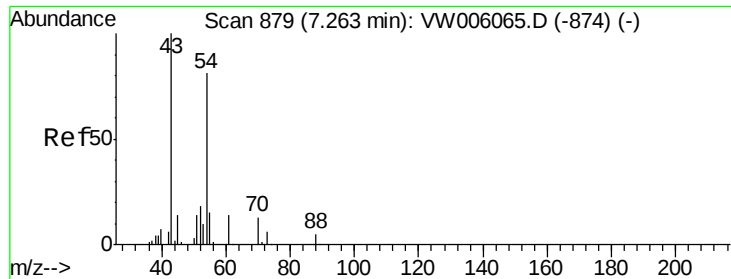
Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	75	Resp:	67281
Ion Ratio	Lower	Upper	
75	100		
110	38.0	19.1	57.1
77	31.4	25.0	37.4





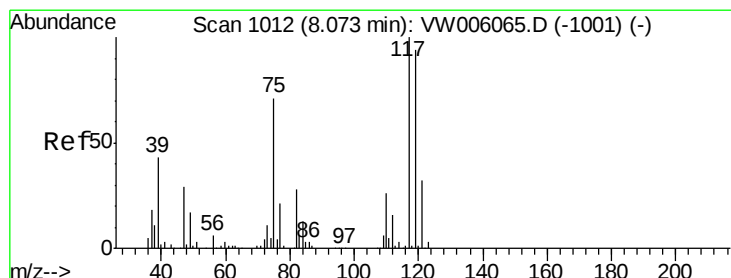
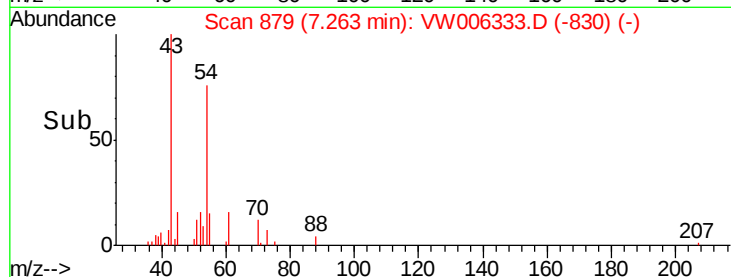
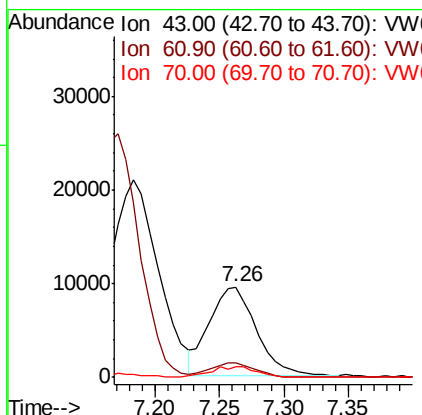
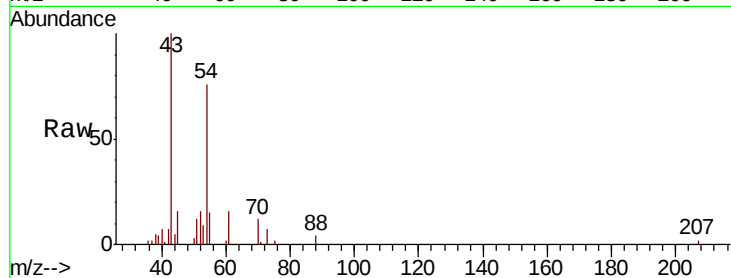
#37
Ethyl Acetate
Concen: 21.007 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.5	17.3
70	11.6	9.2	13.8

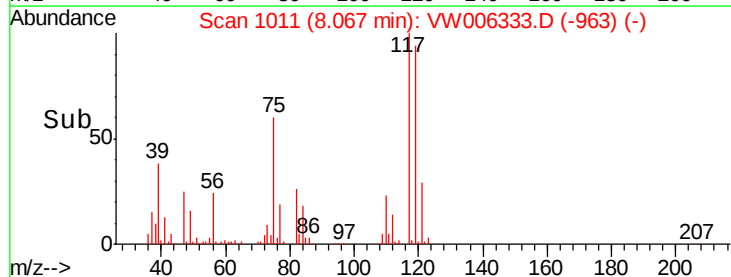
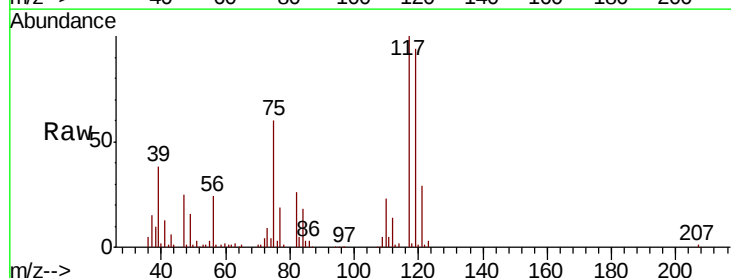
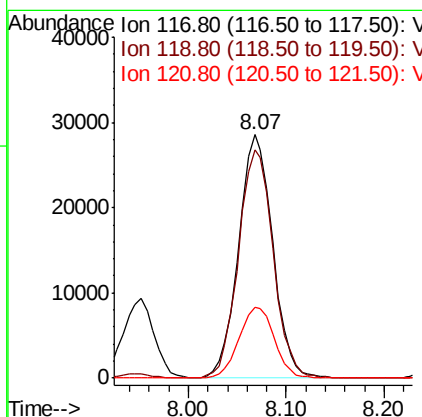
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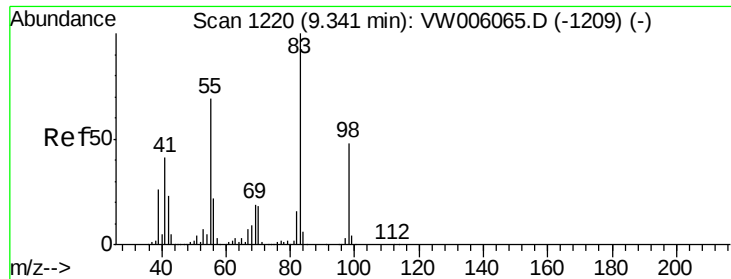
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#38
Carbon Tetrachloride
Concen: 20.273 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	75.2	112.8
121	28.9	25.3	37.9





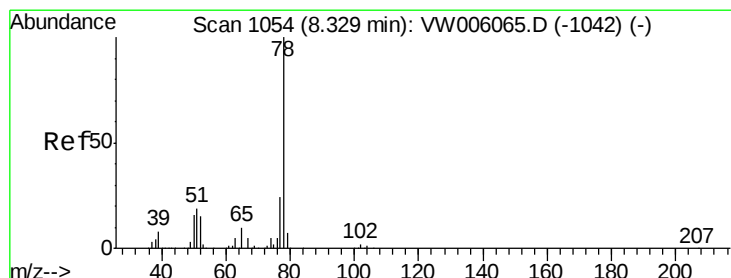
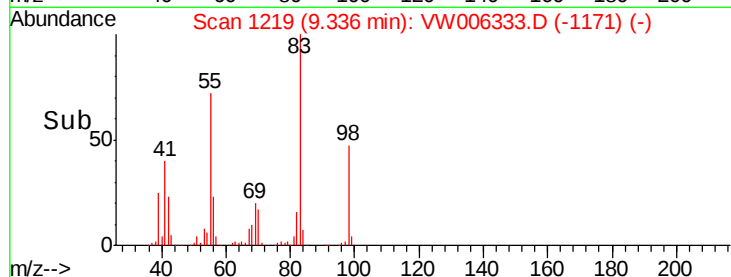
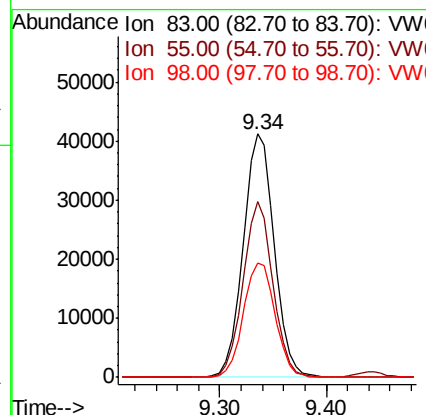
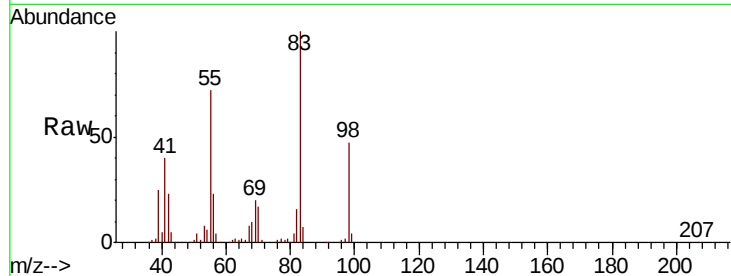
#39
Methvlcvclohexane
Concen: 20.417 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	55.0	82.6
98	47.0	38.6	57.8

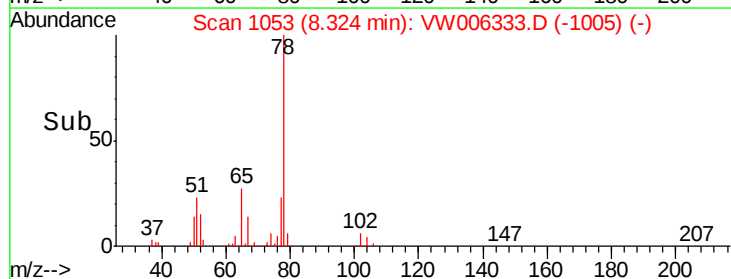
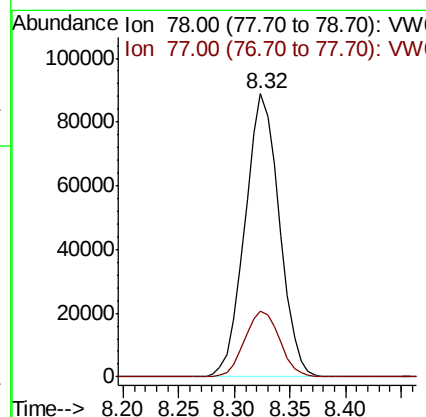
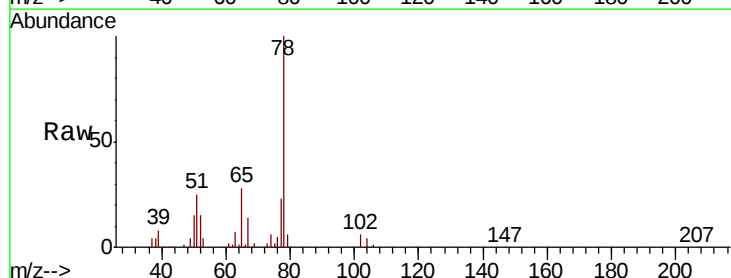
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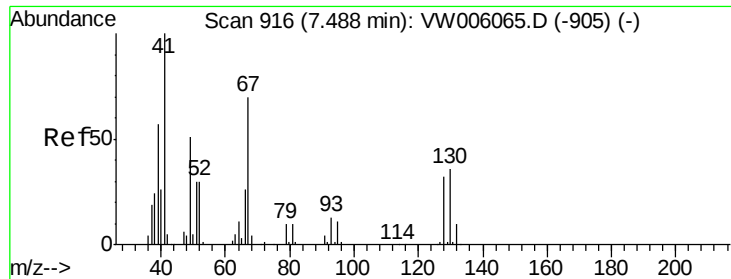
apatel
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#40
Benzene
Concen: 22.393 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





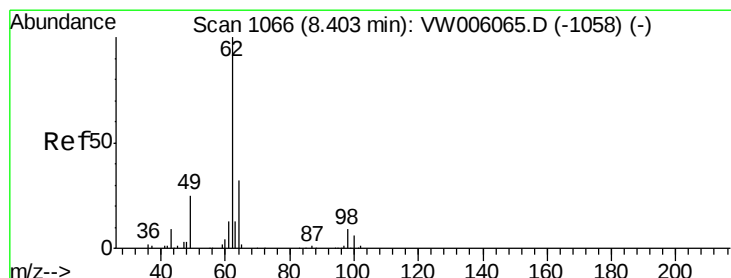
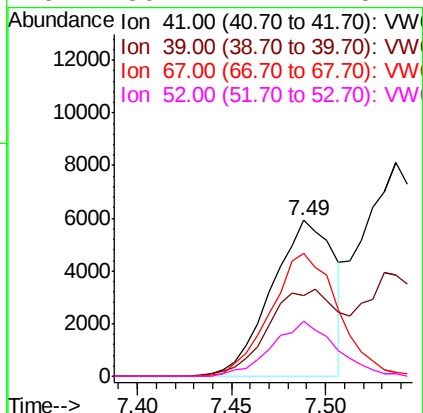
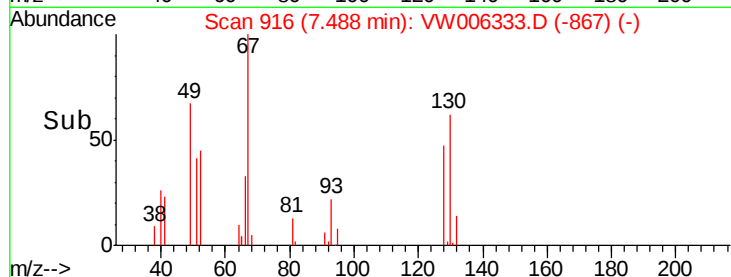
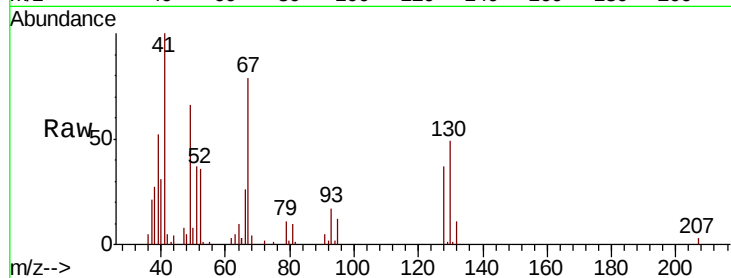
#41
Methacrylonitrile
Concen: 19.576 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	41	Resp	13634
Ion	Ratio	Lower	Upper
41	100		
39	65.2	46.2	69.4
67	86.0	57.7	86.5
52	36.2	24.7	37.1

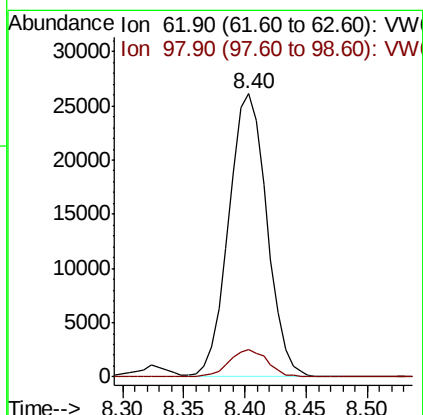
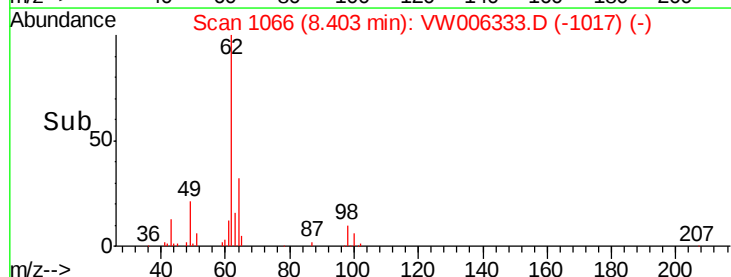
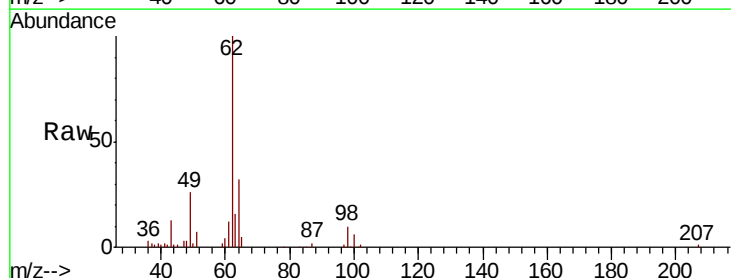
Manual Integrations
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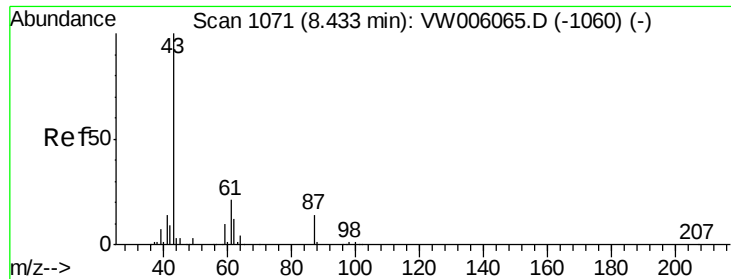
apatel
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#42
1,2-Dichloroethane
Concen: 22.579 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	62	Resp	56585
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.681 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

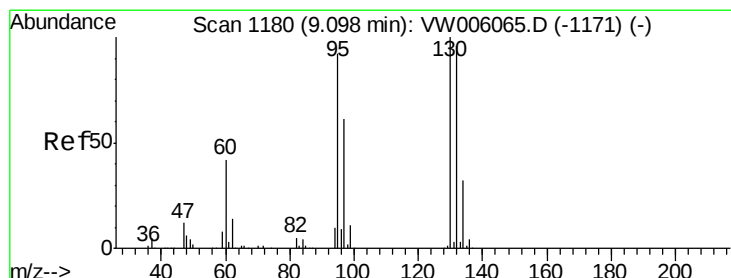
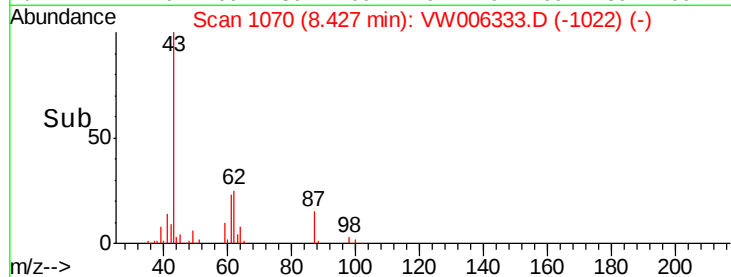
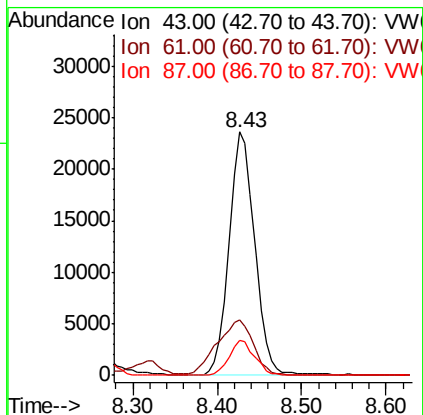
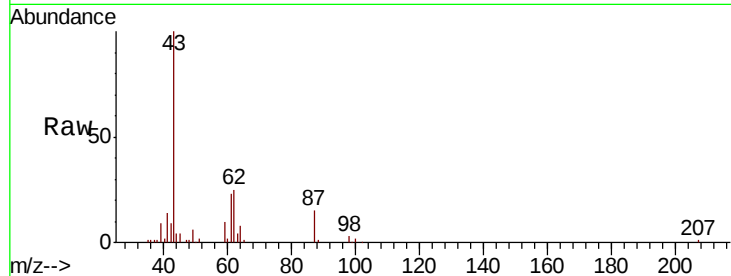
ClientSampleId :

VW1024SBS01

Tot Ion:	43	Resp:	48853
Ion Ratio	Lower	Upper	
43	100		
61	32.0	25.5	38.3
87	14.4	11.7	17.5

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#44

Trichloroethene

Concen: 22.482 ug/l

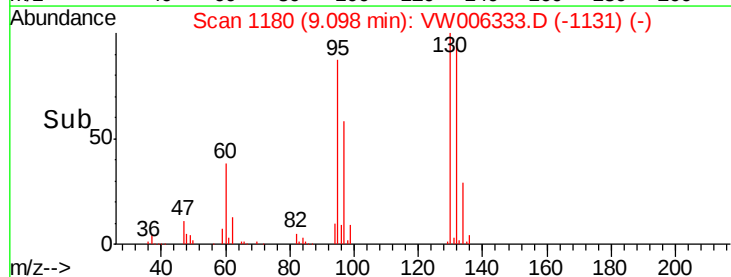
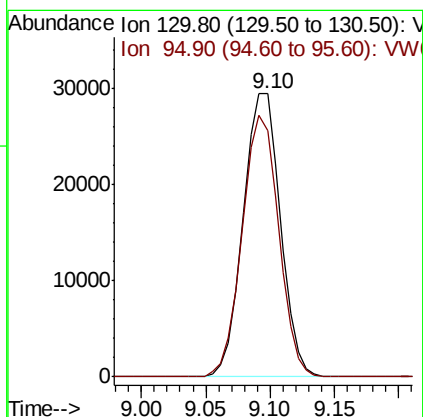
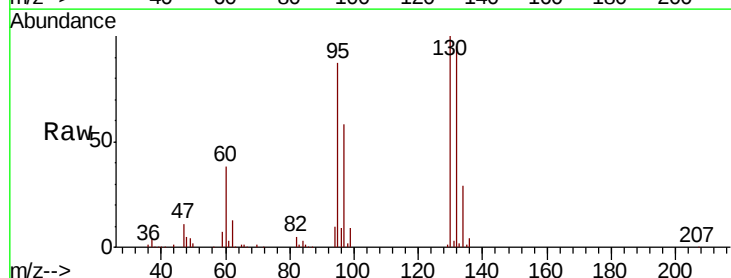
RT: 9.10 min Scan# 1180

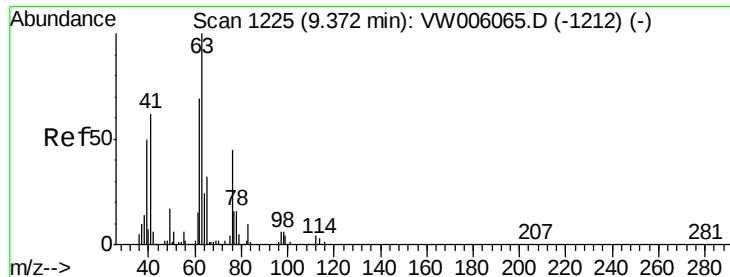
Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	130	Resp:	58835
Ion Ratio	Lower	Upper	
130	100		
95	87.2	0.0	183.2





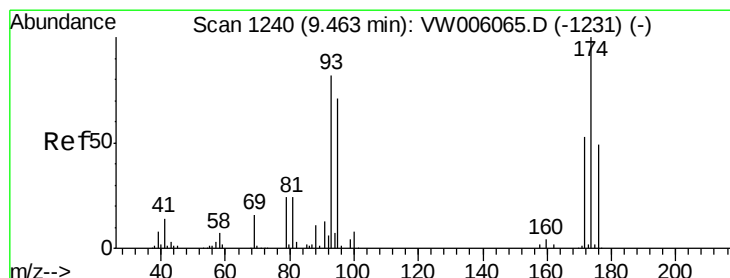
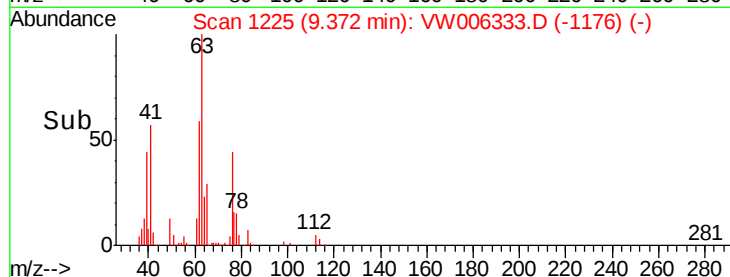
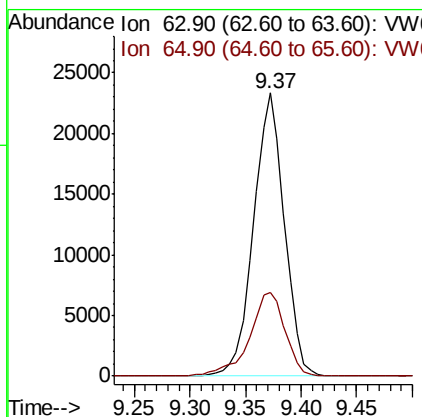
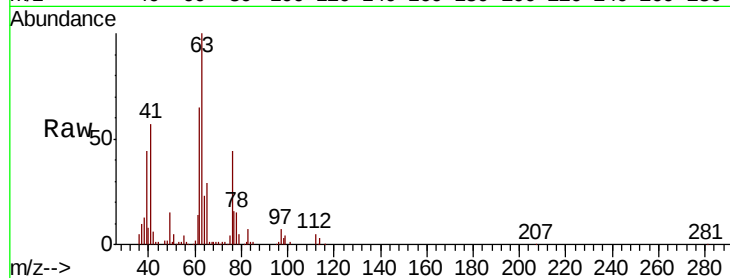
#45
 1,2-Dichloropropane
 Concen: 22.040 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	63	Resp	44987
Ion Ratio	Lower	Upper	
63	100		
65	29.4	25.4	38.0

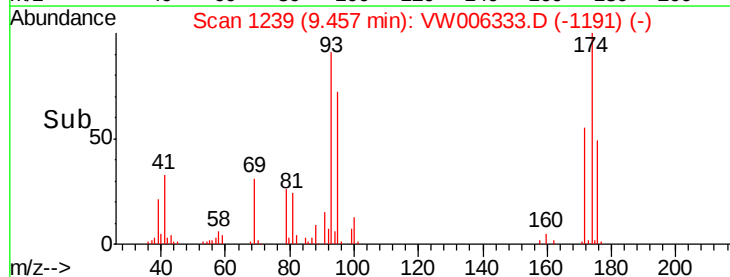
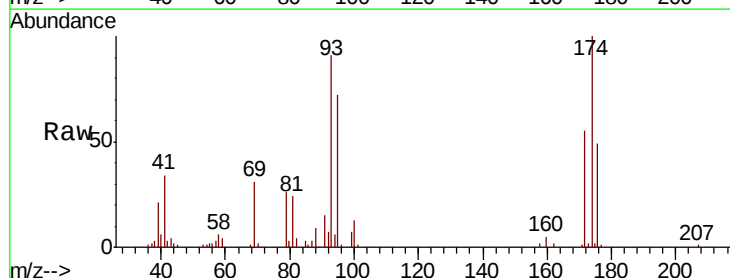
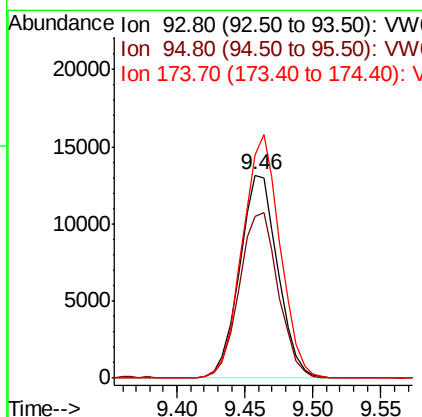
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#46
 Dibromomethane
 Concen: 22.162 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion	93	Resp	25782
Ion Ratio	Lower	Upper	
93	100		
95	83.1	67.7	101.5
174	118.3	93.7	140.5





#47

Bromodichloromethane

Concen: 20.962 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

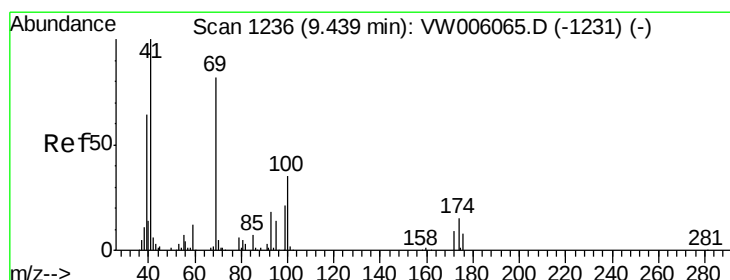
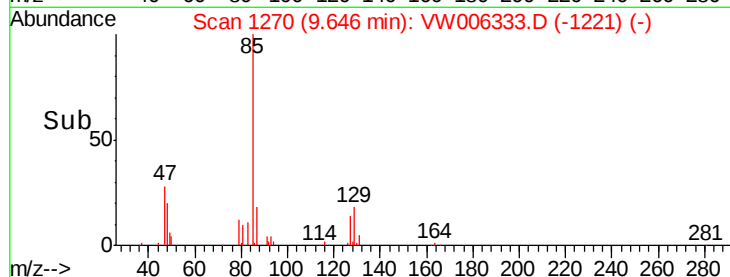
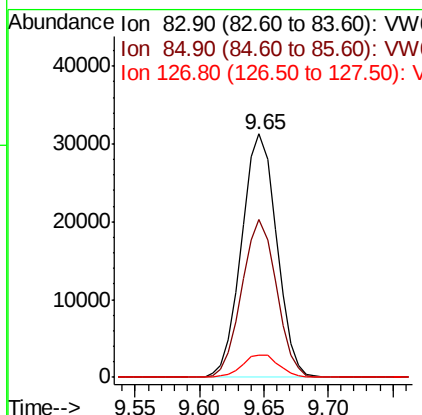
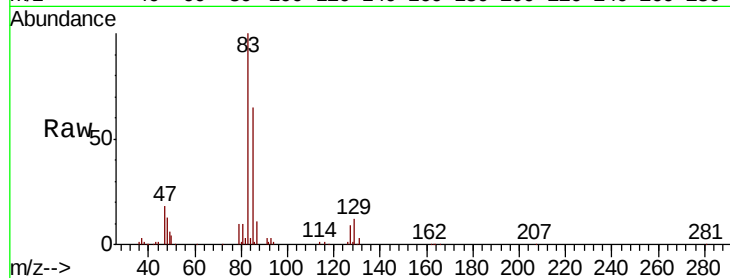
ClientSampleId :

VW1024SBS01

Tot Ion:	83	Resp:	59124
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.8	77.8
127	9.0	6.9	10.3

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#48

Methyl methacrylate

Concen: 20.841 ug/l

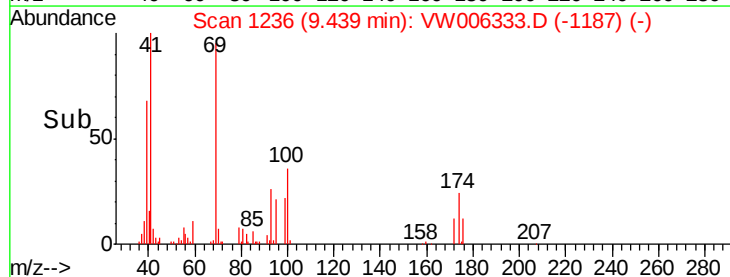
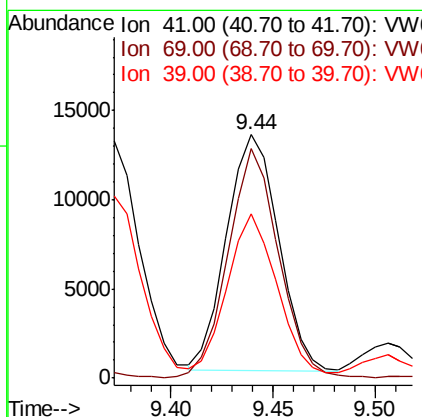
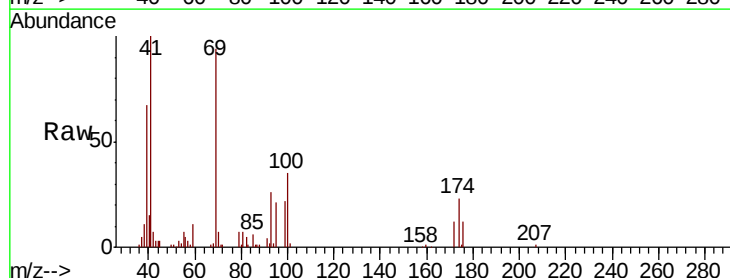
RT: 9.44 min Scan# 1236

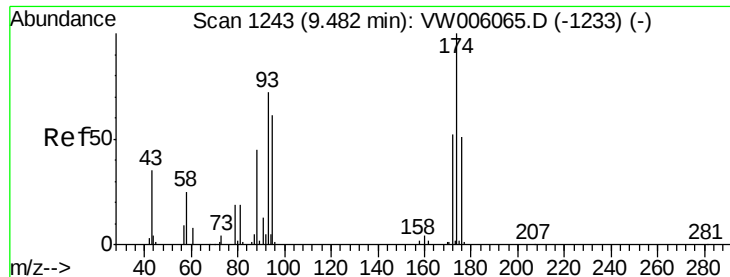
Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	41	Resp:	23337
Ion Ratio	Lower	Upper	
41	100		
69	95.5	71.8	107.8
39	67.7	52.5	78.7





#49

1,4-Dioxane

Concen: 423.631 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

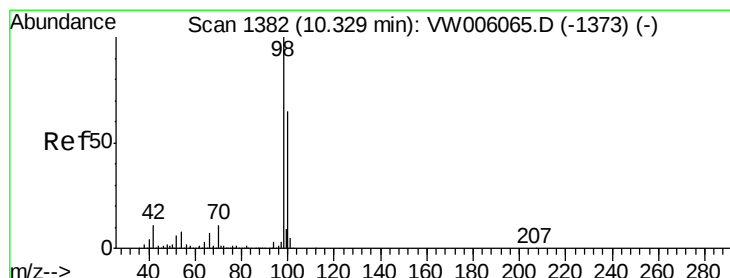
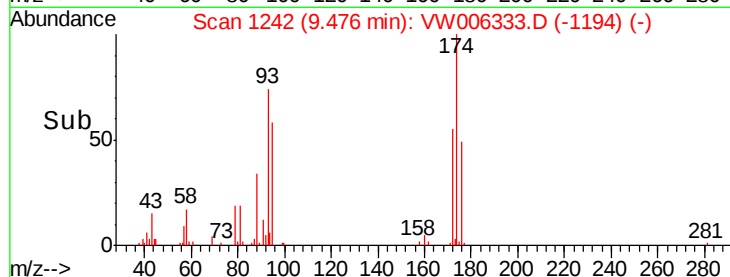
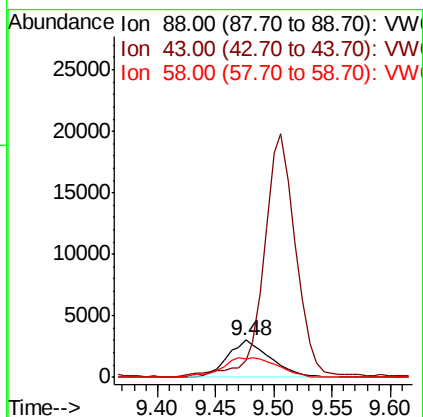
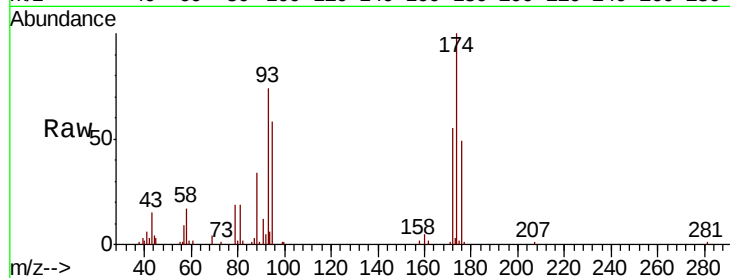
ClientSampleId :

VW1024SBS01

Tot Ion:	88	Resp:	7587
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.9	51.2	76.8

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#50

Toluene-d8

Concen: 48.229 ug/l

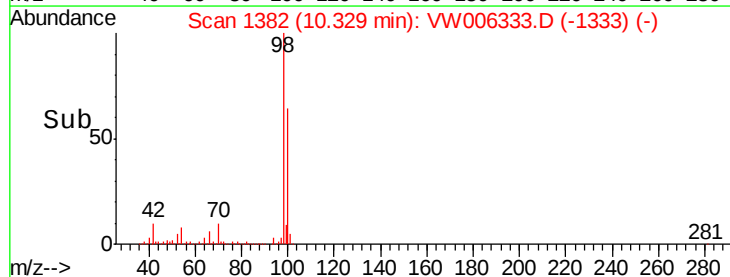
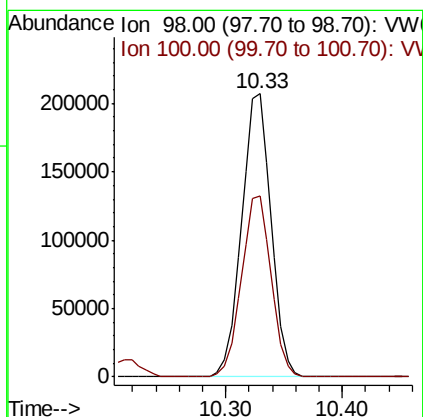
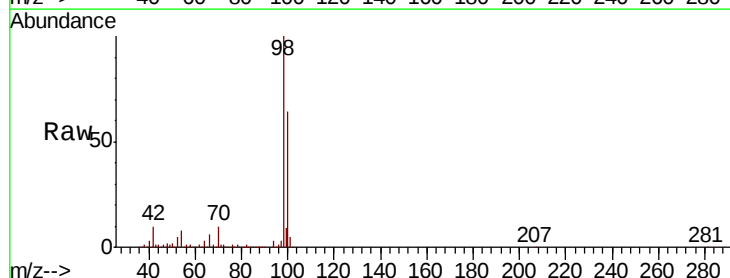
RT: 10.33 min Scan# 1382

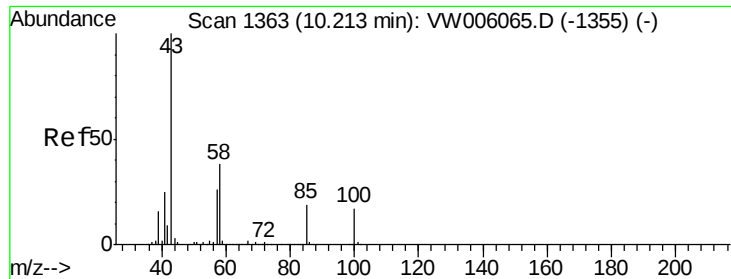
Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	98	Resp:	365783
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





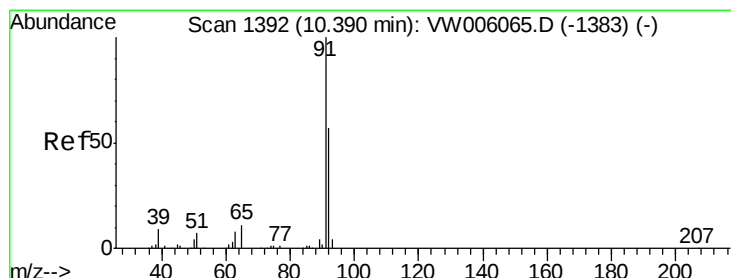
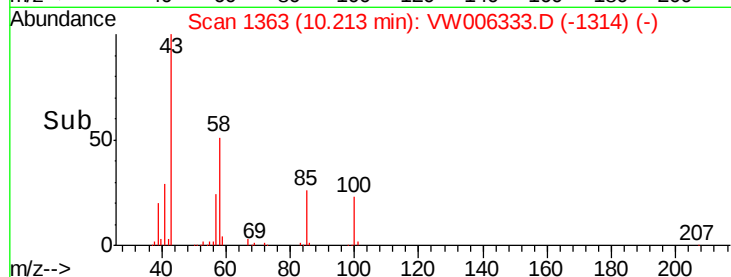
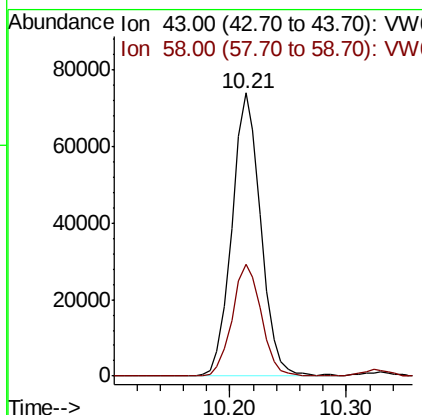
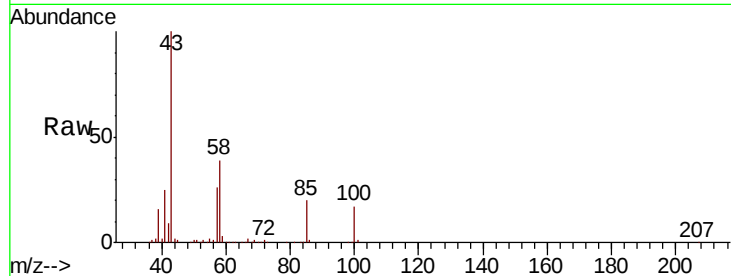
#51
 4-Methyl-2-Pentanone
 Concen: 107.931 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	43	Resp	127745
Ion Ratio	100	Lower	Upper
43	100		
58	39.9	31.5	47.3

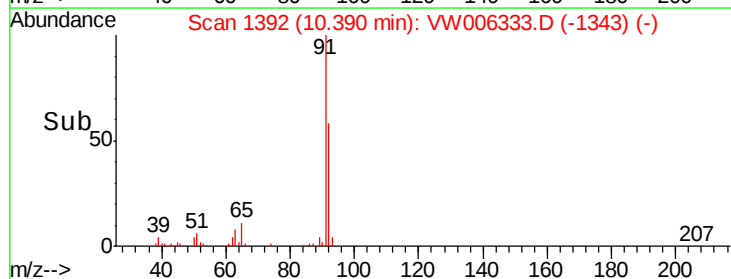
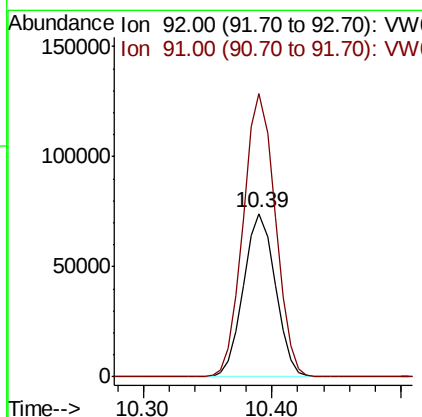
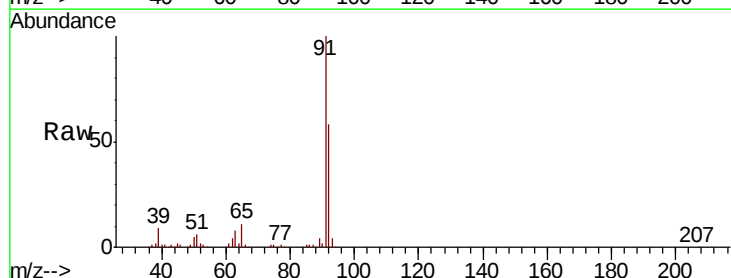
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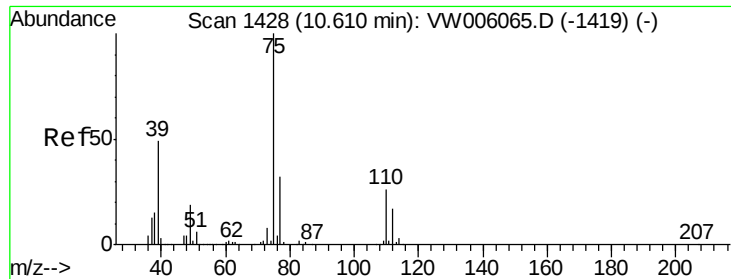
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#52
 Toluene
 Concen: 22.198 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion	92	Resp	126944
Ion Ratio	100	Lower	Upper
92	100		
91	175.0	140.0	210.0





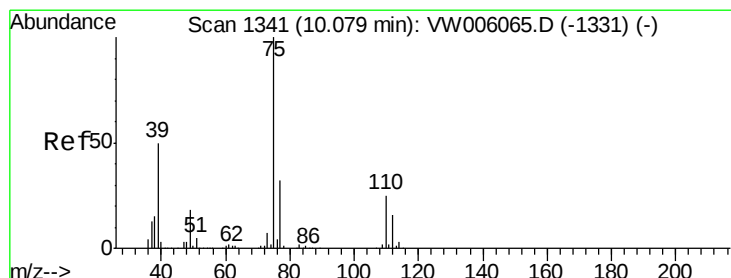
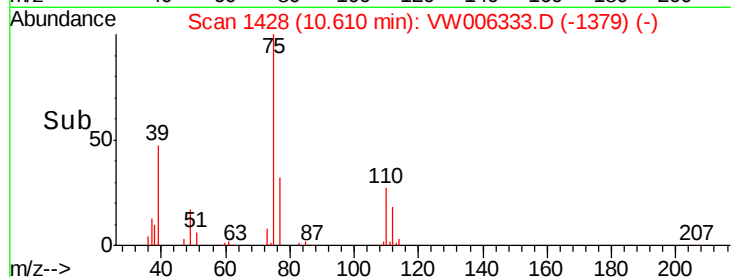
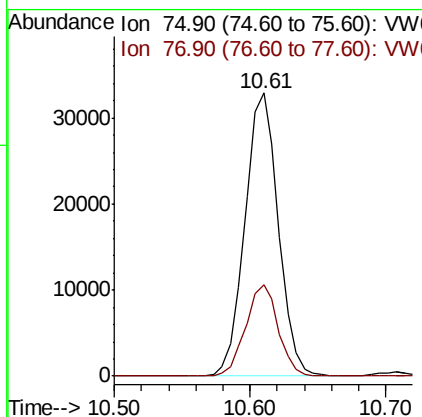
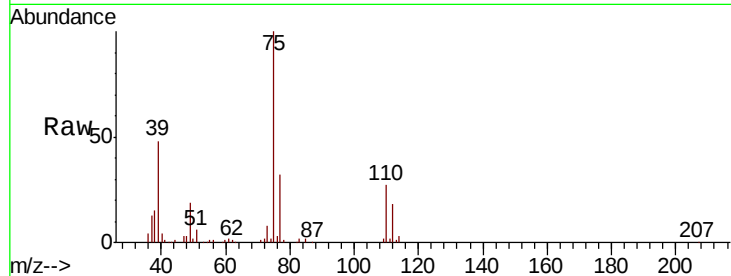
#53
t-1,3-Dichloropropene
Concen: 20.078 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2

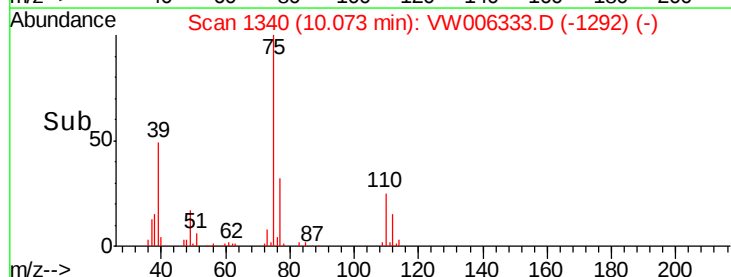
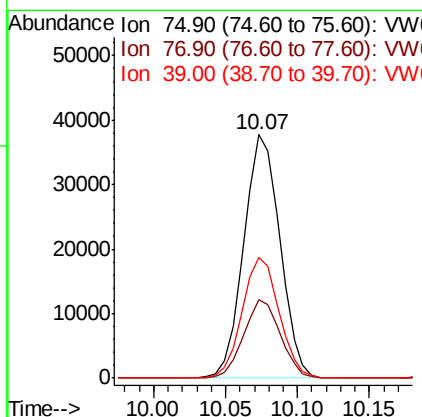
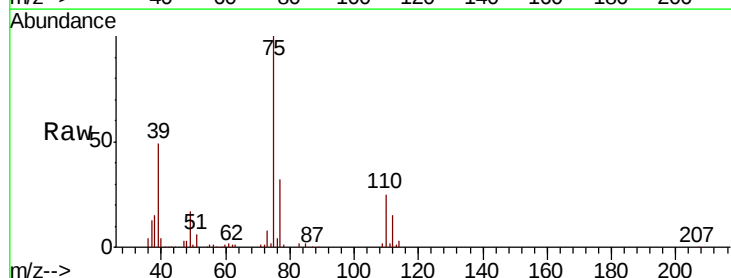
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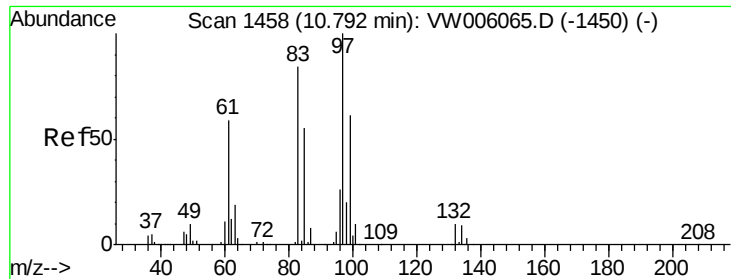
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#54
cis-1,3-Dichloropropene
Concen: 20.367 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8
39	49.4	39.9	59.9





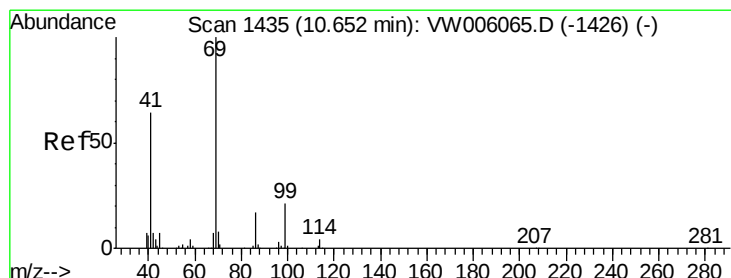
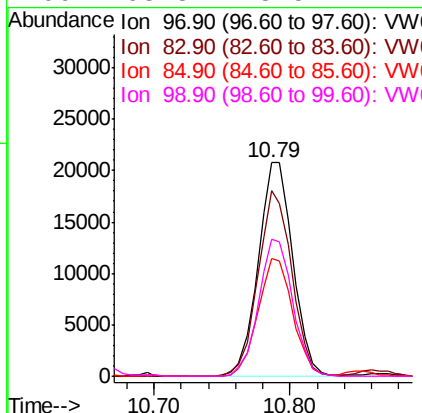
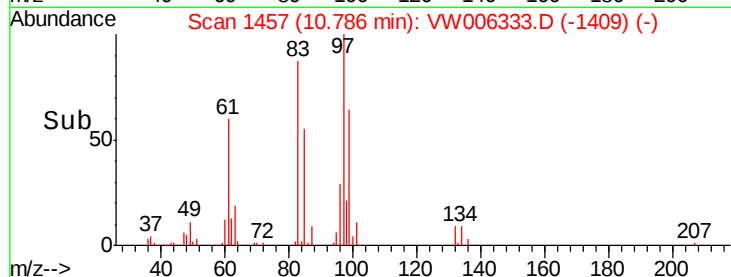
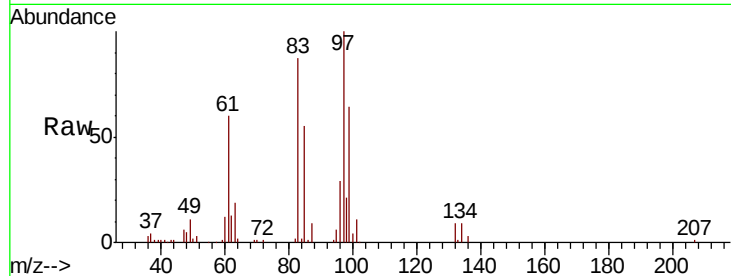
#55
 1,1,2-Trichloroethane
 Concen: 22.829 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion:	97	Resp:	37165
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.2	100.8
85	55.0	43.7	65.5
99	63.8	48.5	72.7

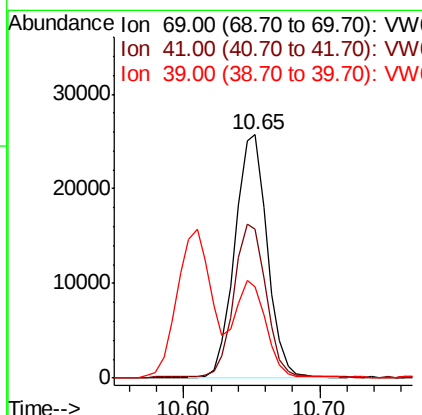
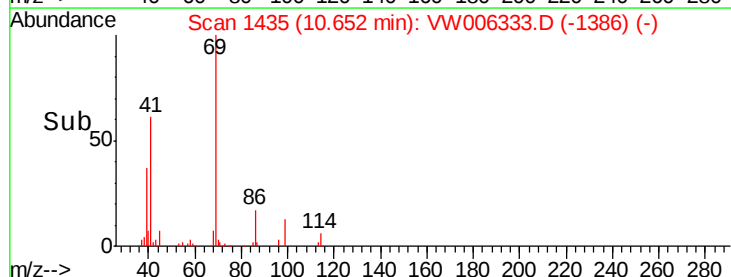
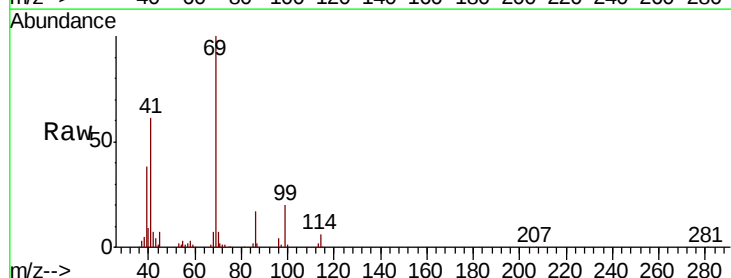
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#56
 Ethyl methacrylate
 Concen: 21.469 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion:	69	Resp:	42848
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.8	79.2
39	38.2	30.6	45.8





#57

1,3-Dichloropropane

Concen: 22.529 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion: 76 Resp: 60715

Ion Ratio Lower Upper

76 100

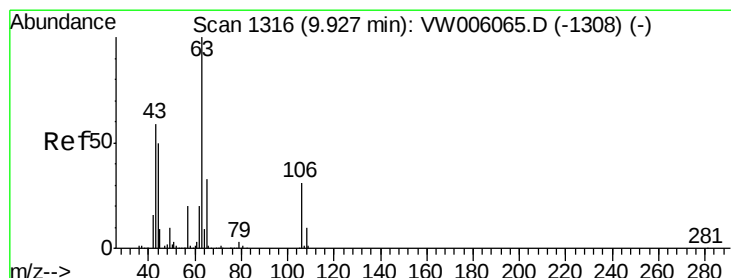
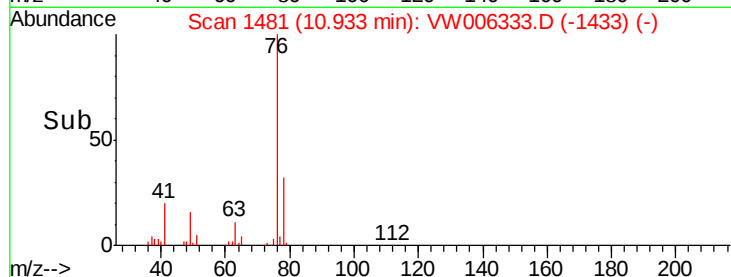
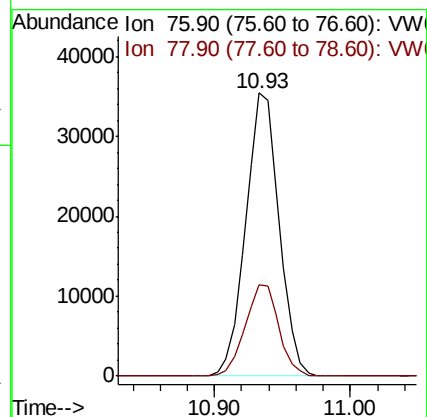
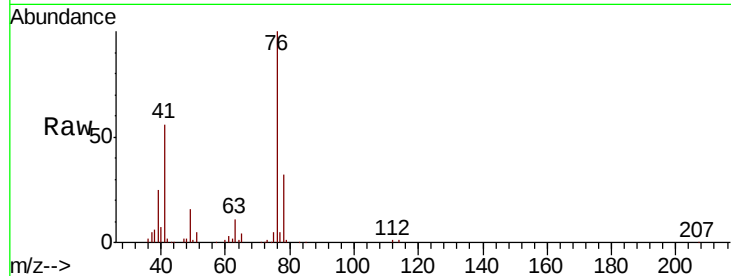
78 32.6 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 109.904 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006333.D

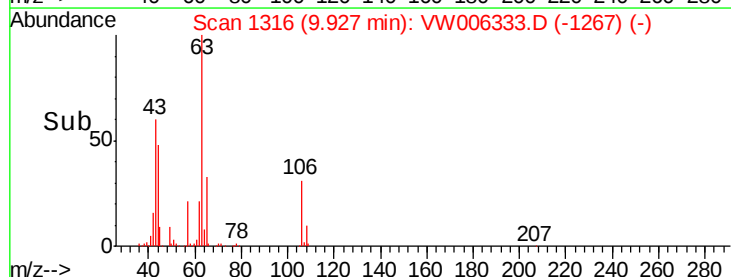
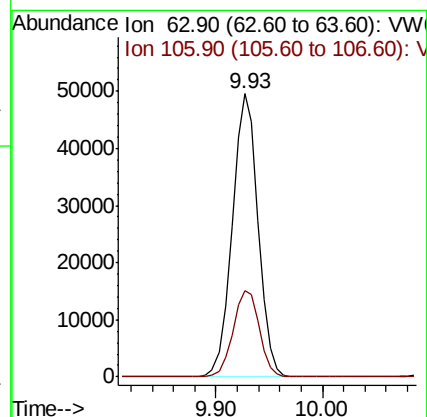
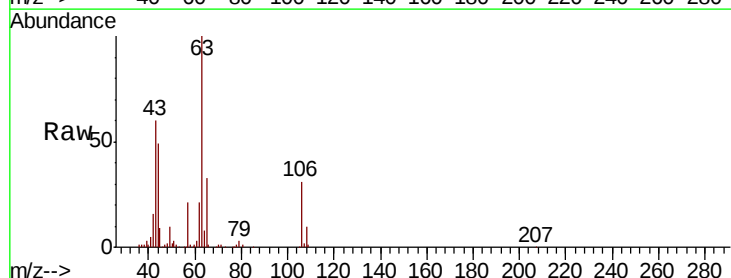
Acq: 24 Oct 2018 23:45

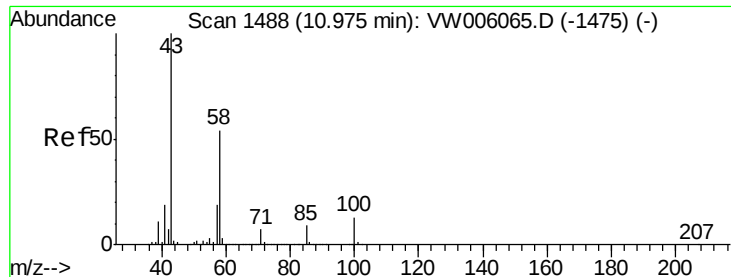
Tgt Ion: 63 Resp: 83814

Ion Ratio Lower Upper

63 100

106 31.0 24.5 36.7





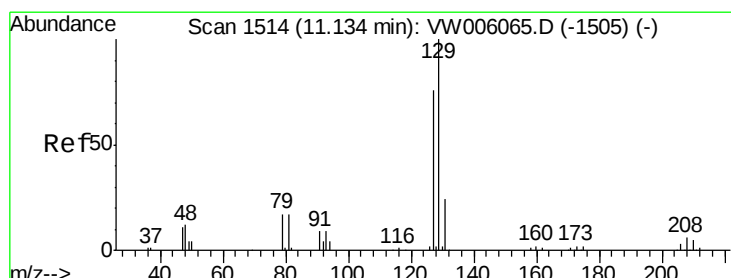
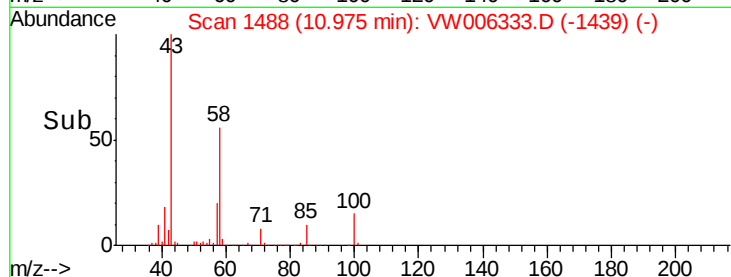
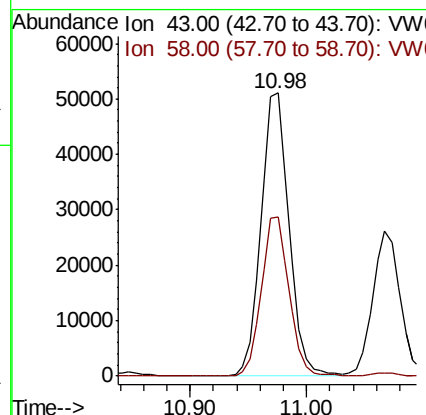
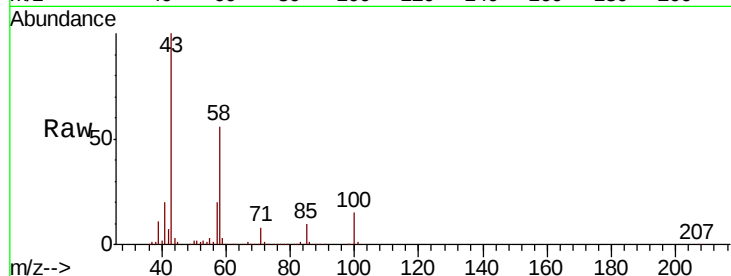
#59
2-Hexanone
Concen: 101.554 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	43	Resp	85801
Ion Ratio	100	Lower	Upper
43	100		
58	55.6	26.9	80.6

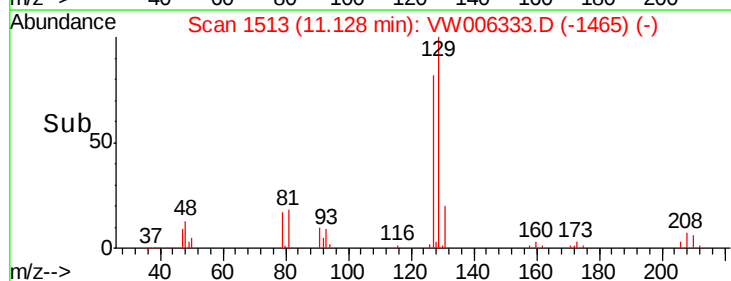
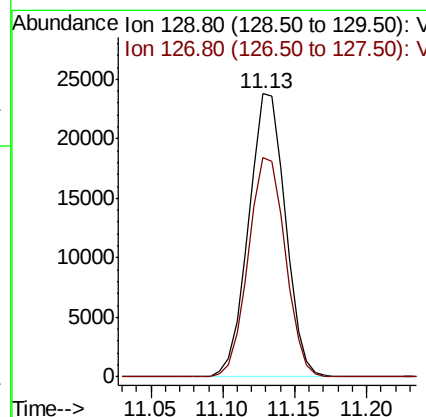
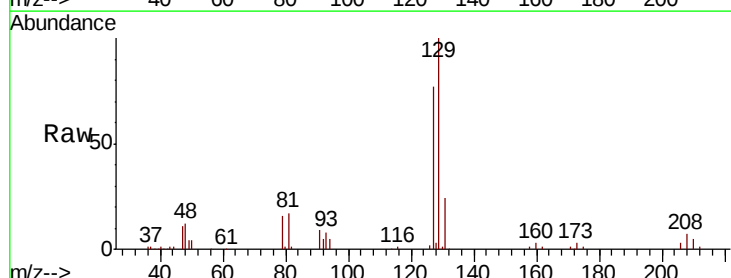
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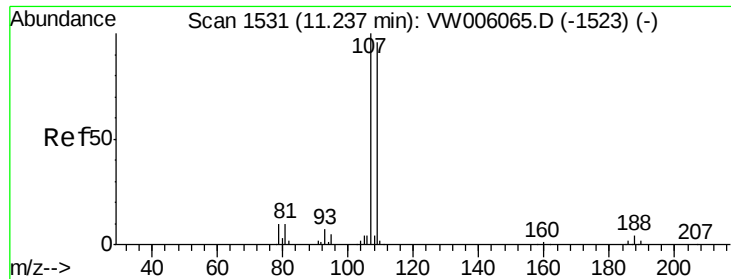
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#60
Dibromochloromethane
Concen: 20.665 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	129	Resp	41904	
Ion Ratio	129	100	Lower	Upper
129	100			
127	77.9	38.6	115.7	





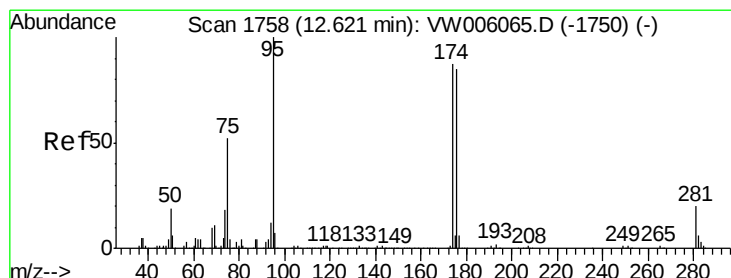
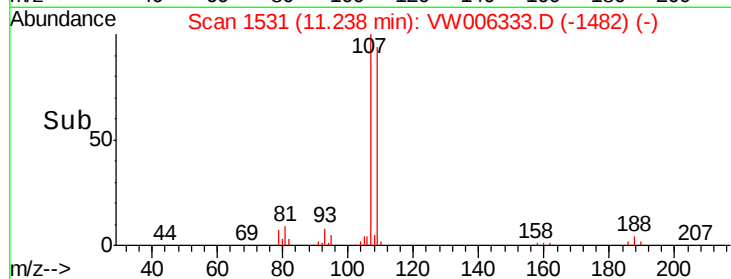
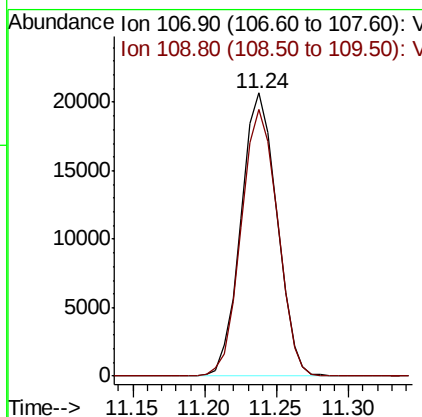
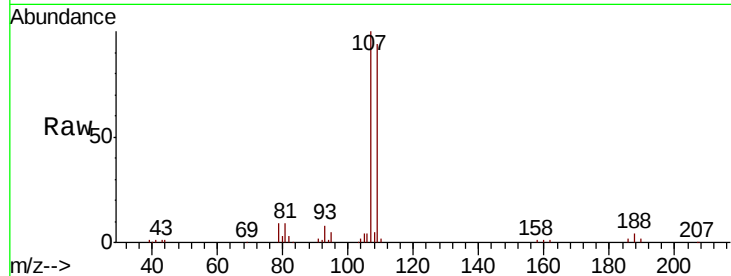
#61
 1,2-Dibromoethane
 Concen: 22.060 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	76.3	114.5

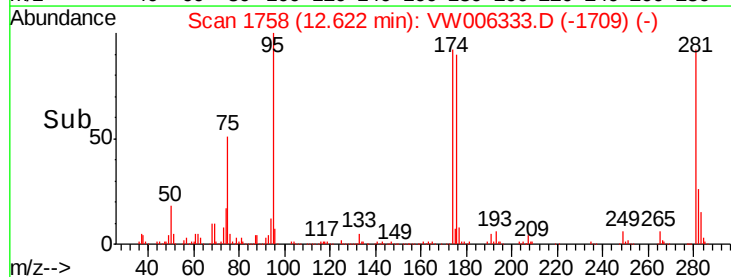
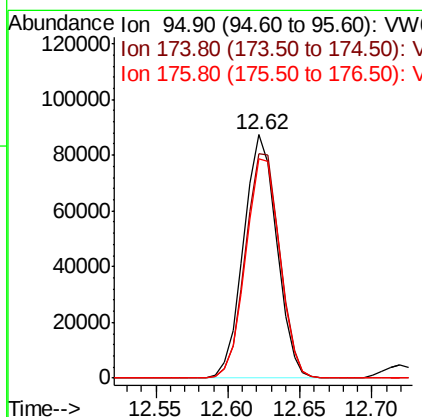
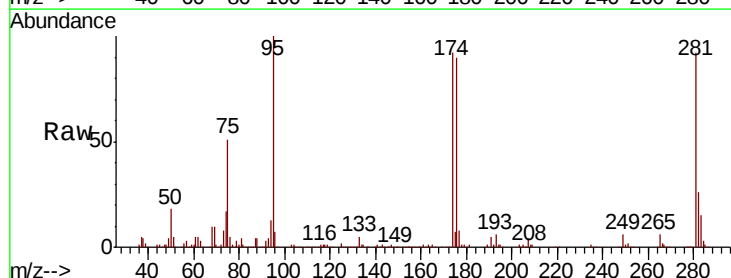
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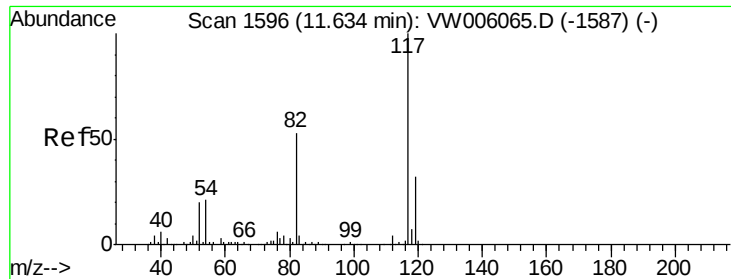
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.886 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.4	0.0	186.0
176	92.3	0.0	181.6





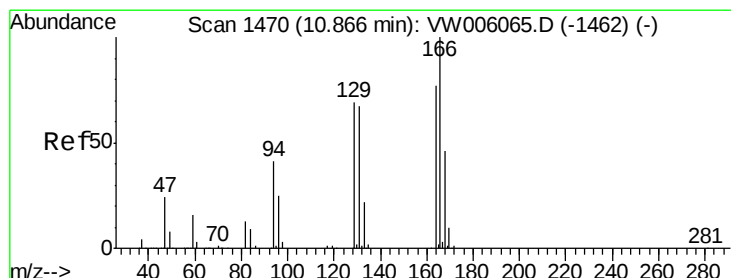
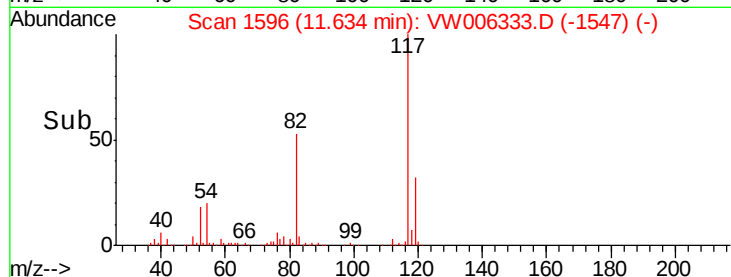
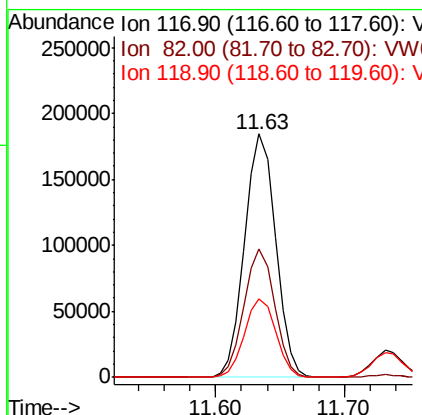
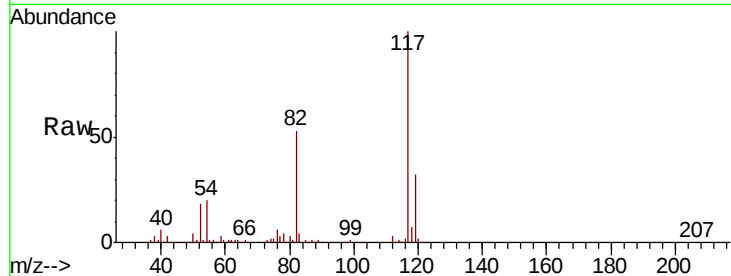
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.1	63.1
119	32.2	25.8	38.6

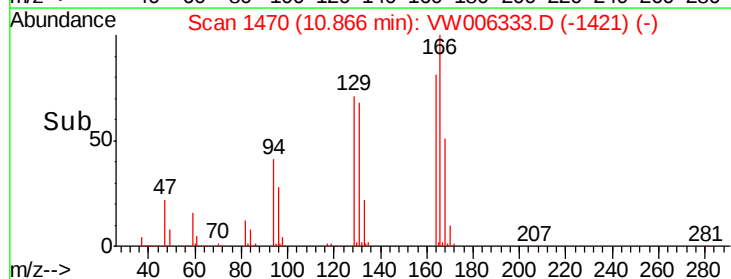
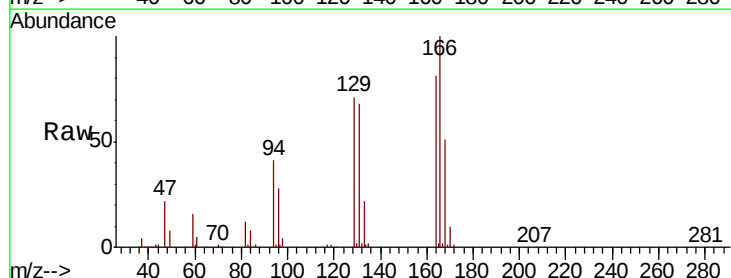
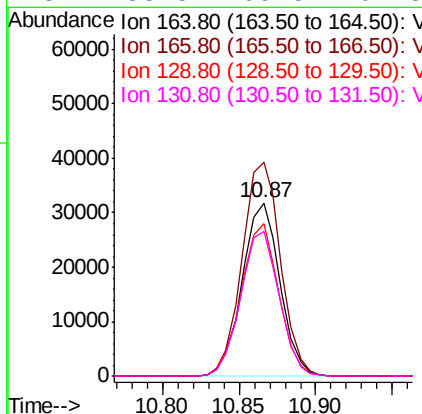
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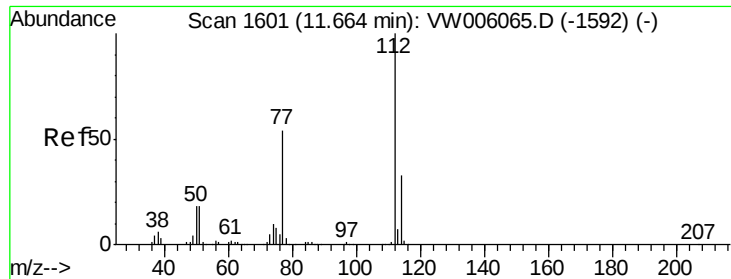
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#64
Tetrachloroethene
Concen: 22.679 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	103.4	155.0
129	87.8	71.8	107.8
131	83.5	69.5	104.3





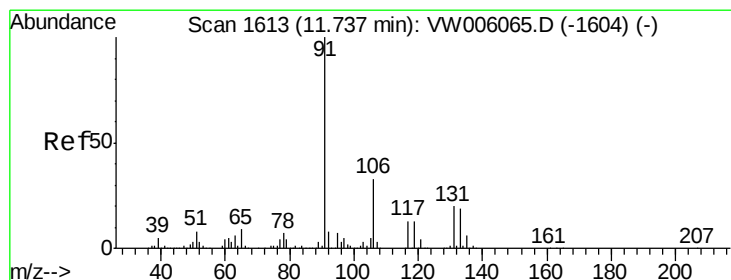
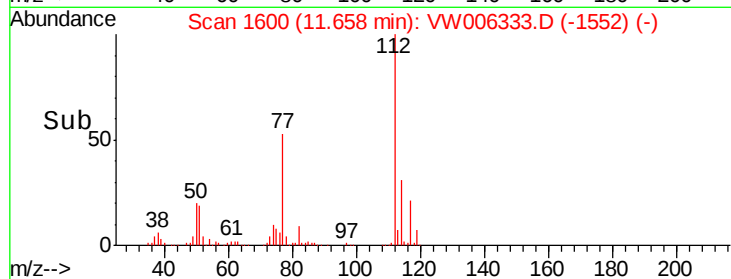
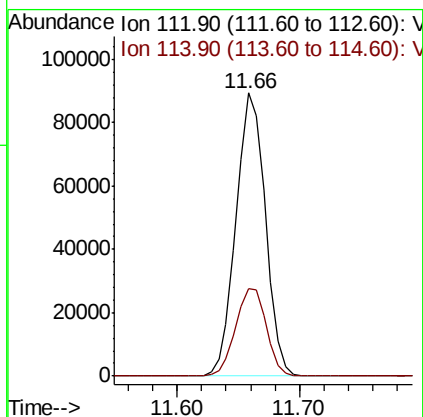
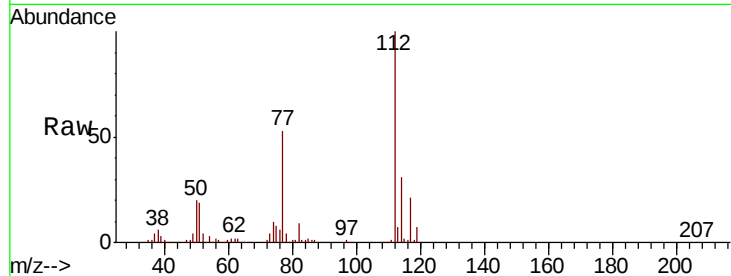
#65
Chlorobenzene
Concen: 22.514 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	26.2	39.2

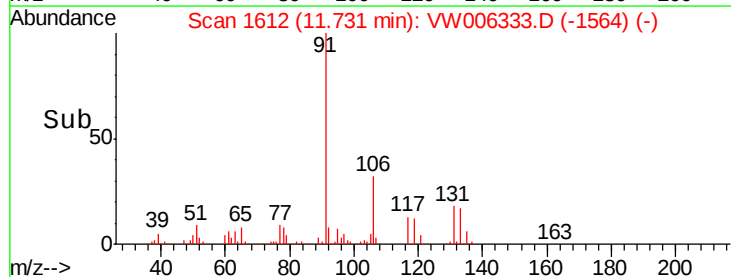
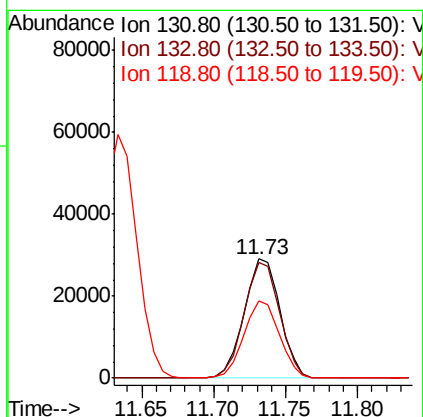
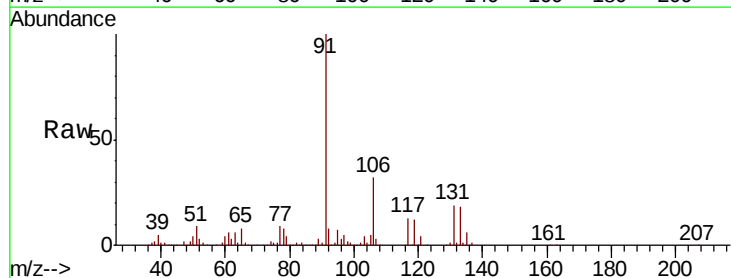
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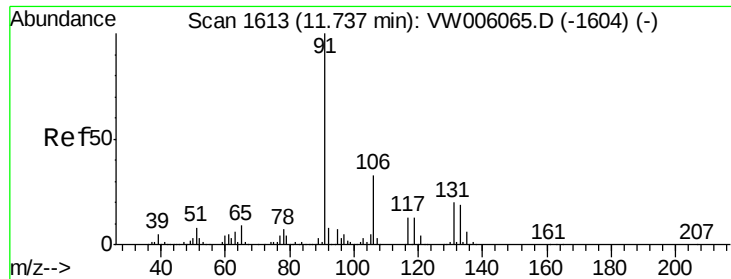
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.409 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.1	144.3
119	64.2	31.6	94.7





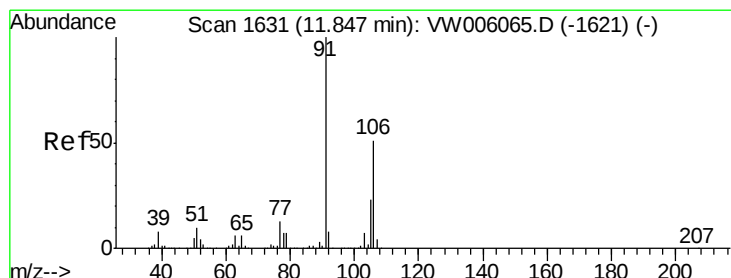
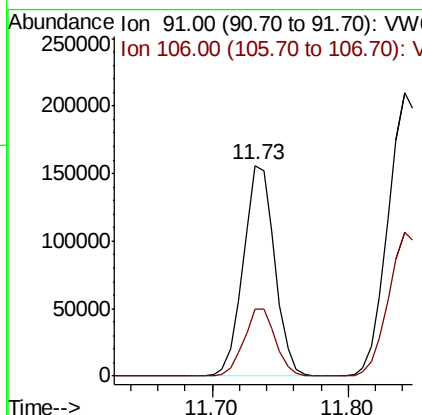
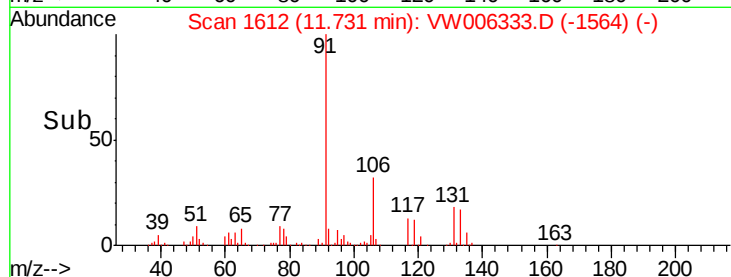
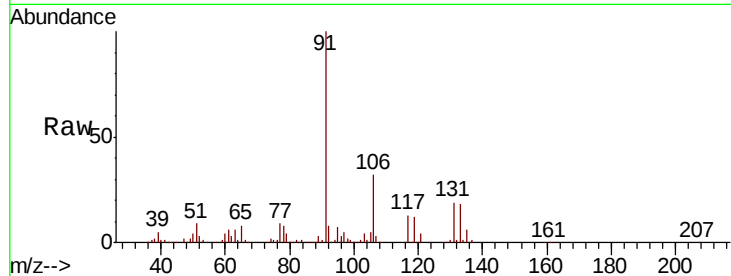
#67
Ethyl Benzene
Concen: 22.013 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion: 91 Resp: 251477
Ion Ratio Lower Upper
91 100
106 31.8 26.1 39.1

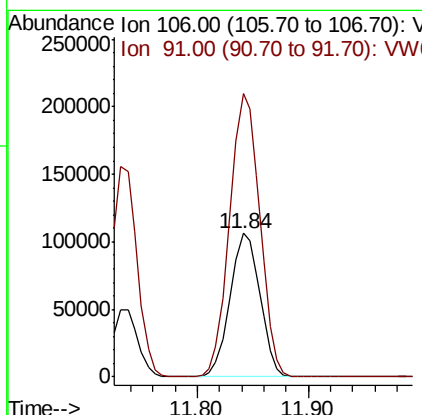
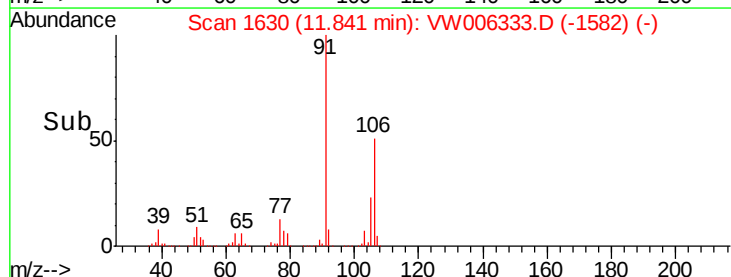
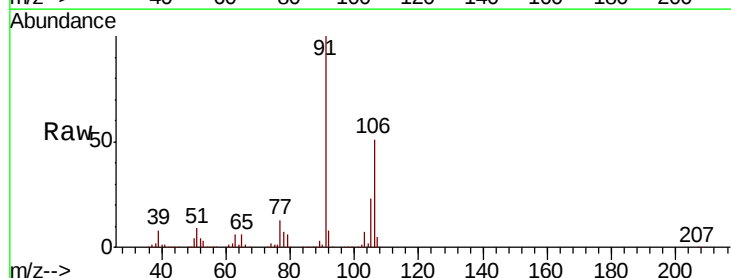
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#68
m/p-Xylenes
Concen: 43.947 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion: 106 Resp: 198440
Ion Ratio Lower Upper
106 100
91 198.6 159.1 238.7





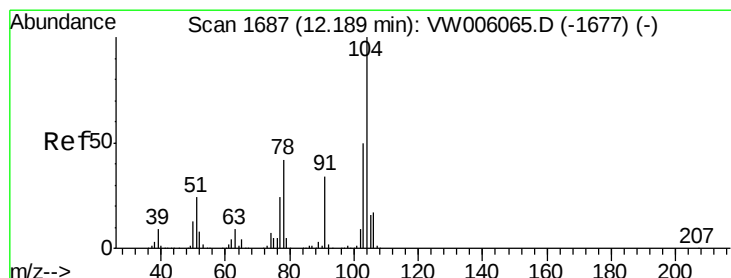
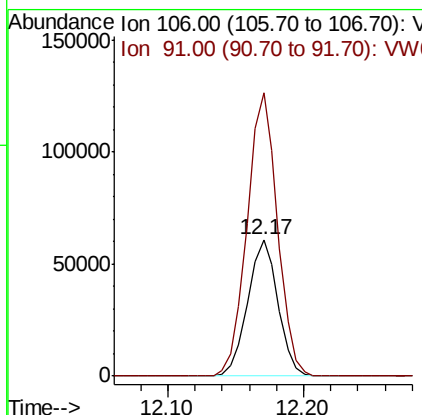
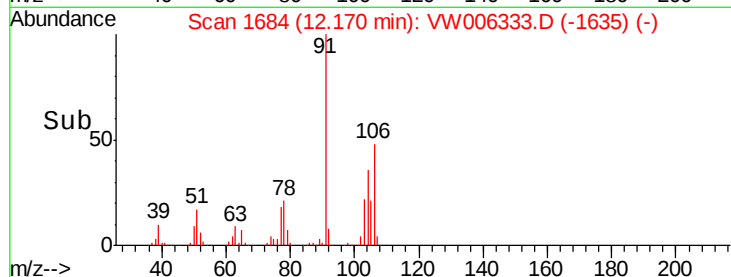
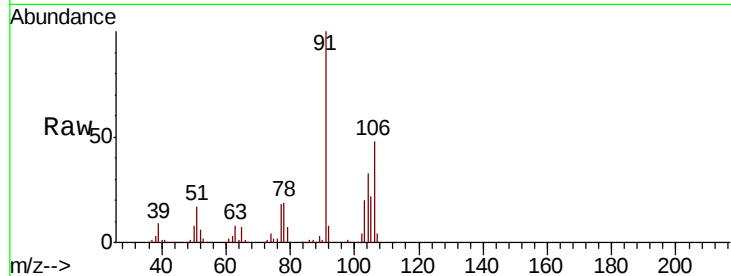
#69
o-Xylene
Concen: 21.995 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion:106 Resp: 94652
Ion Ratio Lower Upper
106 100
91 208.6 105.4 316.1

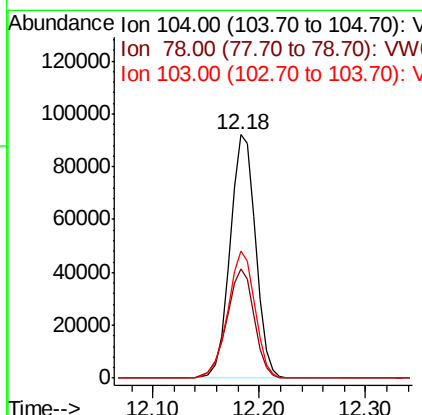
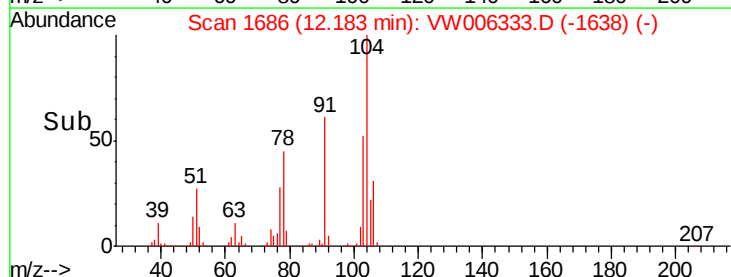
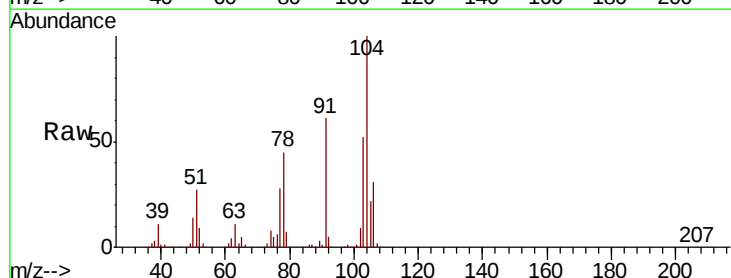
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#70
Styrene
Concen: 22.084 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion:104 Resp: 154538
Ion Ratio Lower Upper
104 100
78 48.1 39.1 58.7
103 55.5 44.3 66.5





#71

Bromoform

Concen: 19.460 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

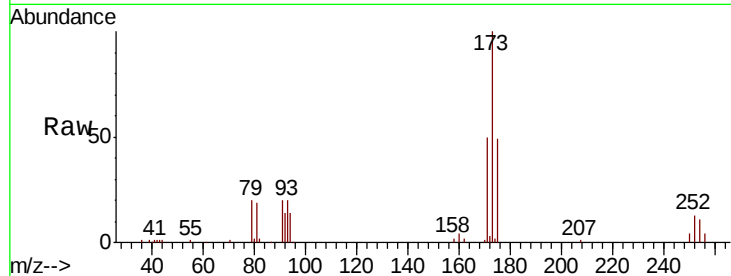
ClientSampleId :

VW1024SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.0	0.1	0.1#

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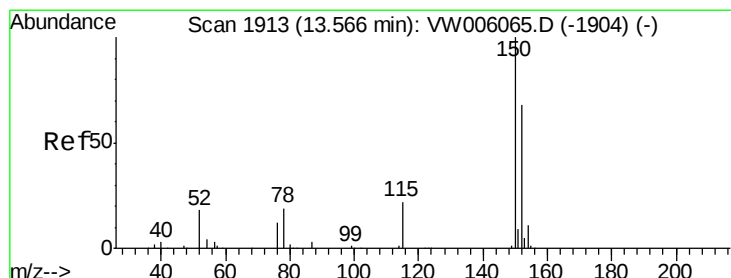
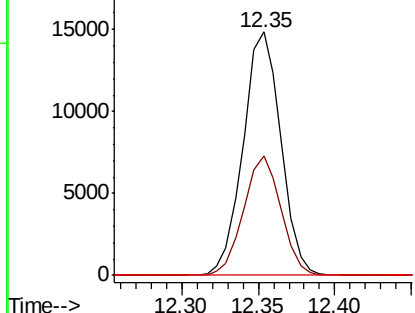
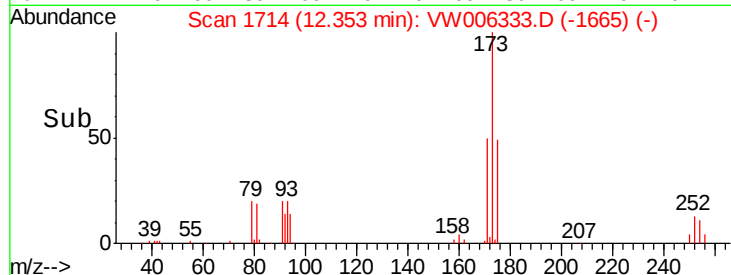


Abundance

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

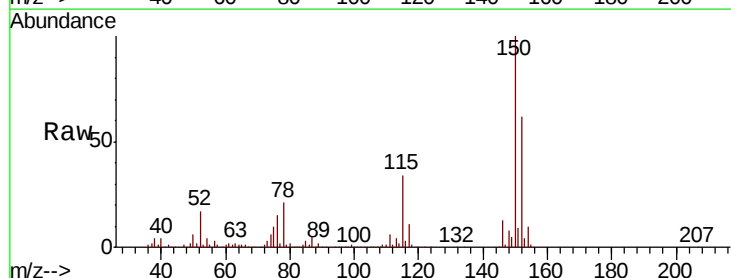
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.3
150	166.1	0.0	349.2

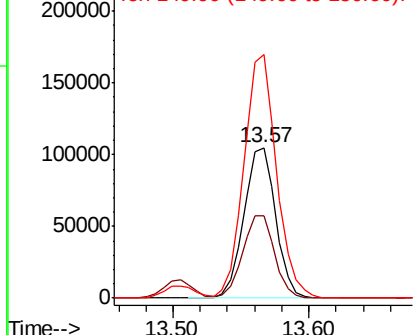
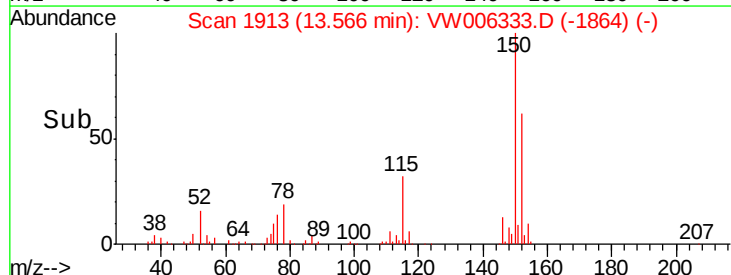


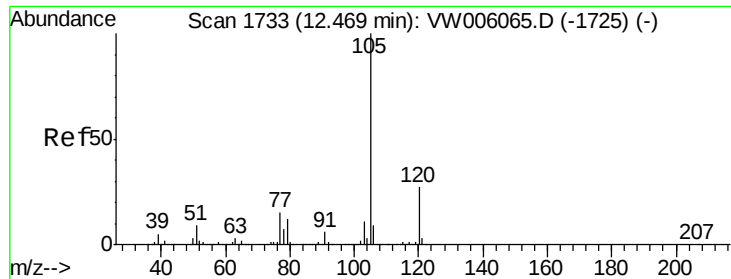
Abundance

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





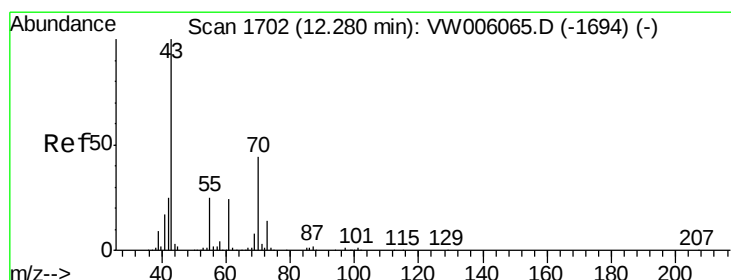
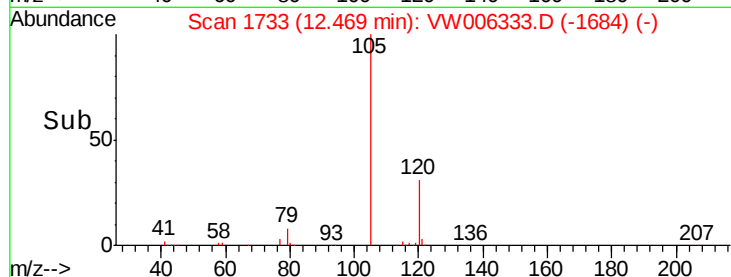
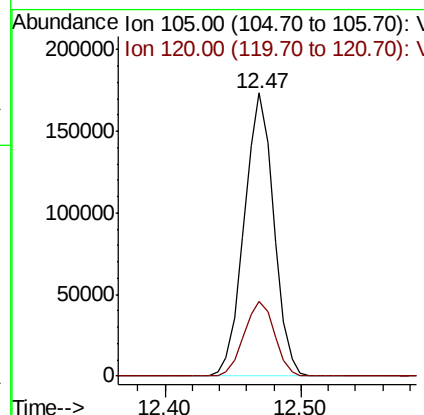
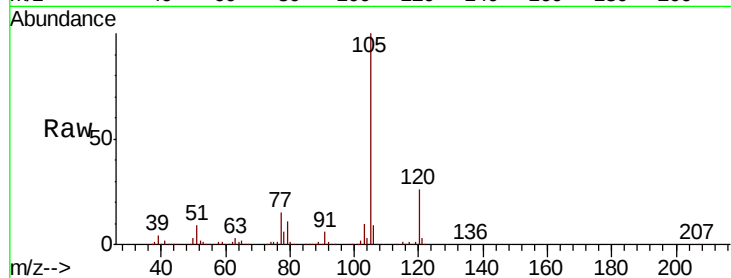
#73
Isopropylbenzene
Concen: 21.835 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	263842		
120	27.1	13.6	40.7	

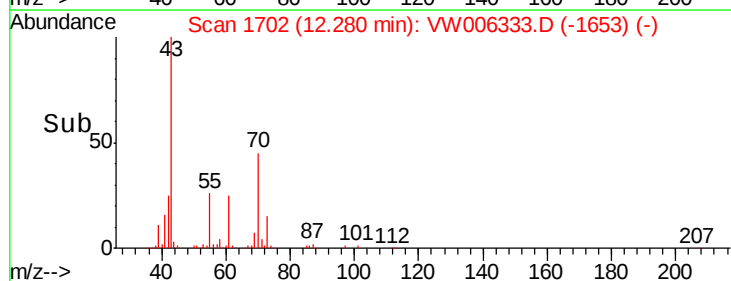
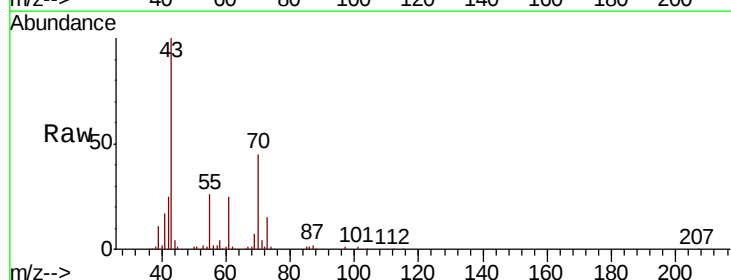
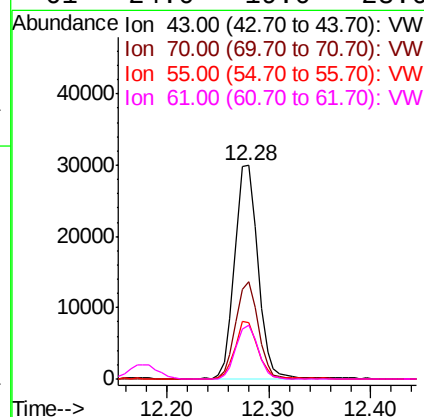
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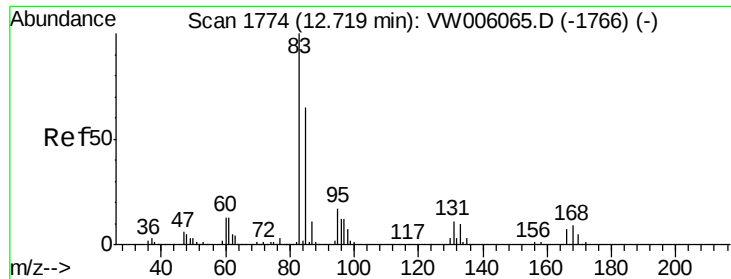
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#74
N-ethyl acetate
Concen: 20.289 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	47617		
70	43.5	34.2	51.4	
55	26.3	19.2	28.8	
61	24.0	19.0	28.6	





#75

1,1,2,2-Tetrachloroethane

Concen: 23.158 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

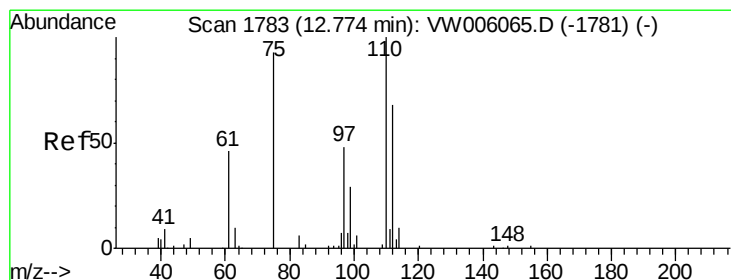
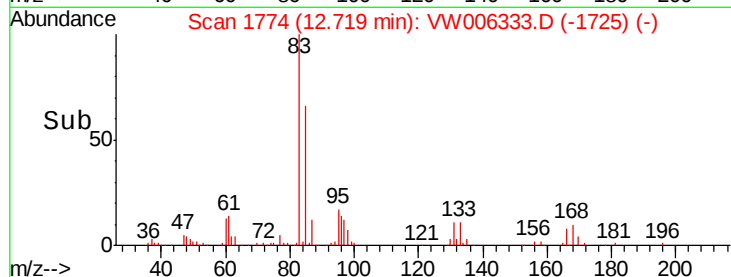
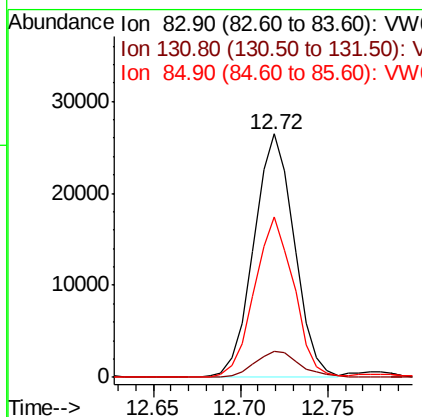
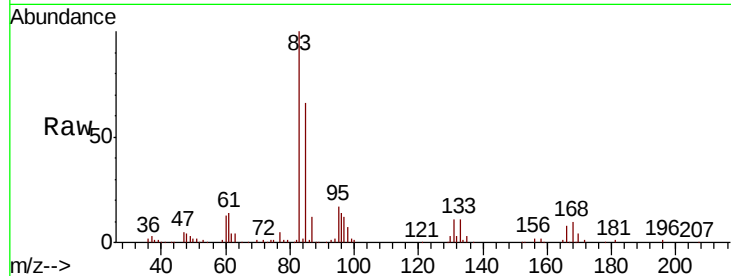
ClientSampleId :

VW1024SBS01

Tot Ion:	83	Resp:	42561
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	64.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.085 ug/l m

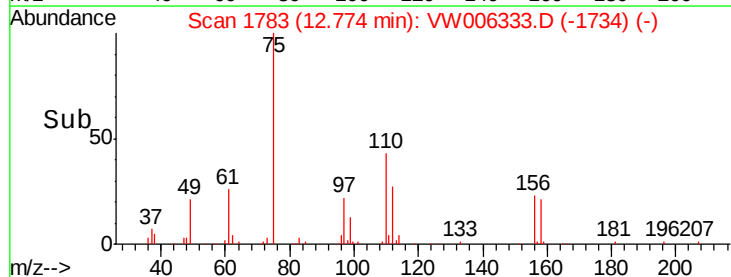
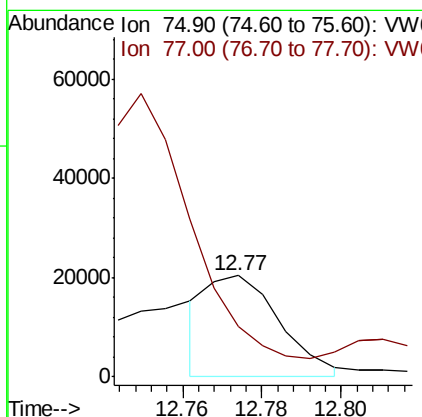
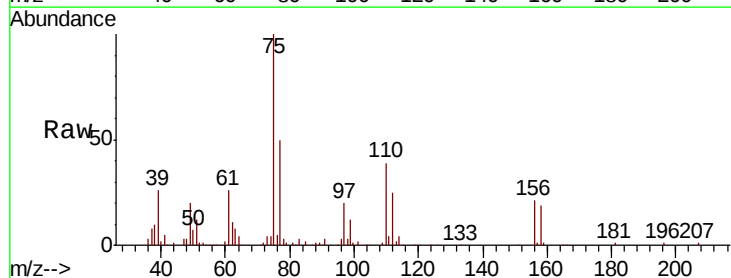
RT: 12.77 min Scan# 1783

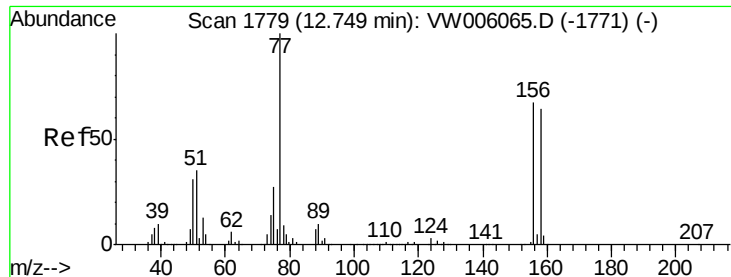
Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion:	75	Resp:	26240
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.427 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

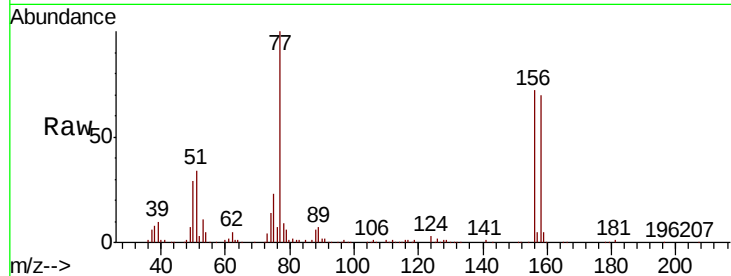
ClientSampleId :

VW1024SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	156.6	79.1	237.4	
158	98.0	48.5	145.6	

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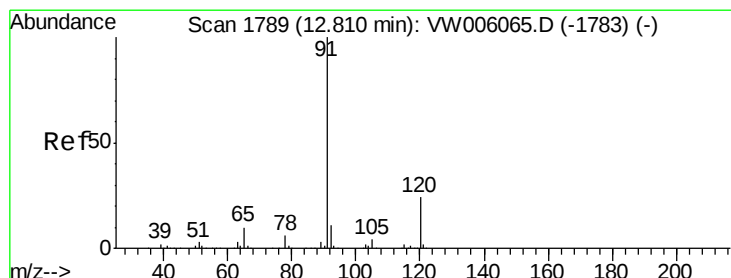
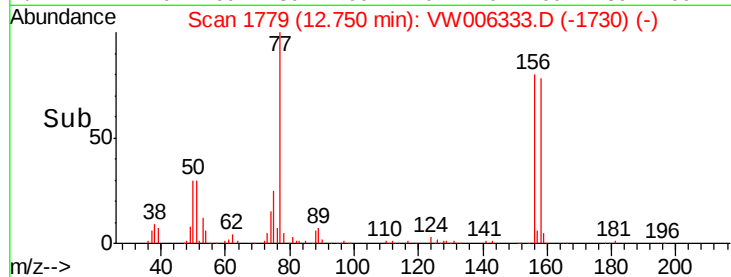
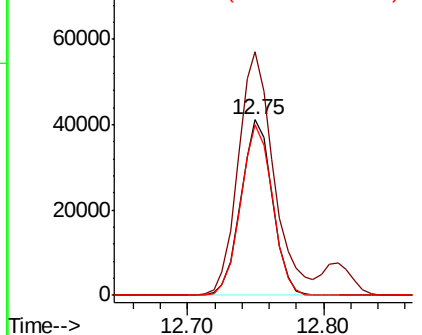
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.040 ug/l

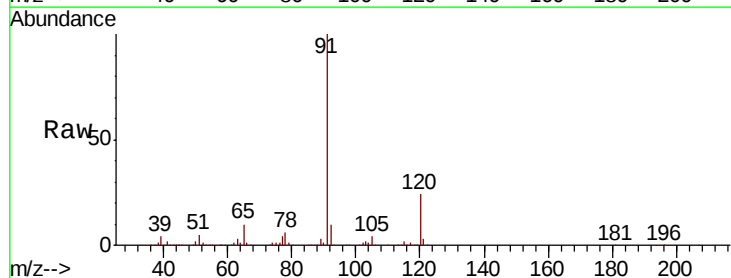
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006333.D

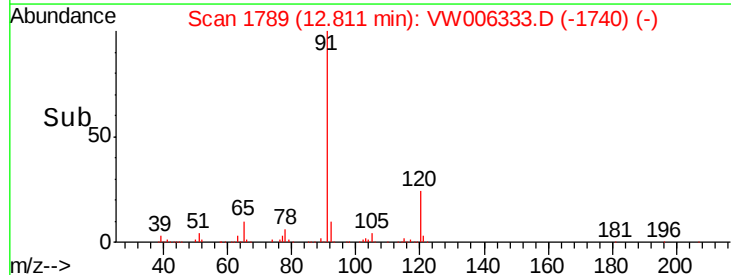
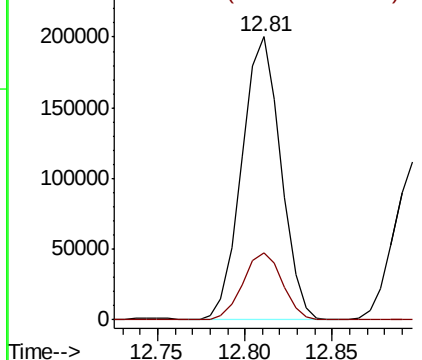
Acq: 24 Oct 2018 23:45

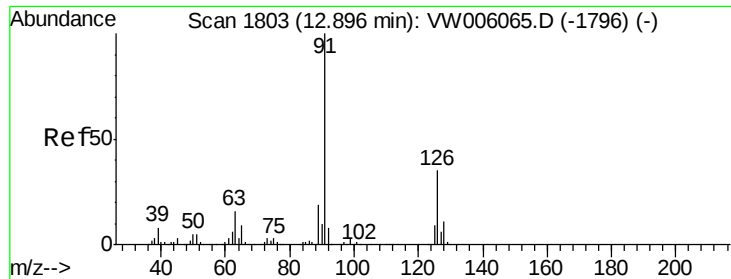
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.2	12.2	36.6	



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





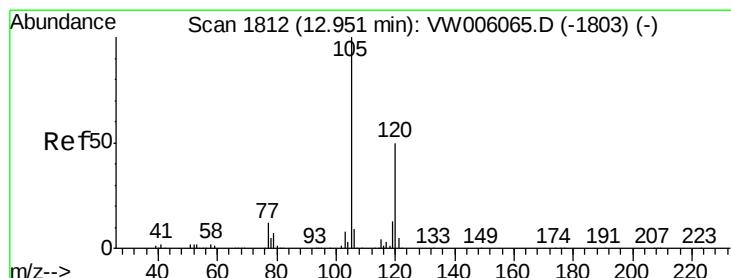
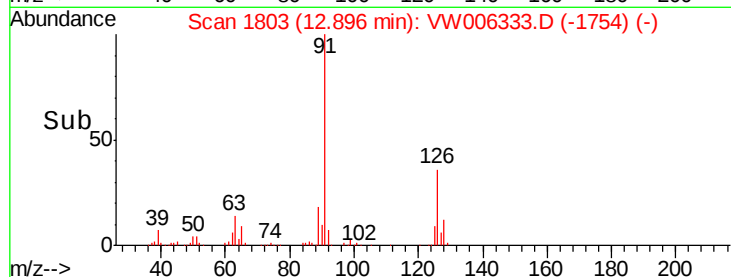
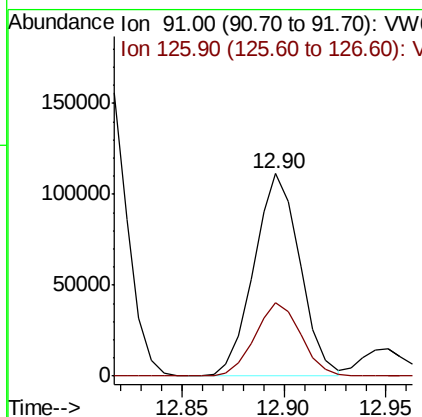
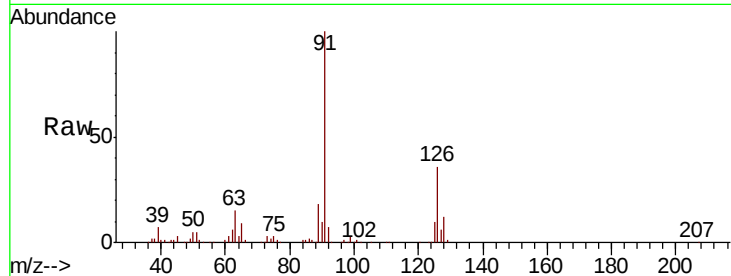
#79
 2-Chlorotoluene
 Concen: 22.138 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion: 91 Resp: 174865
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.8

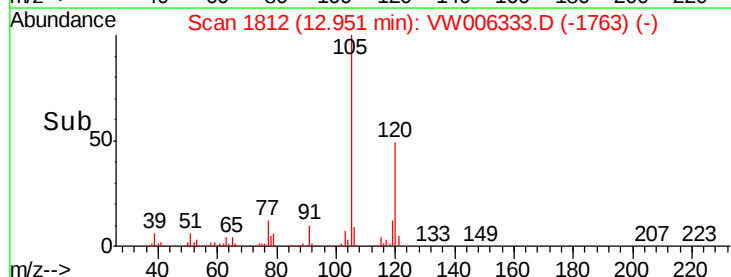
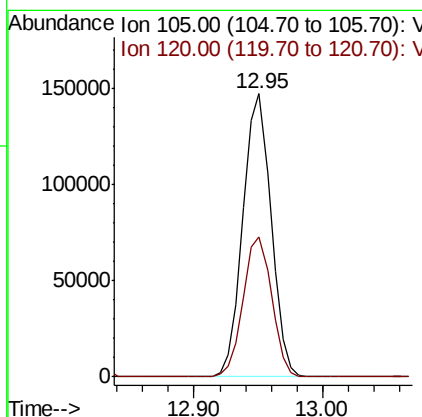
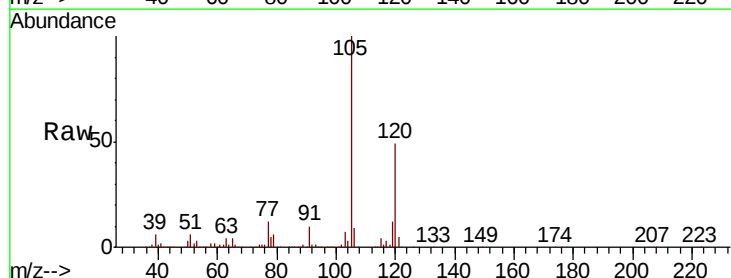
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.851 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion:105 Resp: 222590
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





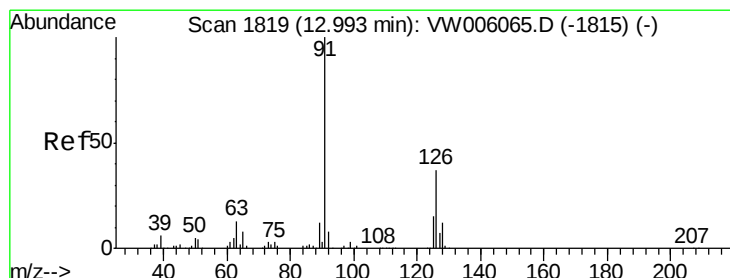
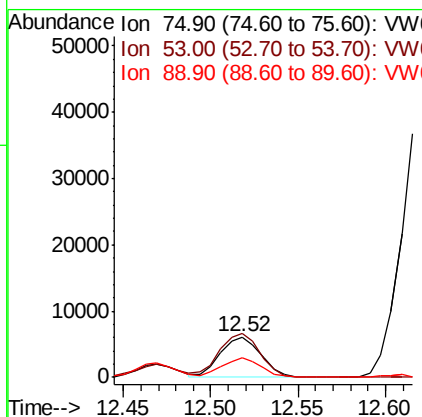
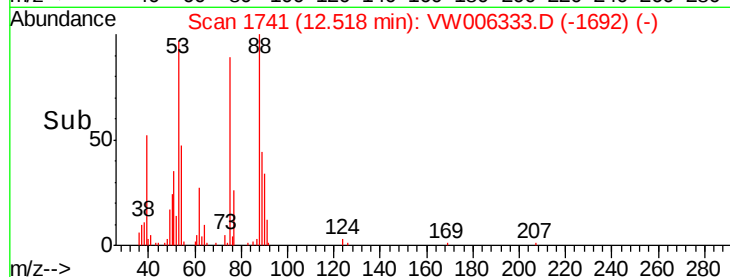
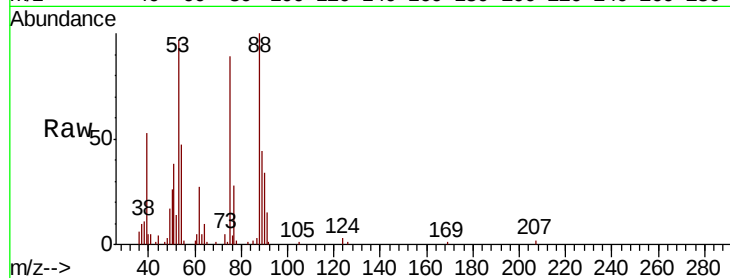
#81
trans-1,4-Dichloro-2-butene
Concen: 18.027 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.2	79.8	119.6
89	45.6	37.5	56.3

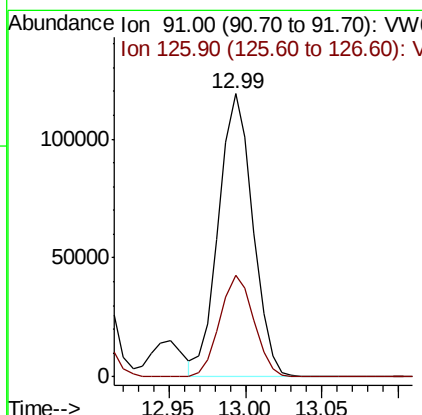
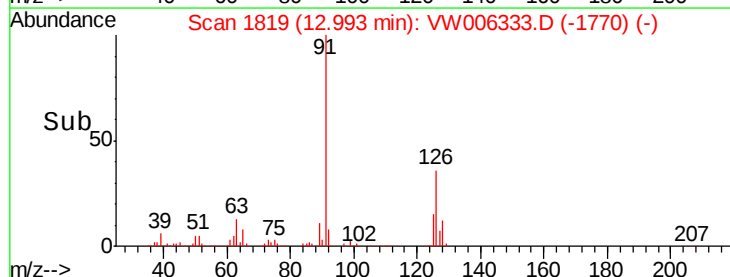
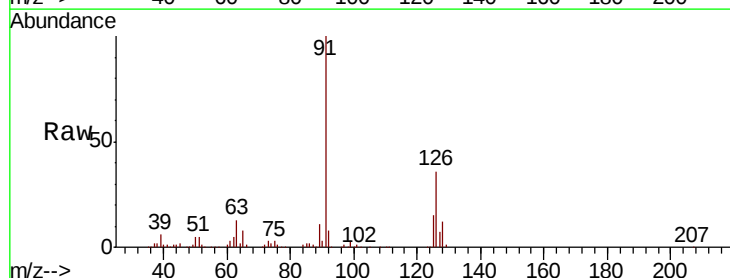
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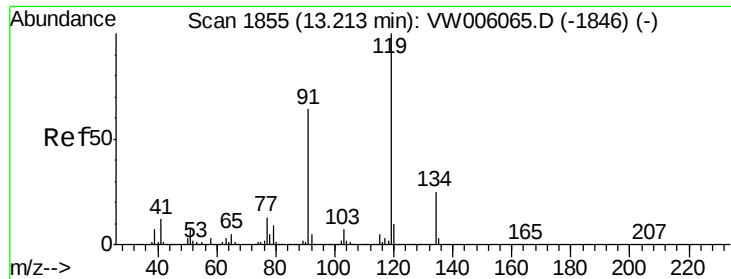
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#82
4-Chlorotoluene
Concen: 22.382 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.1	54.3





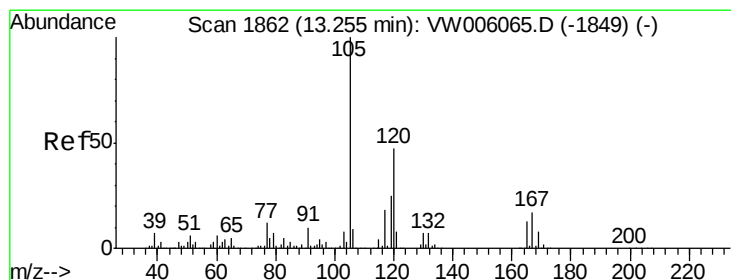
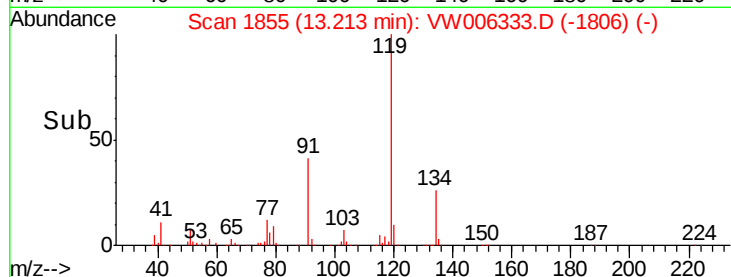
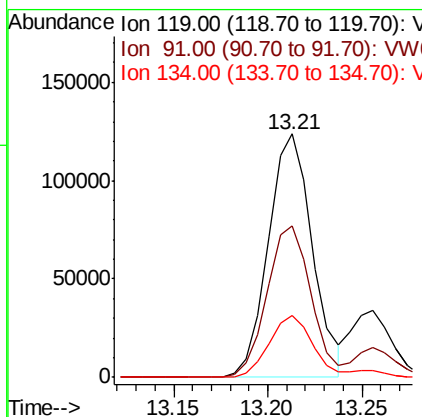
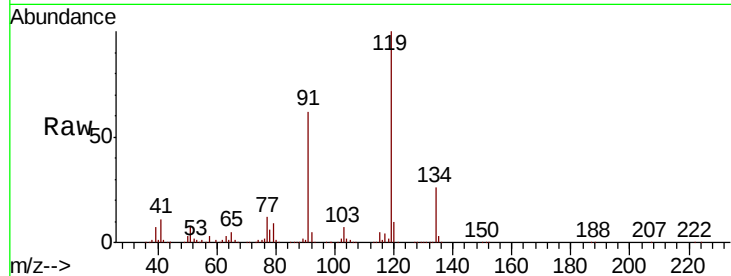
#83
tert-Butylbenzene
Concen: 22.009 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	32.3	96.9
134	25.2	13.6	40.8

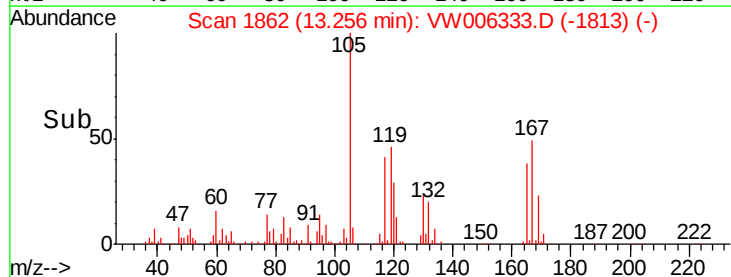
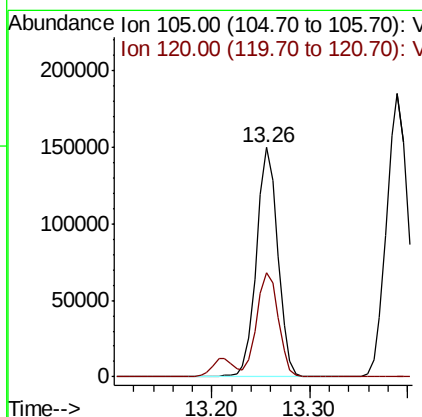
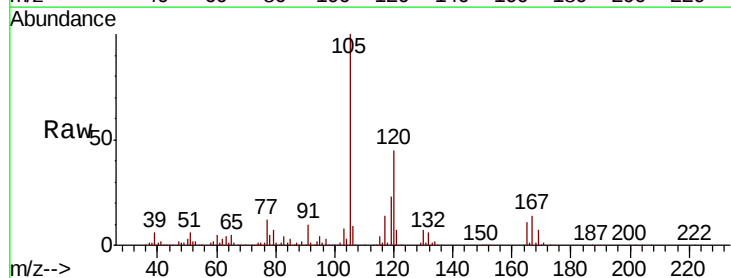
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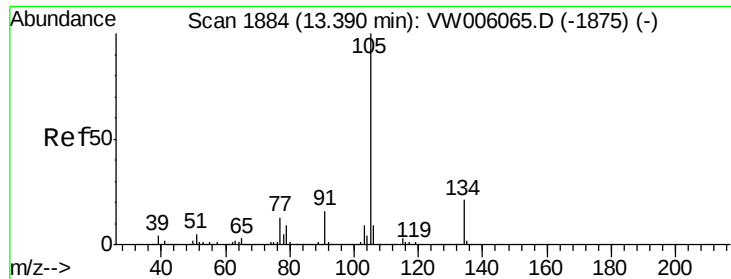
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#84
1,2,4-Trimethylbenzene
Concen: 22.172 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.934 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

VW1024SBS01

Tot Ion:105 Resp: 282414

Ion Ratio Lower Upper

105 100

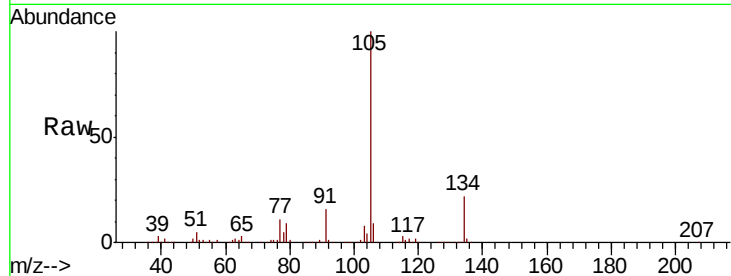
134 21.2 10.5 31.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

200000

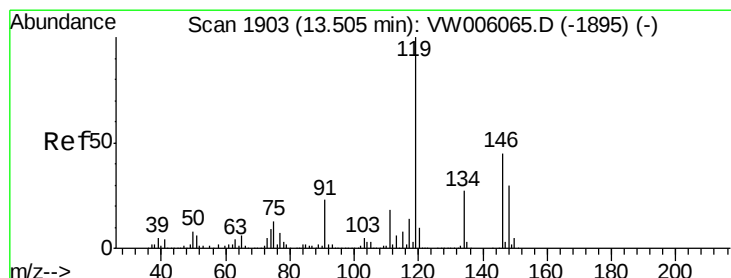
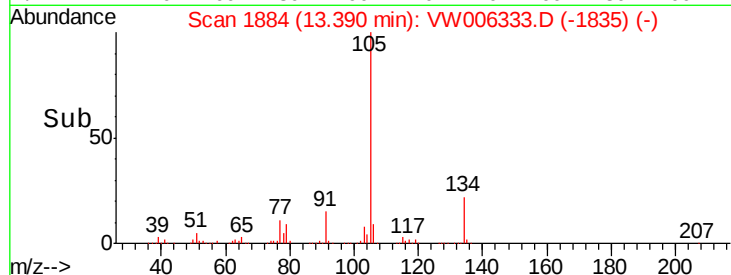
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.758 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

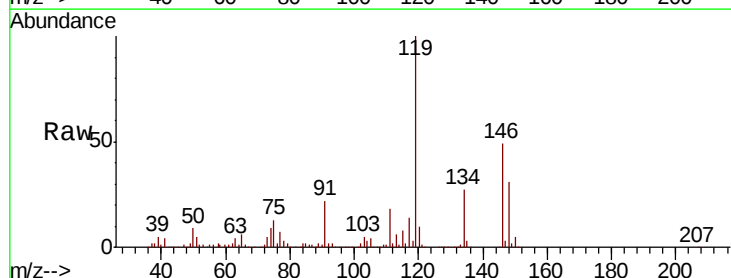
Tgt Ion:119 Resp: 253401

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.7 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

200000

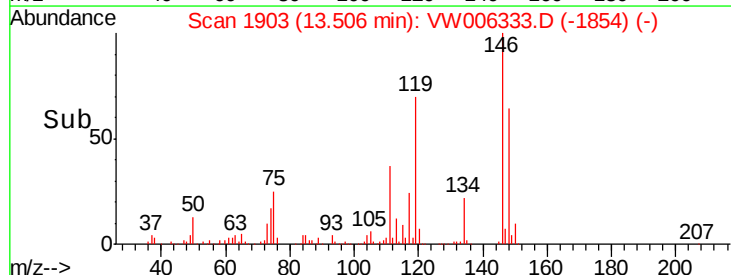
150000

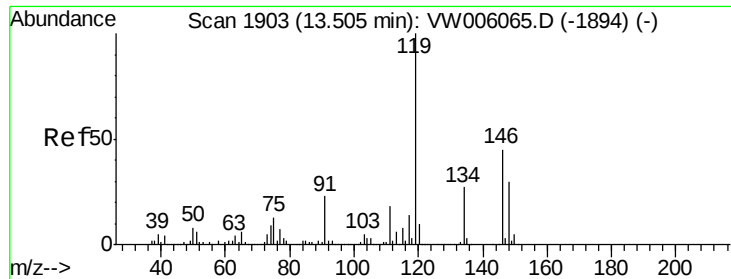
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.755 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

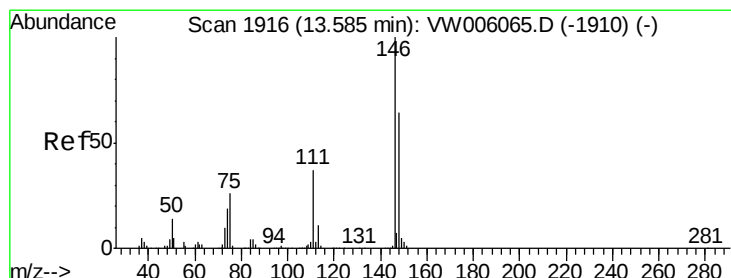
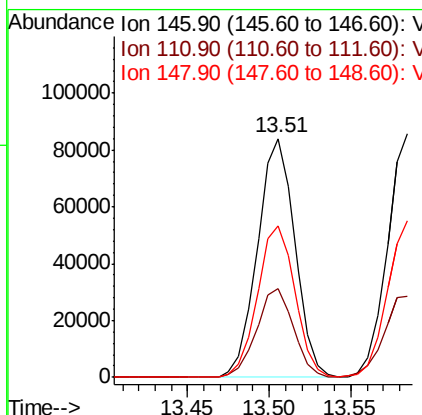
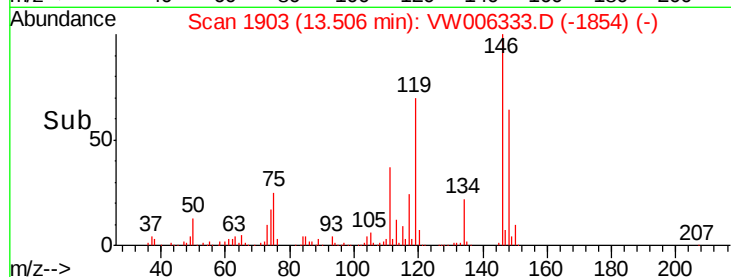
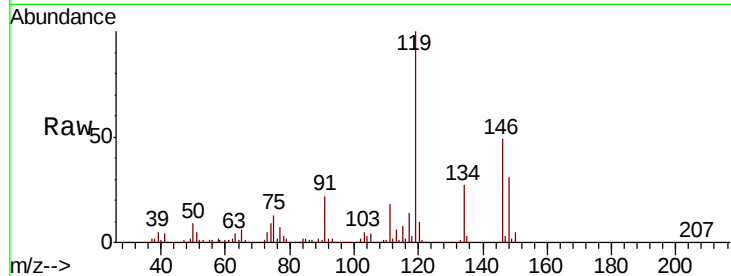
Instrument :
MSVOA_W

ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.5
148	63.7	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 22.695 ug/l

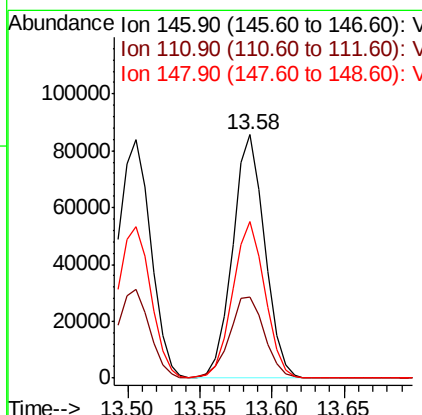
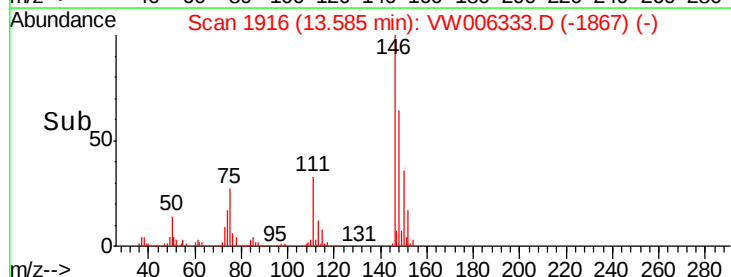
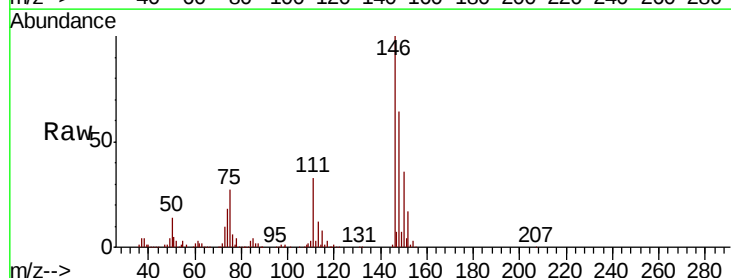
RT: 13.58 min Scan# 1916

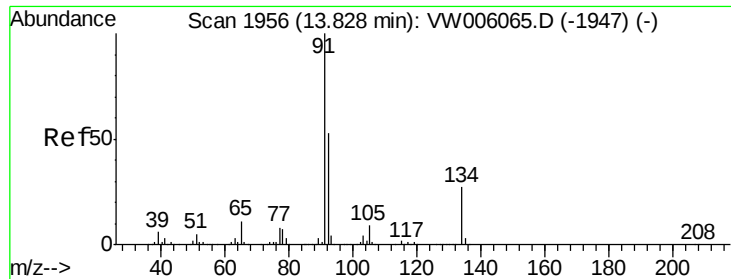
Delta R.T. 0.00 min

Lab File: VW006333.D

Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	56.0
148	64.5	32.1	96.5





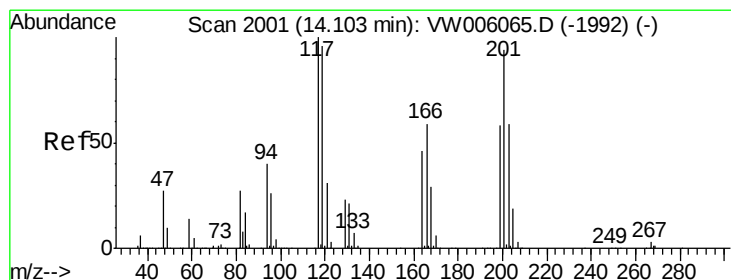
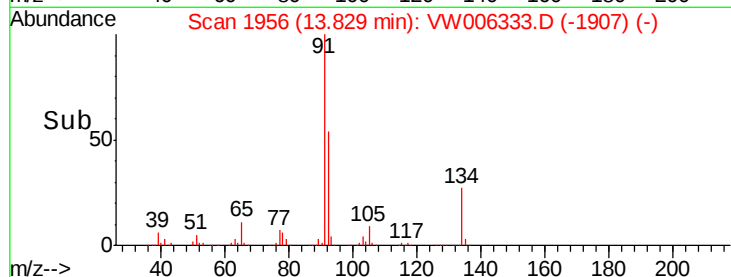
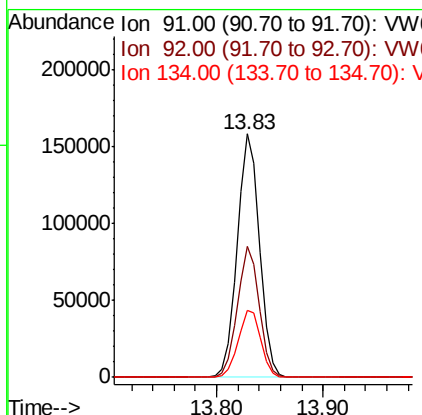
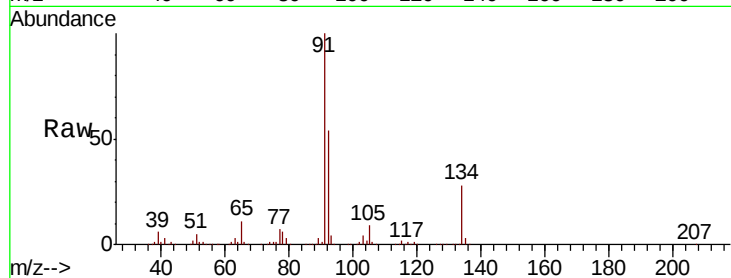
#89
n-Butylbenzene
Concen: 21.856 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	28.1	14.0	41.9

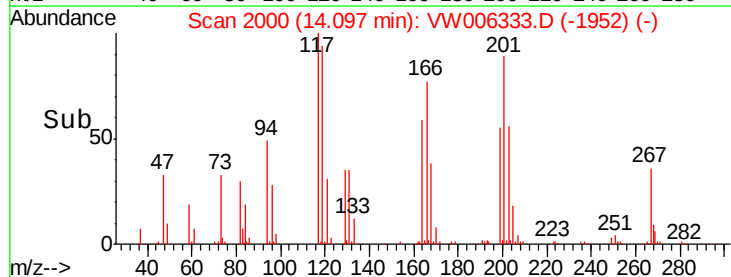
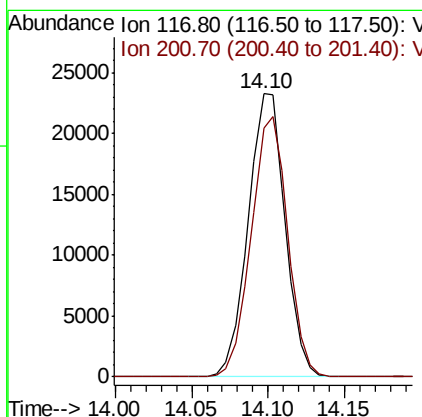
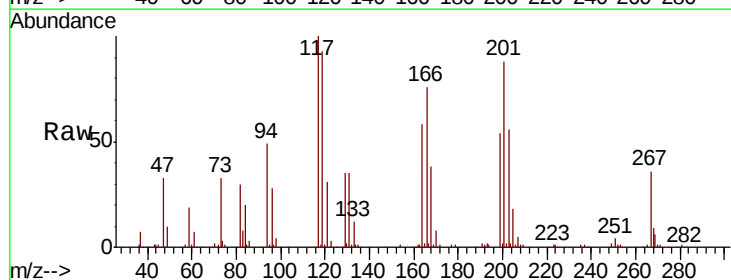
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#90
Hexachloroethane
Concen: 19.796 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.2	45.3	135.9





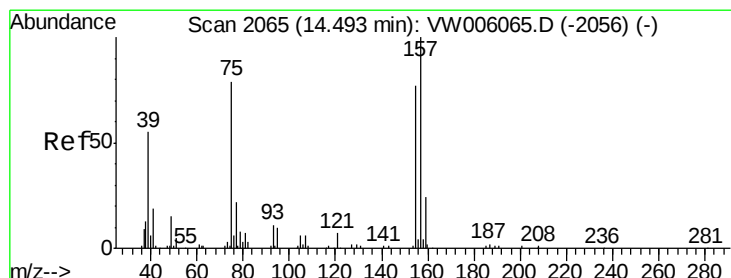
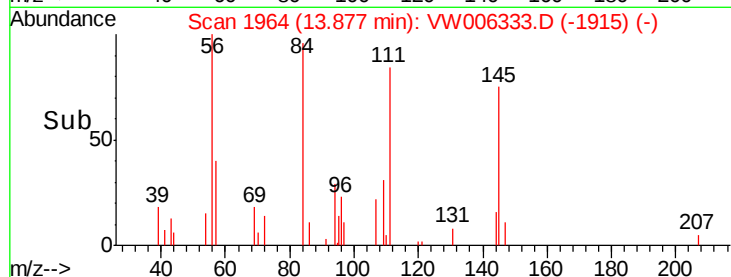
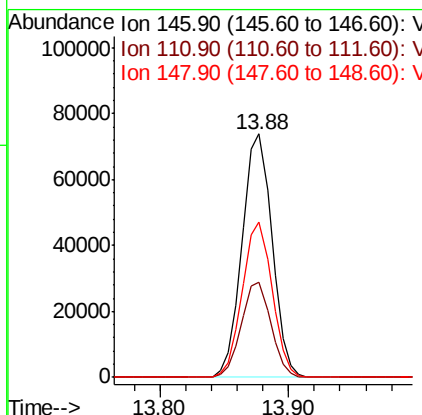
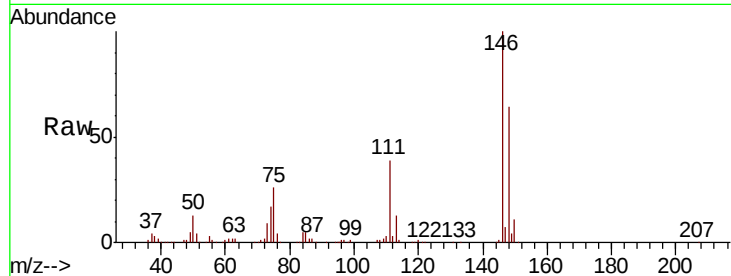
#91
 1,2-Dichlorobenzene
 Concen: 22.618 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.7
148	63.6	32.2	96.6

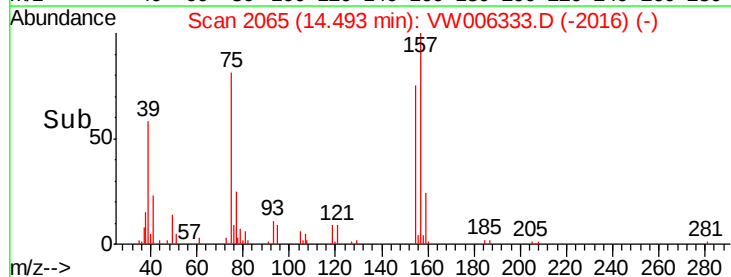
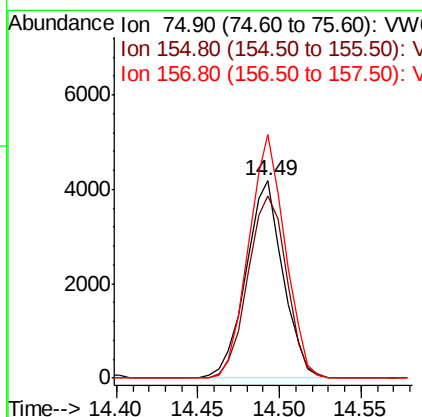
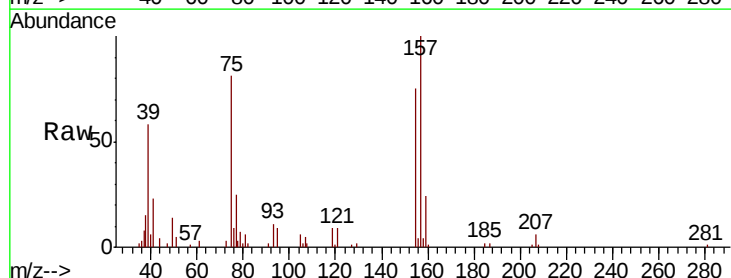
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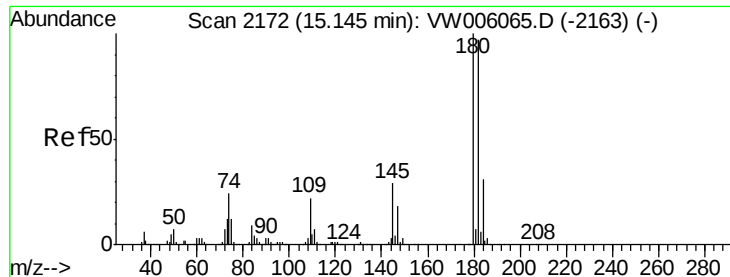
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.161 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	46.5	139.5
157	120.4	59.8	179.4





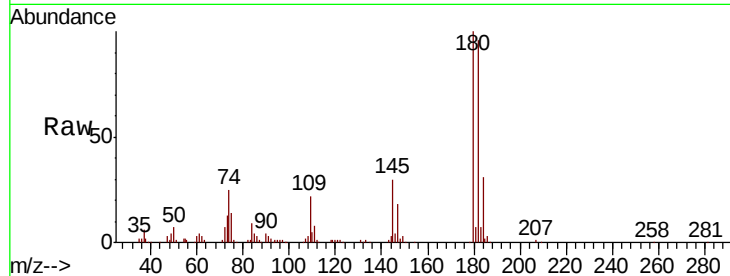
#93
 1,2,4-Trichlorobenzene
 Concen: 24.659 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.9	143.6	
145	28.5	14.2	42.8	

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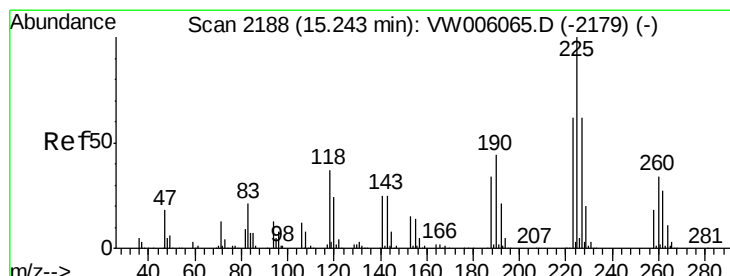
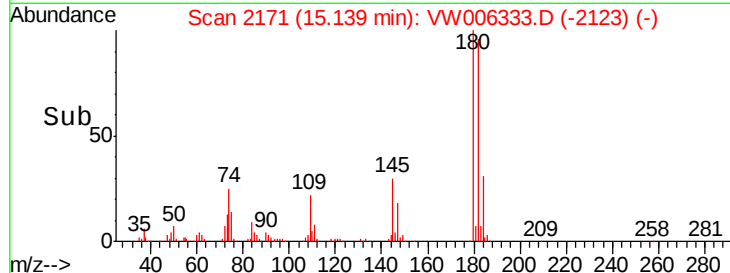
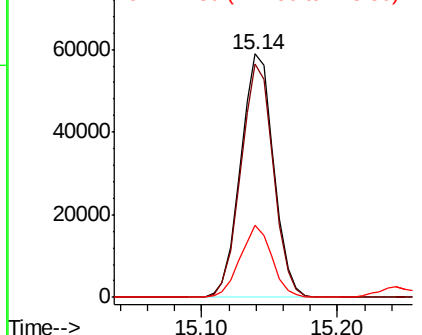


Abundance

Ion 179.80 (179.50 to 180.50): V

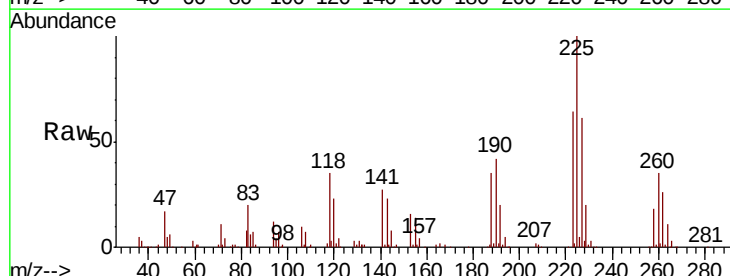
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.991 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006333.D
 Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	31.1	93.5	
227	62.8	32.4	97.0	

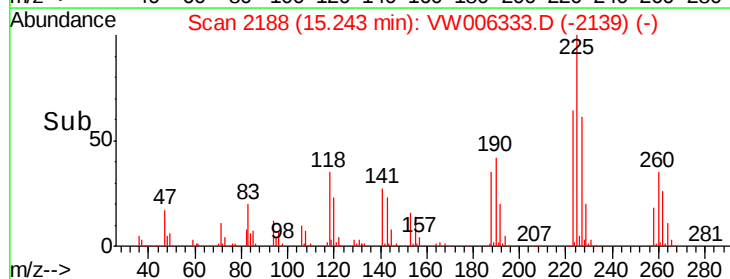
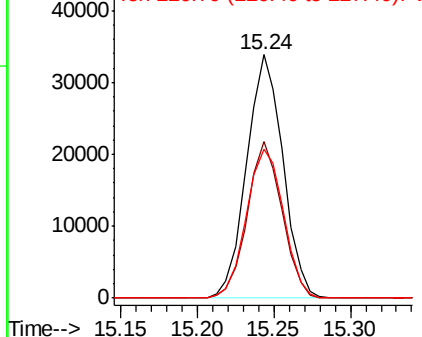


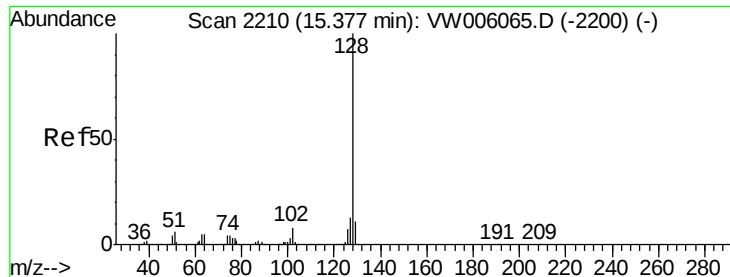
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





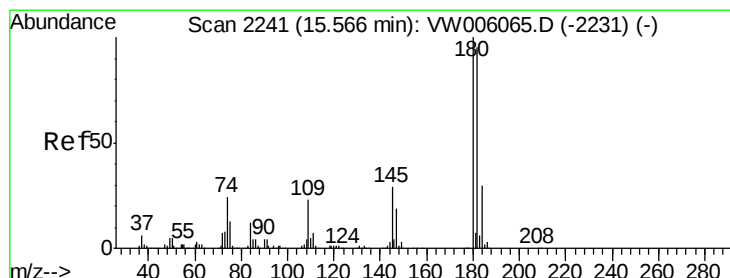
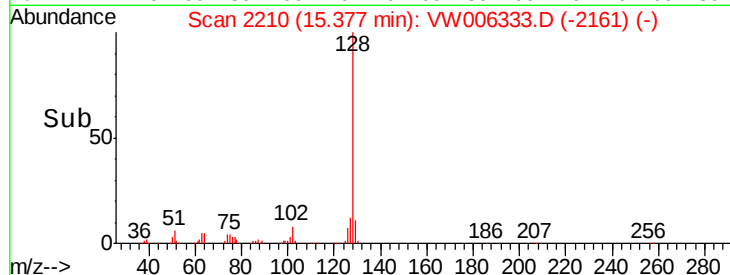
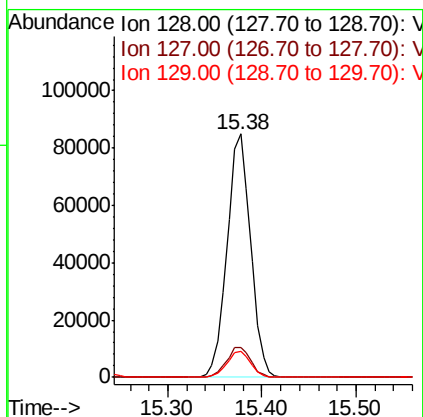
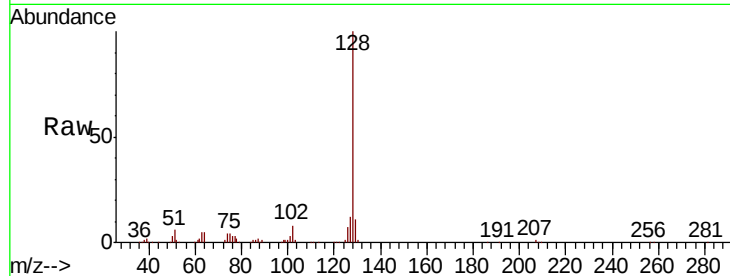
#95
Naphthalene
Concen: 21.860 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :
VW1024SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
10/25/2018 12:47:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.864 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006333.D
Acq: 24 Oct 2018 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.8	143.3
145	30.1	15.0	45.1

