

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101518\
 Data File : VW006063.D
 Acq On : 15 Oct 2018 17:19
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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apatel
 10/16/2018 10:33:46 AM

Quant Time: Oct 16 04:50:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199603	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	23731	8.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.48%	
35) Dibromofluoromethane	7.88	113	24666	9.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.58%	
50) Toluene-d8	10.33	98	92484	9.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.14%	
62) 4-Bromofluorobenzene	12.62	95	34588	9.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	12728	9.010	ug/l	99
3) Chloromethane	2.21	50	17536	10.421	ug/l	98
4) Vinyl Chloride	2.37	62	25940	9.939	ug/l	96
5) Bromomethane	2.79	94	23607	11.283	ug/l	96
6) Chloroethane	2.92	64	17213	10.154	ug/l	96
7) Trichlorofluoromethane	3.26	101	22210	10.439	ug/l	99
8) Diethyl Ether	3.68	74	12548	9.689	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	25786	9.905	ug/l	99
10) Methyl Iodide	4.27	142	42395	9.920	ug/l	99
11) Tert butyl alcohol	5.21	59	8871	45.175	ug/l	97
12) 1,1-Dichloroethene	4.04	96	24602	9.892	ug/l	91
13) Acrolein	3.89	56	8425	47.217	ug/l	95
14) Allyl chloride	4.67	41	33816	8.127	ug/l	98
15) Acrylonitrile	5.37	53	23396	43.229	ug/l	98
16) Acetone	4.13	43	35432	66.635	ug/l	98
17) Carbon Disulfide	4.38	76	71788	9.551	ug/l	96
18) Methyl Acetate	4.68	43	11873	8.716	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	36711	9.499	ug/l	97
20) Methylene Chloride	4.92	84	28519	10.335	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	27487	10.110	ug/l	97
22) Diisopropyl ether	6.32	45	66463	8.494	ug/l	97
23) Vinyl Acetate	6.26	43	196570	41.135	ug/l	100
24) 1,1-Dichloroethane	6.21	63	43854	9.087	ug/l	98
25) 2-Butanone	7.18	43	35808	47.071	ug/l	100
26) 2,2-Dichloropropane	7.17	77	33376	9.887	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	29037	9.463	ug/l	95
28) Bromochloromethane	7.52	49	15055	8.241	ug/l	99
29) Tetrahydrofuran	7.53	42	19582	40.691	ug/l	99
30) Chloroform	7.68	83	47209	9.461	ug/l	99
31) Cyclohexane	7.95	56	46294	9.721	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	43025	9.666	ug/l	99
36) 1,1-Dichloropropene	8.09	75	38489	10.186	ug/l	98
37) Ethyl Acetate	7.26	43	13826	8.803	ug/l	100
38) Carbon Tetrachloride	8.07	117	41208	10.118	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50829	10.214	ug/l	96
40) Benzene	8.33	78	104715	10.121	ug/l	98
41) Methacrylonitrile	7.49	41	8901	8.985	ug/l	96
42) 1,2-Dichloroethane	8.40	62	29524	9.449	ug/l	99
43) Isopropyl Acetate	8.43	43	27694	8.466	ug/l	99
44) Trichloroethene	9.09	130	32058	10.614	ug/l	98
45) 1,2-Dichloropropane	9.37	63	24841	9.636	ug/l	98
46) Dibromomethane	9.46	93	13991	9.814	ug/l	100
47) Bromodichloromethane	9.65	83	33040	9.244	ug/l	97
48) Methyl methacrylate	9.44	41	13053	8.354	ug/l	98
49) 1,4-Dioxane	9.47	88	4251	195.303	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	71870	44.910	ug/l	99
52) Toluene	10.39	92	68344	10.016	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	32071	8.659	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	37251	8.912	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	19374	9.785	ug/l	98
56) Ethyl methacrylate	10.65	69	22853	8.687	ug/l	99
57) 1,3-Dichloropropane	10.93	76	32587	9.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	44451	41.882	ug/l	99
59) 2-Hexanone	10.98	43	53639	47.000	ug/l	99
60) Dibromochloromethane	11.13	129	23060	9.061	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19028	9.609	ug/l	98
64) Tetrachloroethene	10.87	164	29549	10.998	ug/l	93
65) Chlorobenzene	11.66	112	80629	10.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	27181	9.670	ug/l	98
67) Ethyl Benzene	11.74	91	140814	10.435	ug/l	98
68) m/p-Xylenes	11.85	106	110275	20.848	ug/l	99
69) o-Xylene	12.17	106	51525	10.166	ug/l	99
70) Styrene	12.19	104	83474	9.946	ug/l	100
71) Bromoform	12.35	173	14582	8.769	ug/l #	100
73) Isopropylbenzene	12.47	105	146075	10.151	ug/l	99
74) N-amyl acetate	12.28	43	27308	8.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	21664	9.243	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	17871m	10.390	ug/l	
77) Bromobenzene	12.76	156	35622	10.389	ug/l	99
78) n-propylbenzene	12.81	91	174317	10.307	ug/l	99
79) 2-Chlorotoluene	12.90	91	95885	10.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	124032	10.195	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6287	7.761	ug/l	98
82) 4-Chlorotoluene	12.99	91	100504	10.034	ug/l	99
83) tert-Butylbenzene	13.21	119	111040	10.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	126051	10.282	ug/l	99
85) sec-Butylbenzene	13.39	105	157911	10.401	ug/l	100
86) p-Isopropyltoluene	13.51	119	143197	10.473	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	72474	10.652	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	72887	10.782	ug/l	98
89) n-Butylbenzene	13.83	91	132643	10.357	ug/l	100
90) Hexachloroethane	14.10	117	23195	9.118	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	63766	10.537	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3822	8.814	ug/l	98

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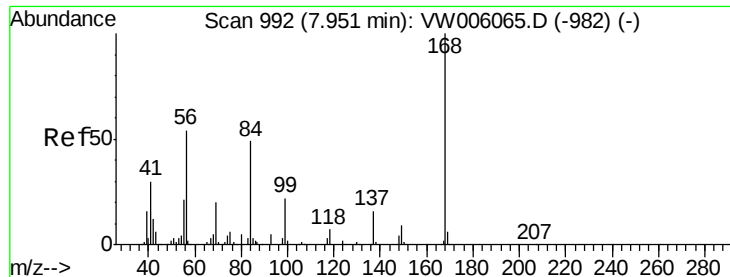
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	51897	11.139	ug/l	100
94) Hexachlorobutadiene	15.24	225	32341	11.115	ug/l	100
95) Naphthalene	15.38	128	85384	10.665	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	44629	11.058	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: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 286041

Ion Ratio Lower Upper

168 100

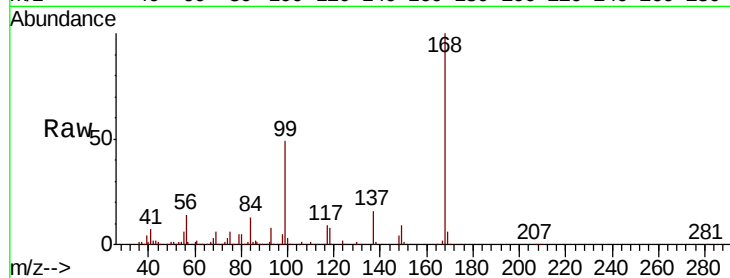
99 49.5 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

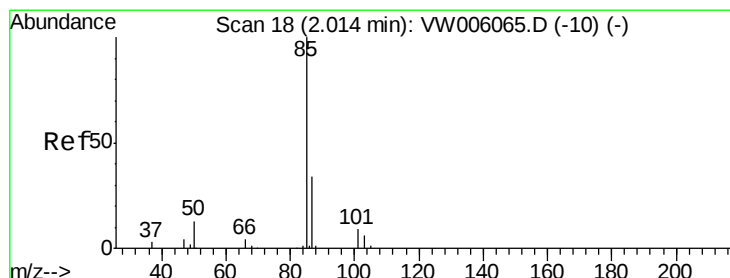
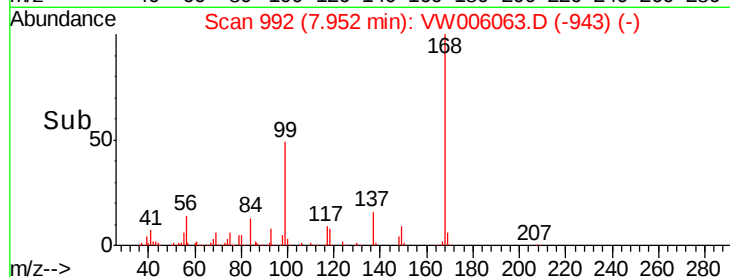
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 9.010 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006063.D

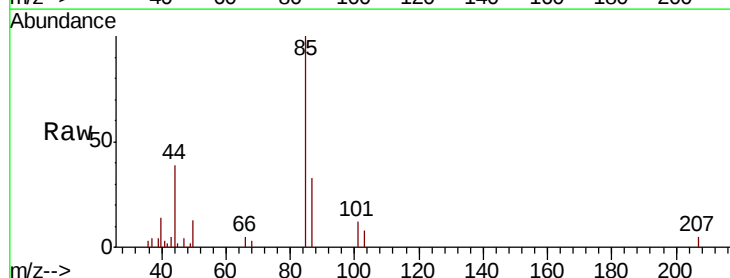
Acq: 15 Oct 2018 17:19

Tgt Ion: 85 Resp: 12728

Ion Ratio Lower Upper

85 100

87 33.0 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

4000

3000

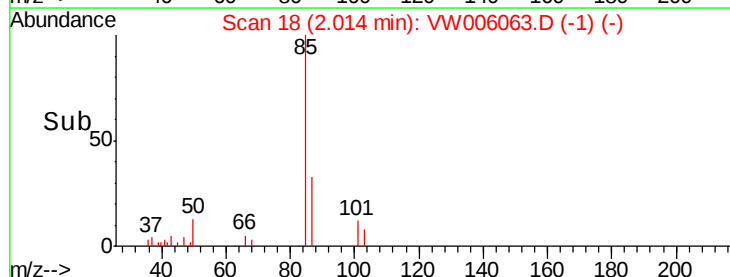
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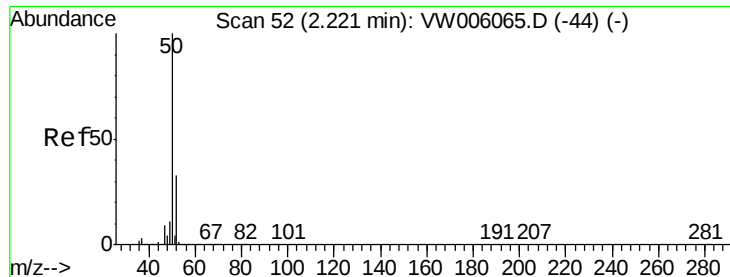
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 10.421 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 17536

Ion Ratio Lower Upper

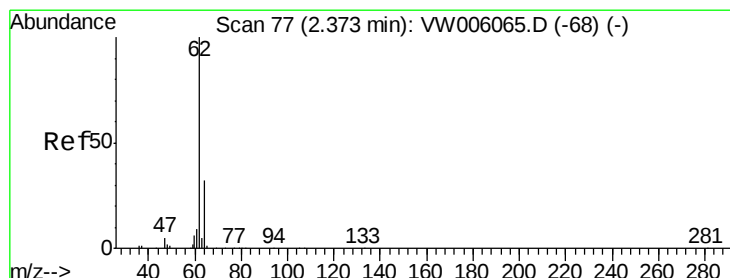
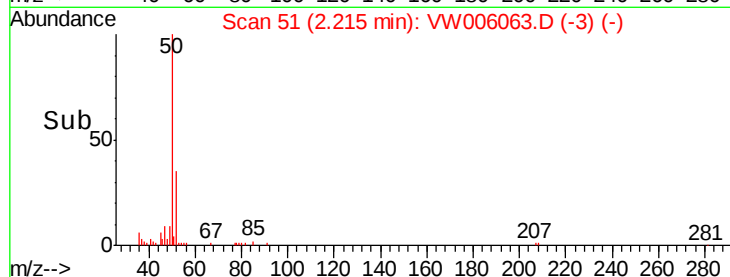
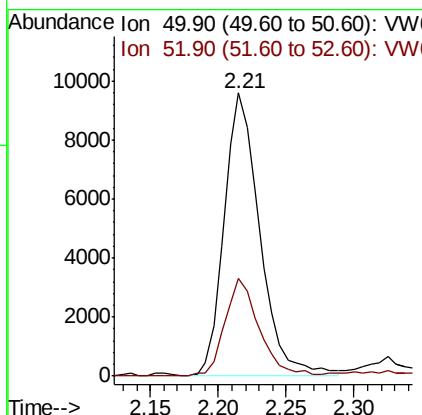
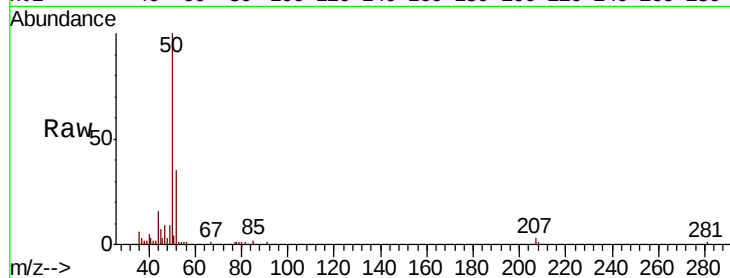
50 100

52 34.8 26.8 40.2

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#4

Vinyl Chloride

Concen: 9.939 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006063.D

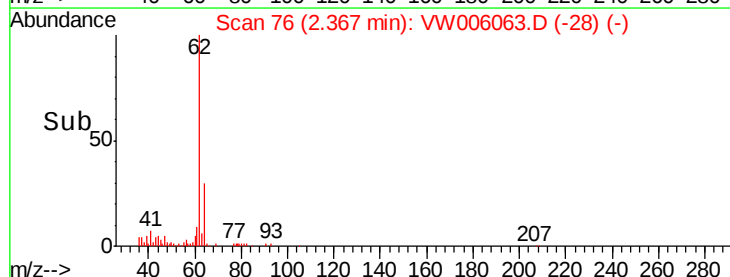
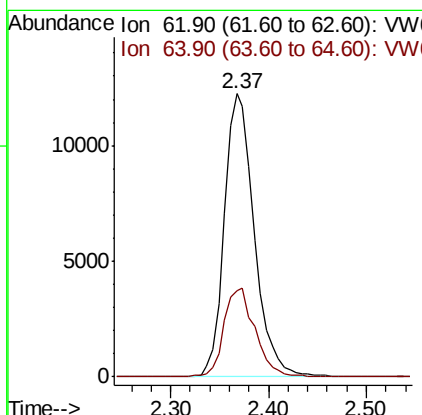
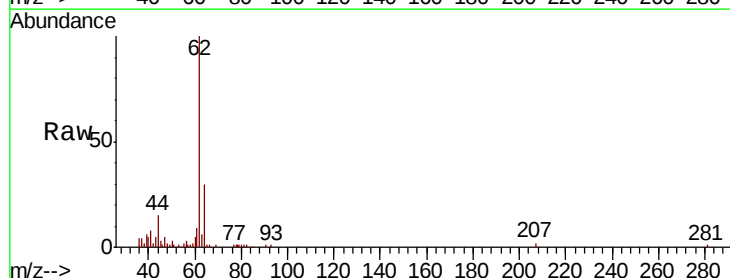
Acq: 15 Oct 2018 17:19

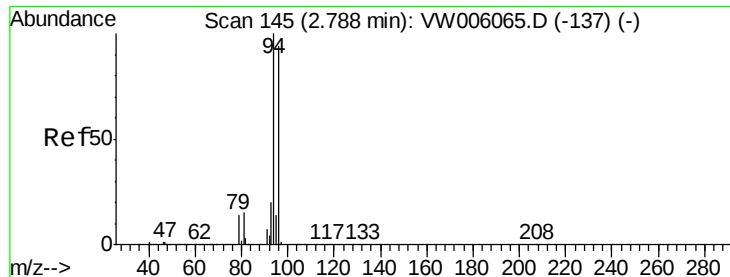
Tgt Ion: 62 Resp: 25940

Ion Ratio Lower Upper

62 100

64 30.4 25.9 38.9





#5

Bromomethane

Concen: 11.283 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 23607

Ion Ratio Lower Upper

94 100

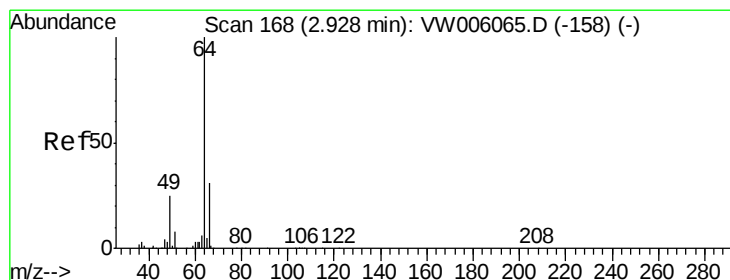
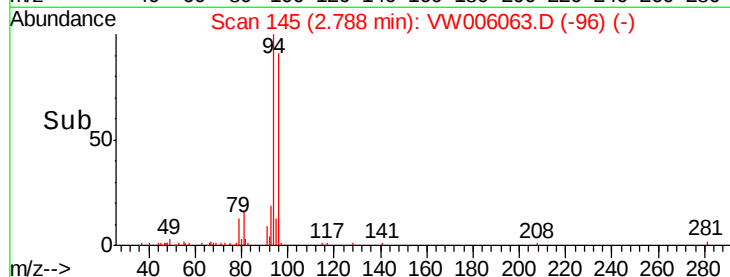
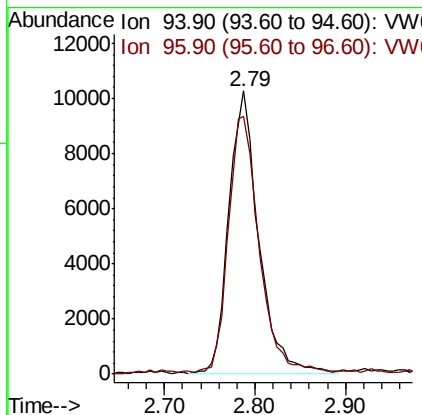
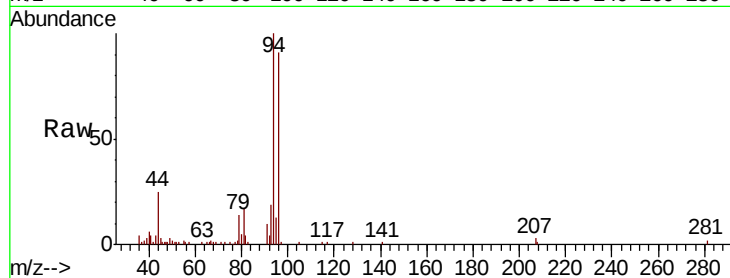
96 90.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 10.154 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006063.D

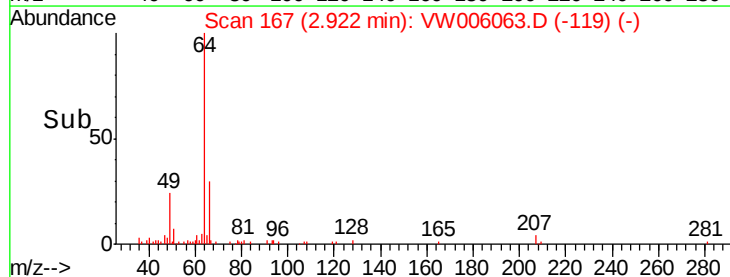
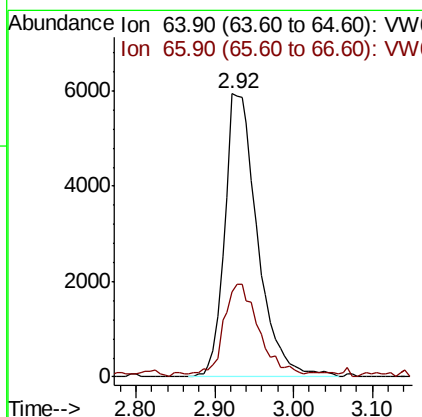
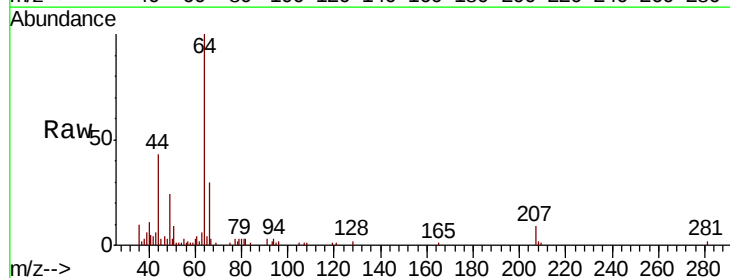
Acq: 15 Oct 2018 17:19

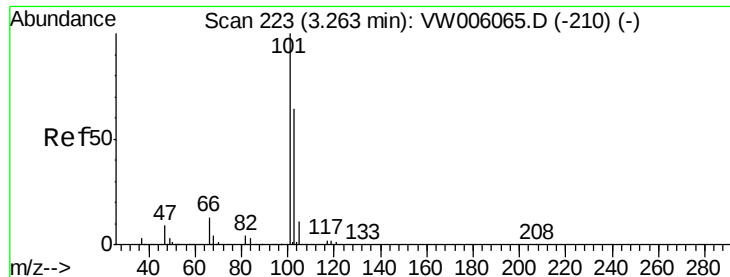
Tgt Ion: 64 Resp: 17213

Ion Ratio Lower Upper

64 100

66 28.8 24.9 37.3





#7

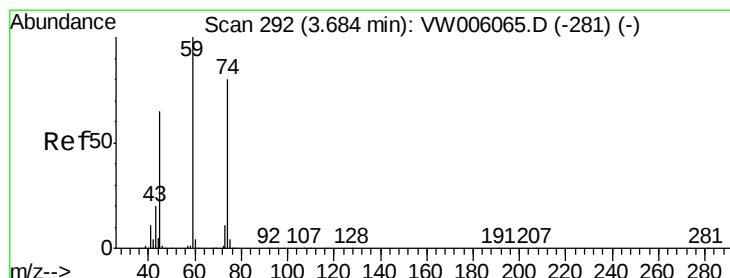
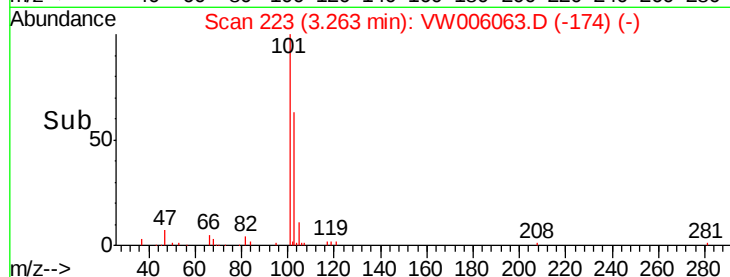
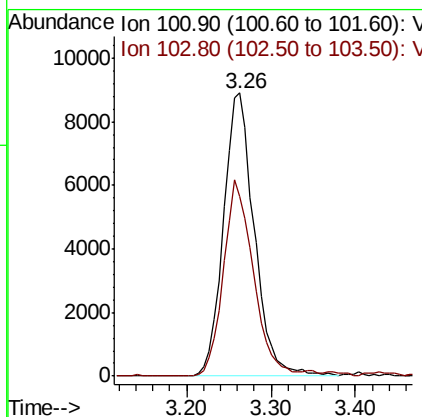
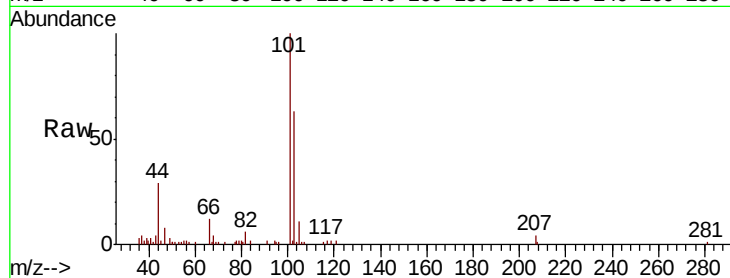
Trichlorofluoromethane
Concen: 10.439 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.2	76.8

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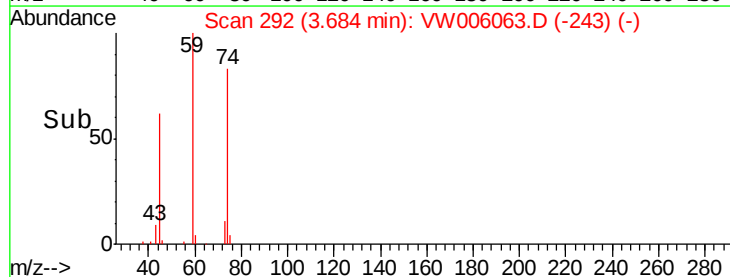
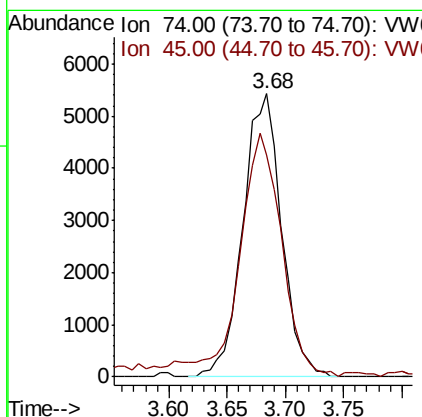
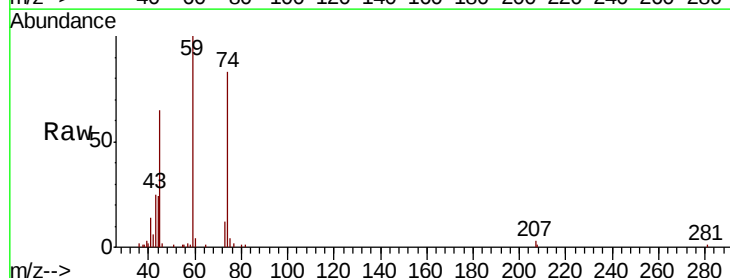
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#8

Diethyl Ether
Concen: 9.689 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.8	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.905 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

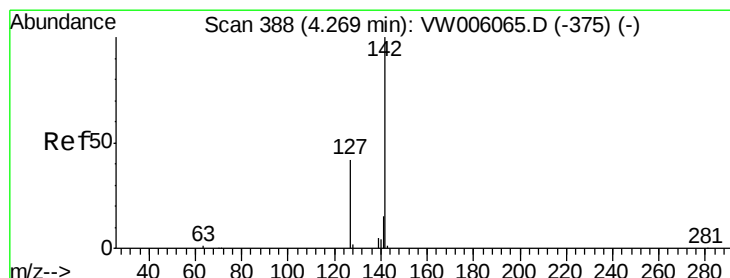
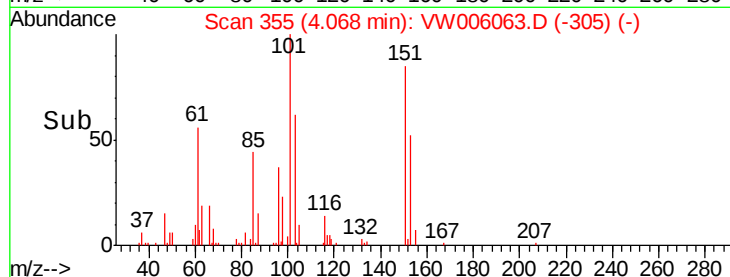
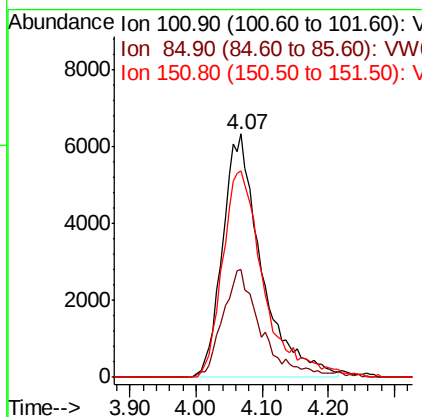
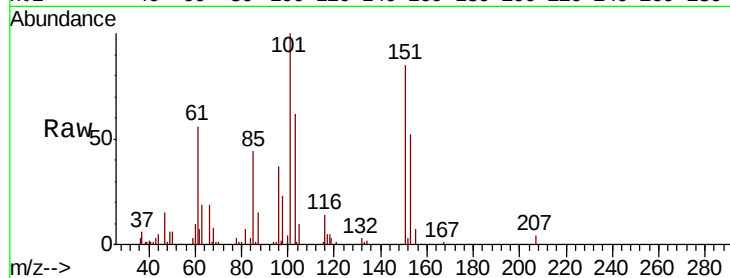
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	25786
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.9	52.3
151	89.4	70.4	105.6

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#10

Methyl Iodide

Concen: 9.920 ug/l

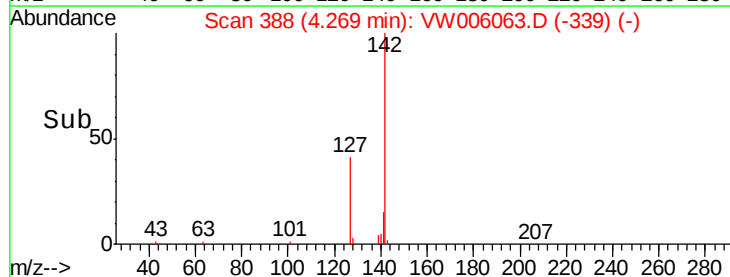
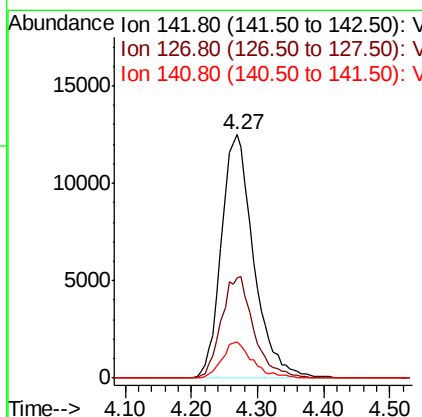
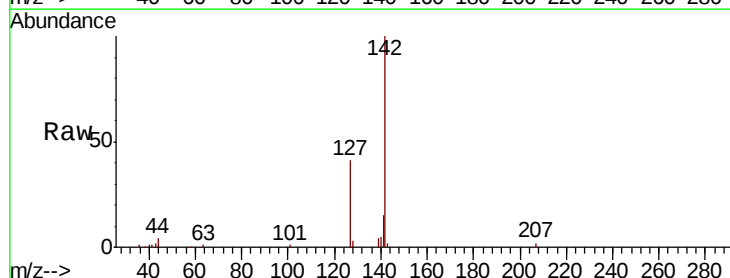
RT: 4.27 min Scan# 388

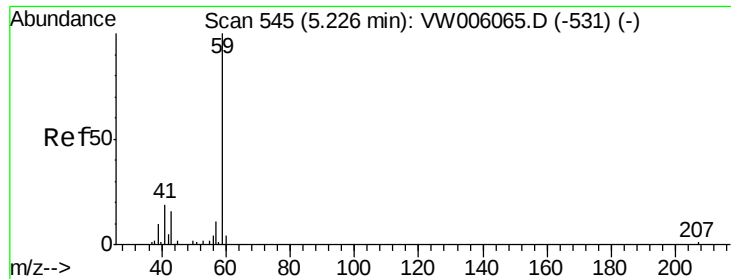
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	142	Resp:	42395
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.6	50.4
141	13.9	11.6	17.4





#11

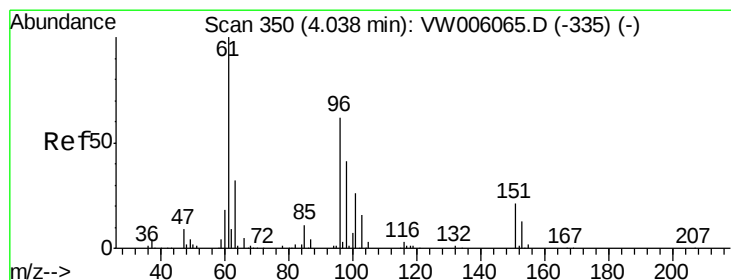
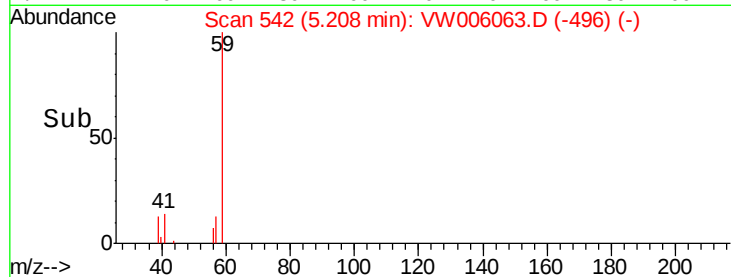
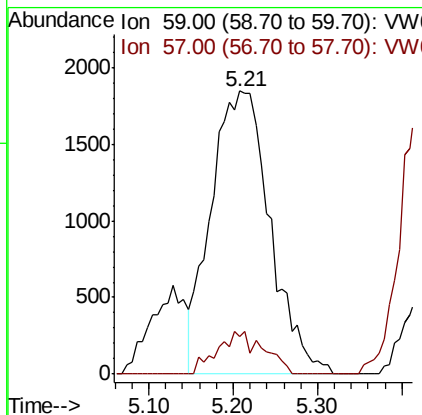
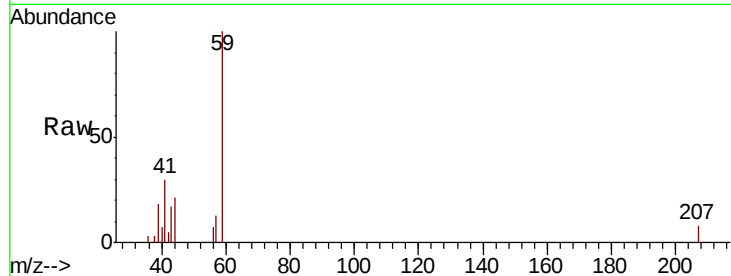
Tert butyl alcohol
Concen: 45.175 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.02 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	59	57	Ratio	100	11.9	Resp:	8871	Lower	8.7	Upper	13.1
Ion											

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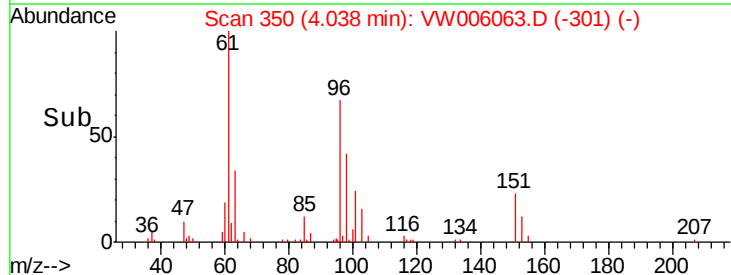
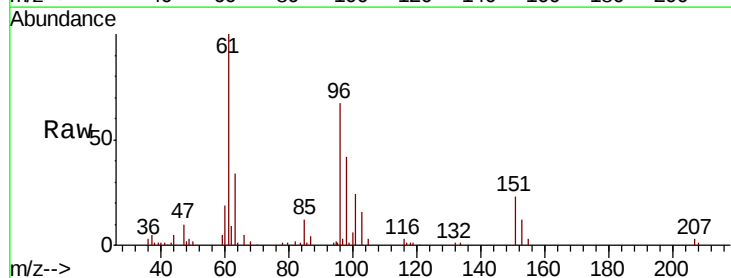
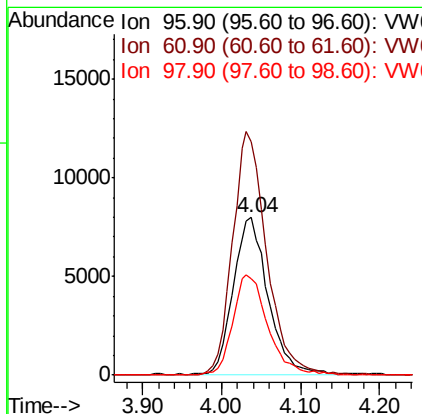
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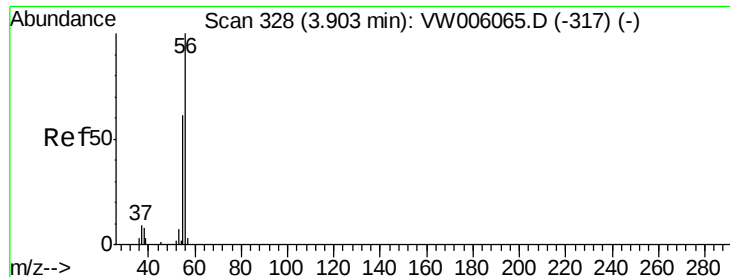


#12

1,1-Dichloroethene
Concen: 9.892 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	96	61	98	Ratio	100	148.5	61.6	Resp:	24602	Lower	129.3	Upper	193.9	79.7
Ion														





#13

Acrolein

Concen: 47.217 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 8425

Ion Ratio Lower Upper

56 100

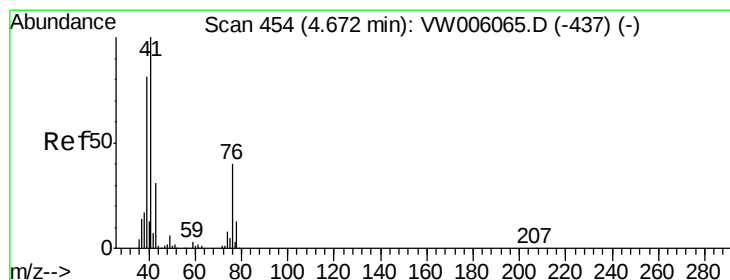
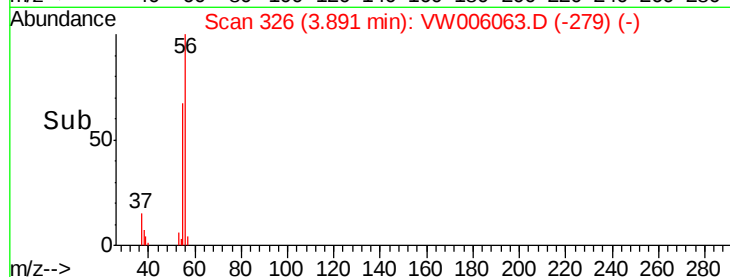
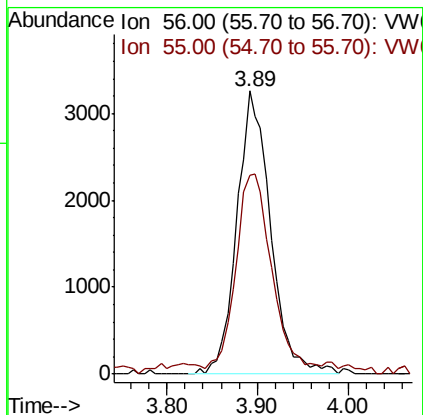
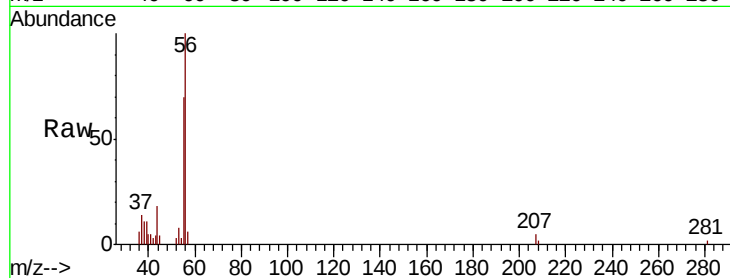
55 72.3 54.5 81.7

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#14

Allyl chloride

Concen: 8.127 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

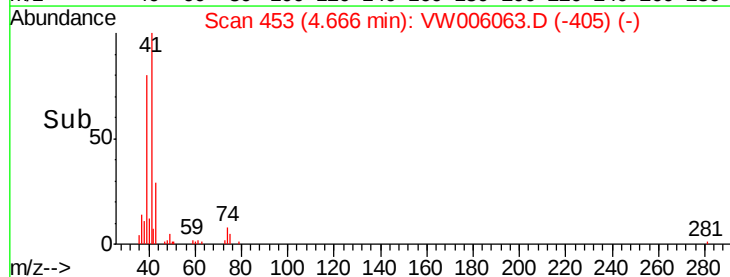
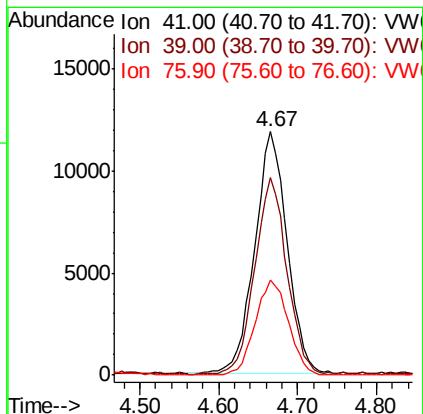
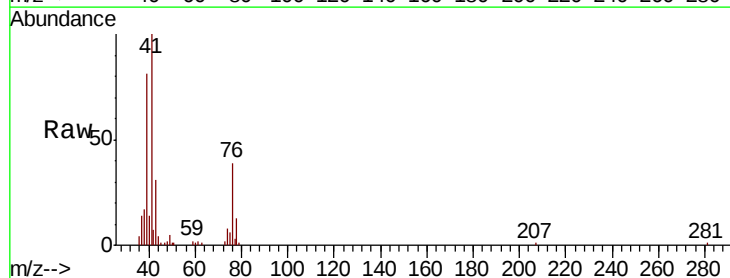
Tgt Ion: 41 Resp: 33816

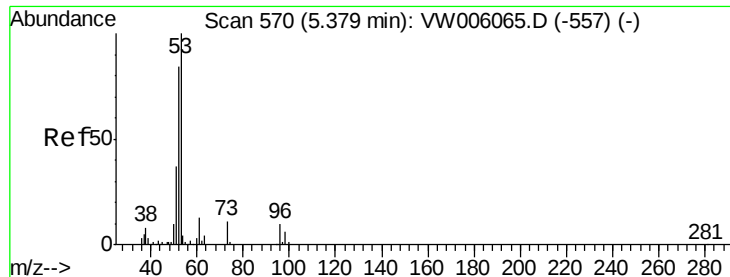
Ion Ratio Lower Upper

41 100

39 81.9 64.1 96.1

76 40.1 32.2 48.4





#15

Acrylonitrile

Concen: 43.229 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

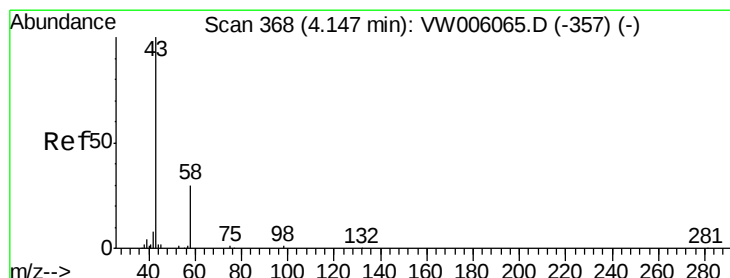
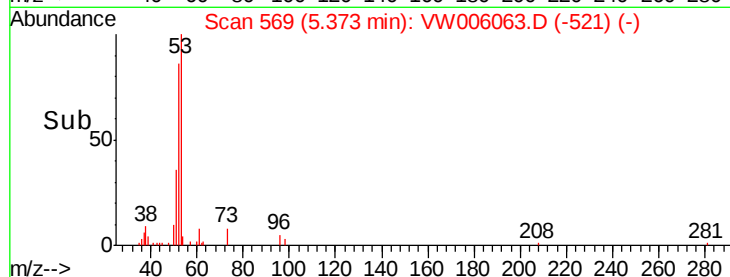
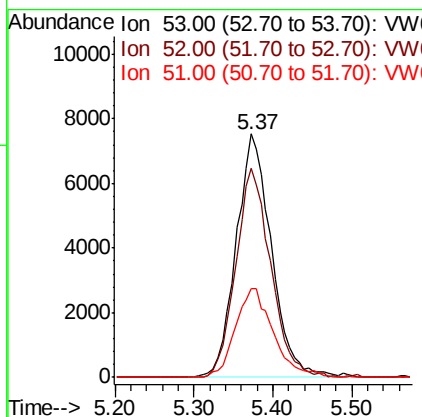
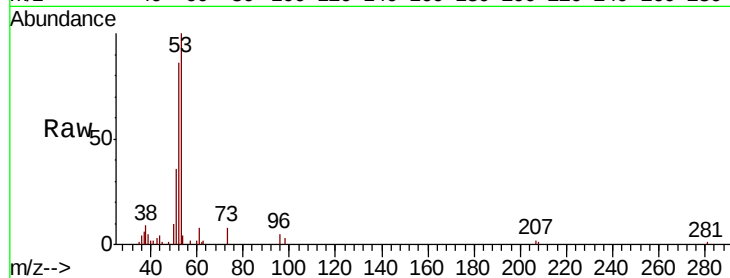
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	23396
Ion	Ratio	Lower	Upper
53	100		
52	85.2	66.9	100.3
51	38.9	30.1	45.1

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#16

Acetone

Concen: 66.635 ug/l

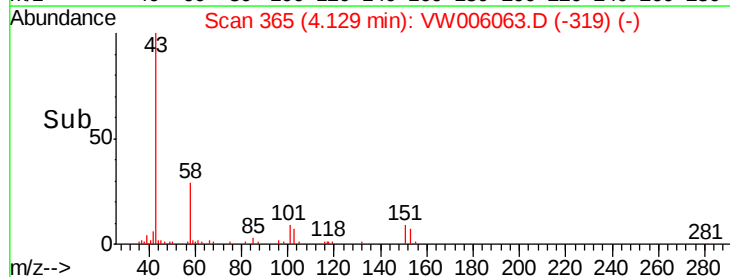
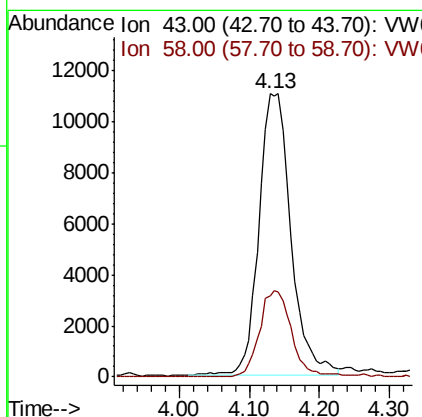
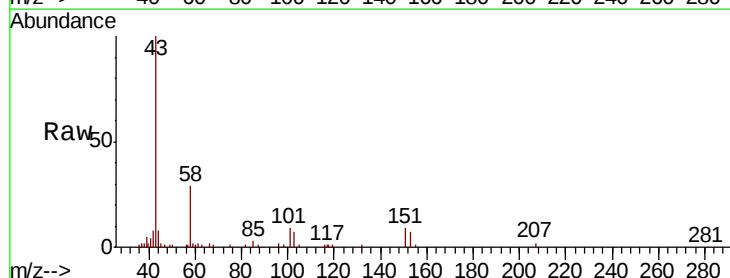
RT: 4.13 min Scan# 365

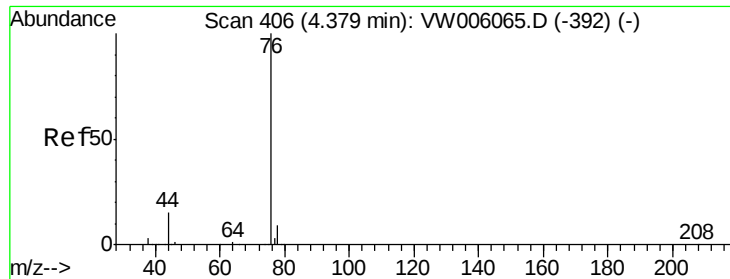
Delta R.T. -0.02 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	43	Resp:	35432
Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.0	36.0





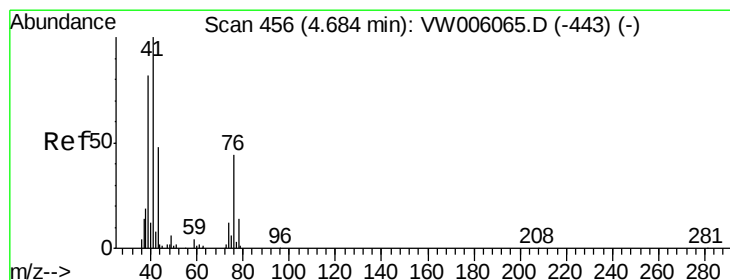
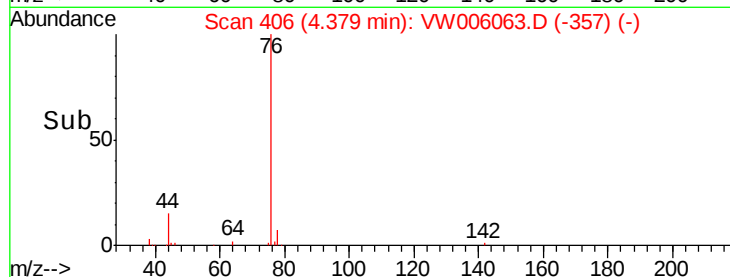
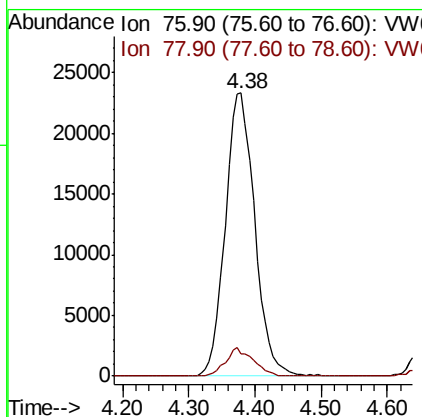
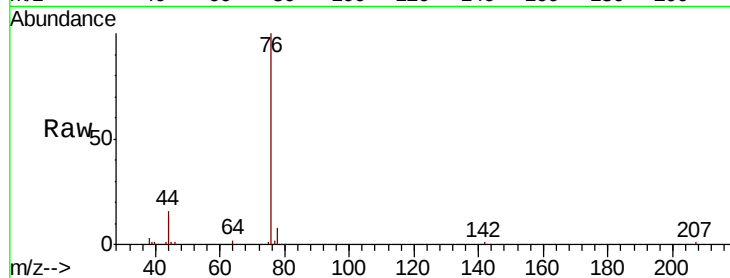
#17
Carbon Disulfide
Concen: 9.551 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.5	11.3

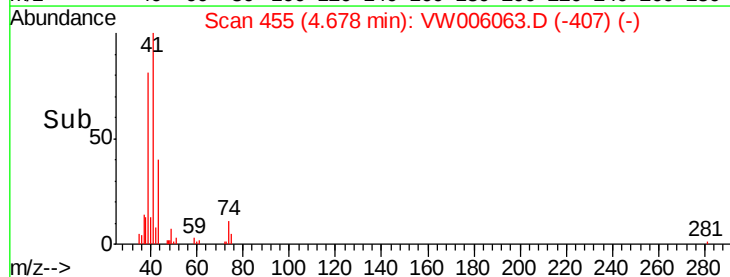
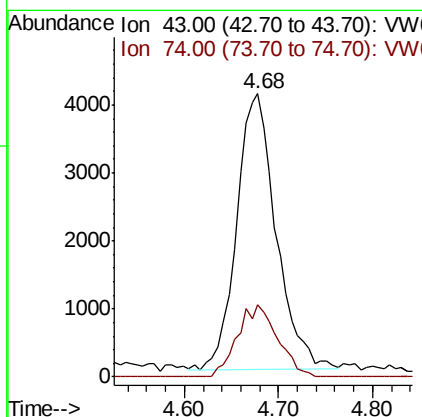
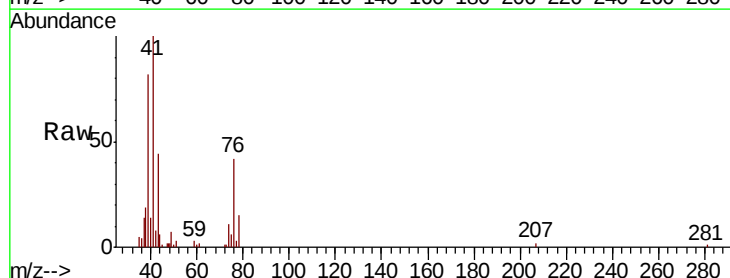
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#18
Methyl Acetate
Concen: 8.716 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.5	30.7





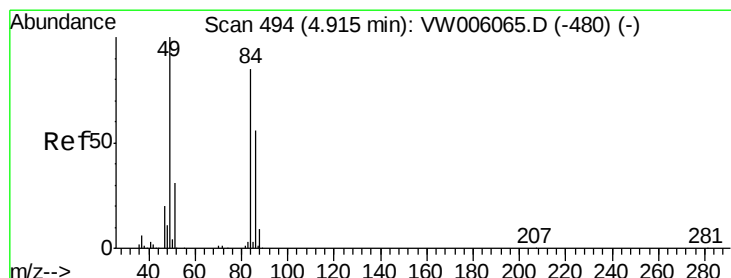
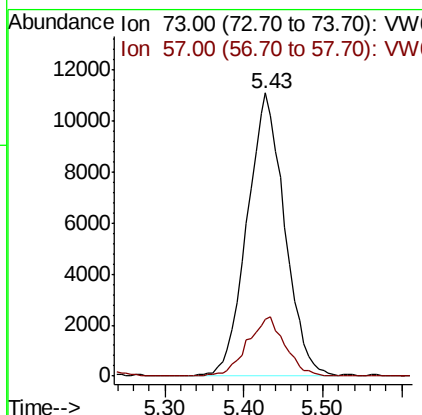
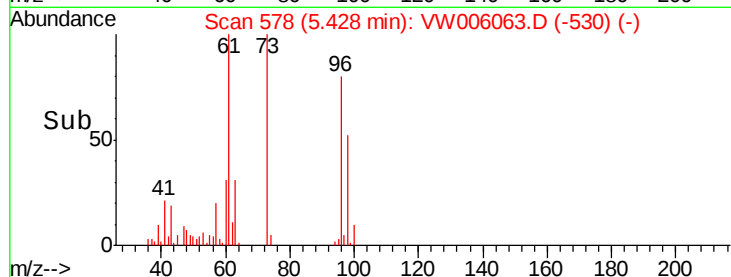
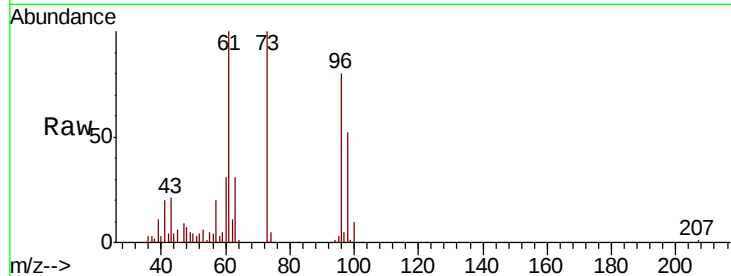
#19
Methvl tert-butvl Ether
Concen: 9.499 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	17.4	26.2

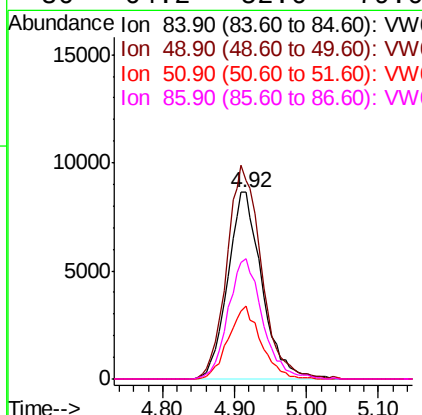
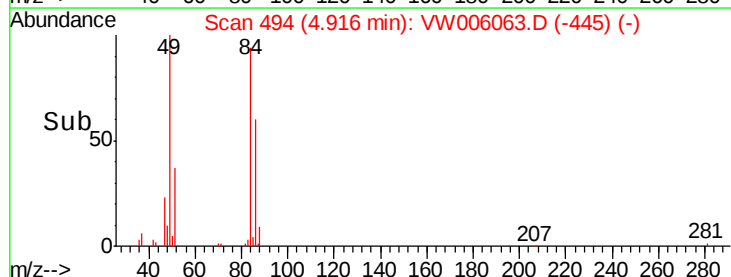
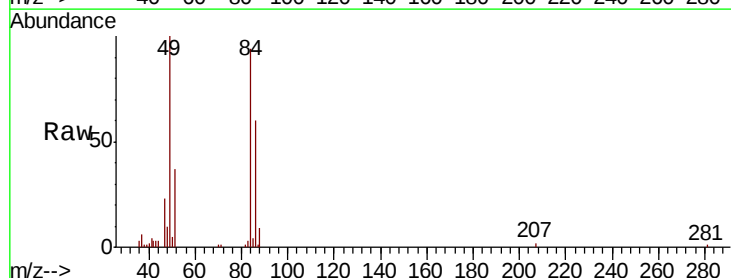
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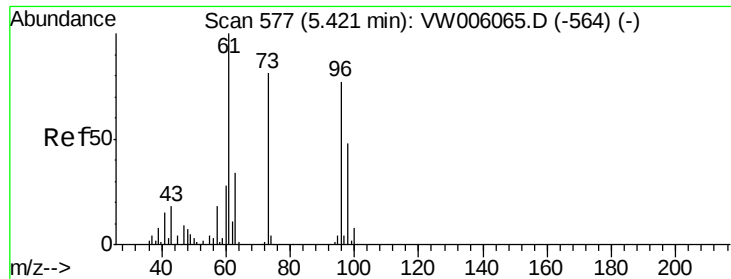
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#20
Methylene Chloride
Concen: 10.335 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.3	93.6	140.4
51	39.3	29.0	43.4
86	64.2	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 10.110 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

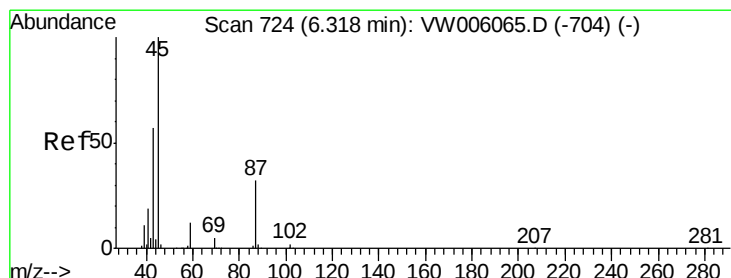
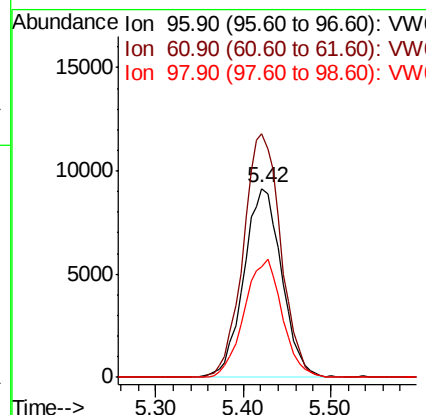
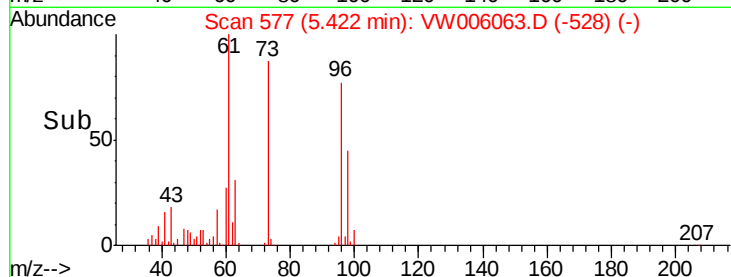
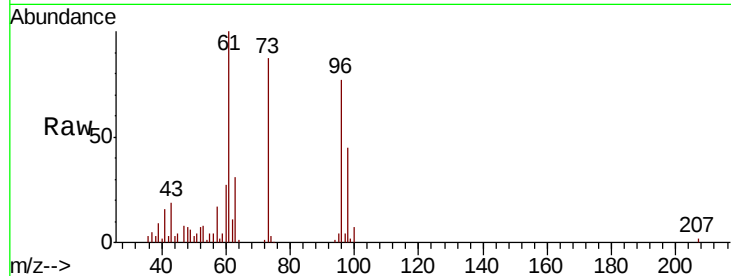
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	27487
Ion	Ratio	Lower	Upper
96	100		
61	129.1	104.5	156.7
98	58.4	50.6	75.8

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#22

Diisopropyl ether

Concen: 8.494 ug/l

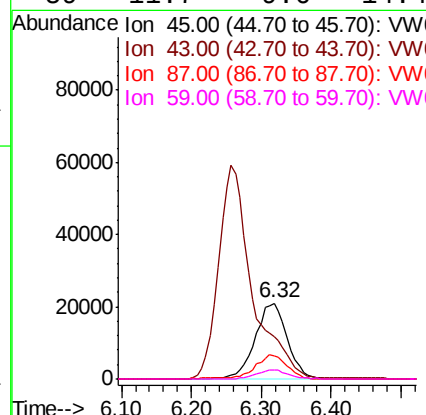
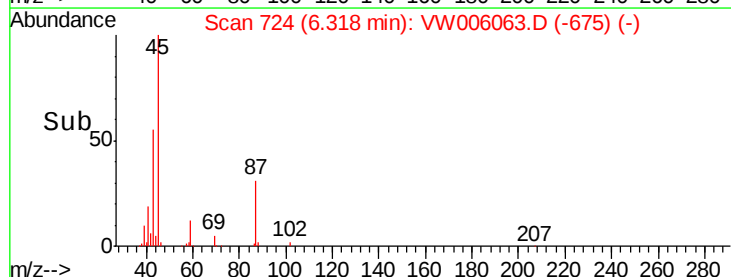
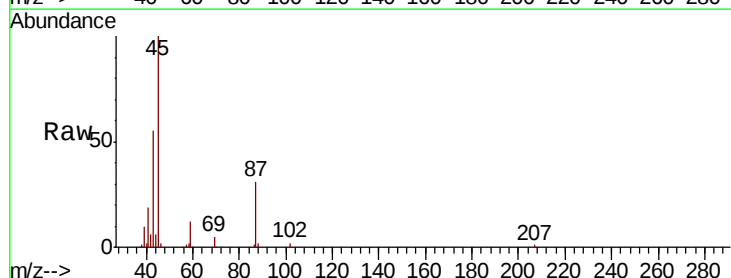
RT: 6.32 min Scan# 724

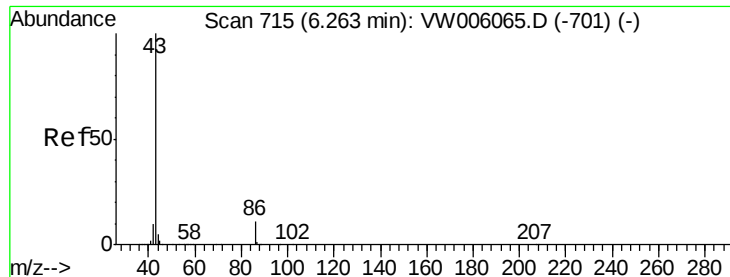
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	45	Resp:	66463
Ion	Ratio	Lower	Upper
45	100		
43	54.1	45.7	68.5
87	31.0	25.9	38.9
59	11.7	9.6	14.4





#23

Vinyl Acetate

Concen: 41.135 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 196570

Ion Ratio Lower Upper

43 100

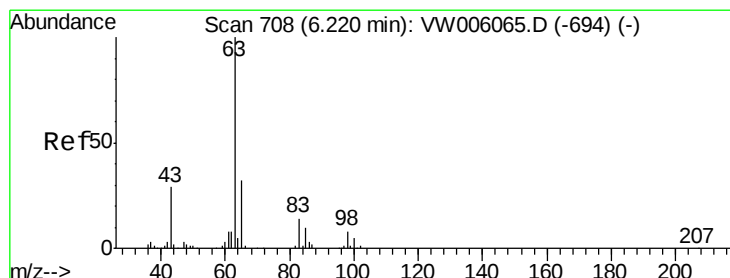
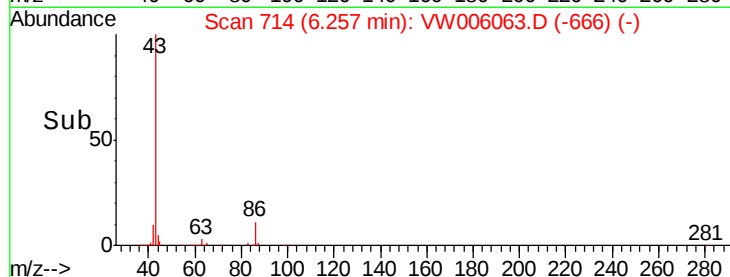
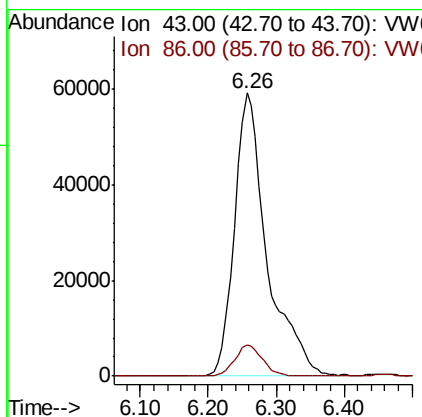
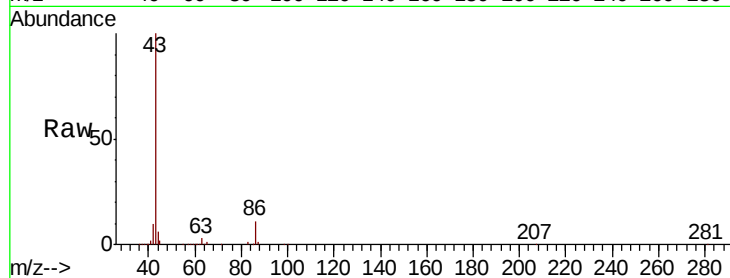
86 11.2 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 9.087 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

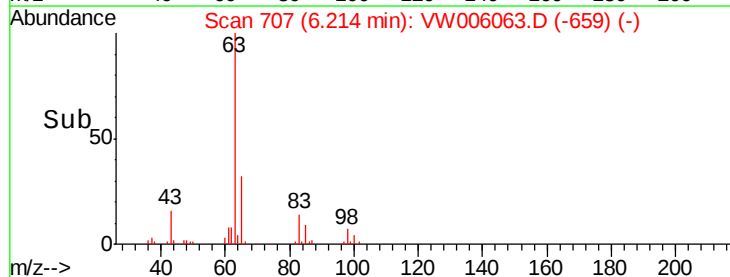
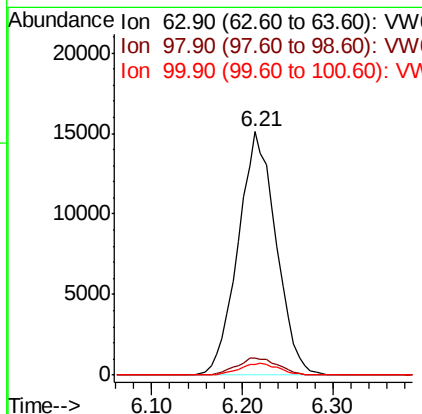
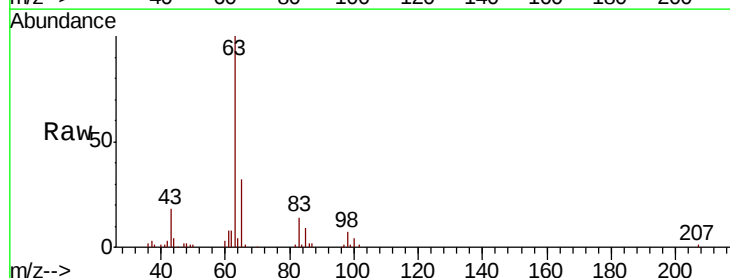
Tgt Ion: 63 Resp: 43854

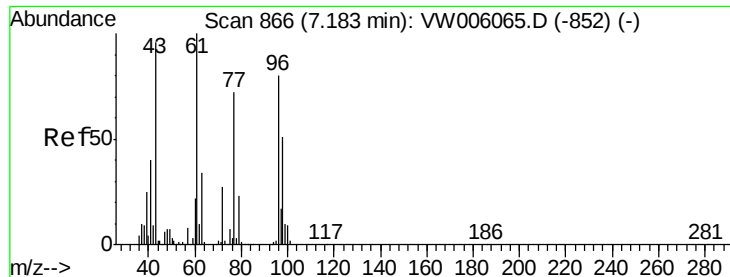
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.2 2.5 7.5





#25

2-Butanone

Concen: 47.071 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 35808

Ion Ratio Lower Upper

43 100

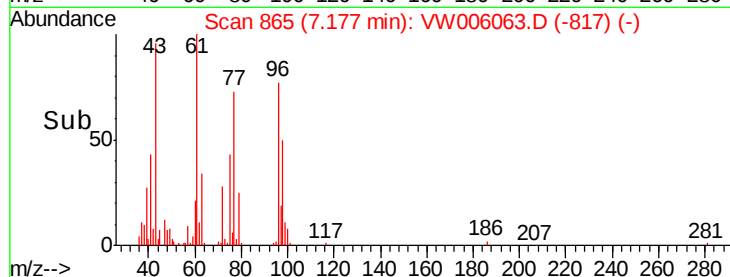
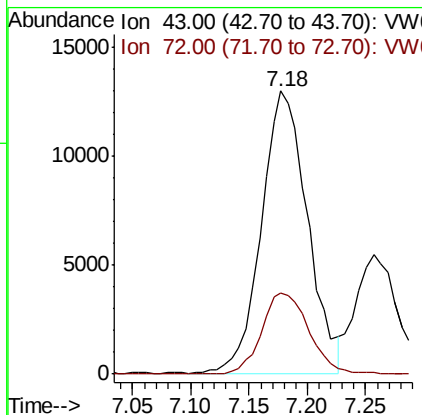
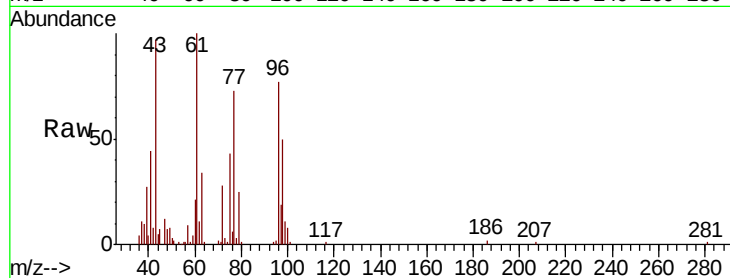
72 28.8 22.8 34.2

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#26

2,2-Dichloropropane

Concen: 9.887 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006063.D

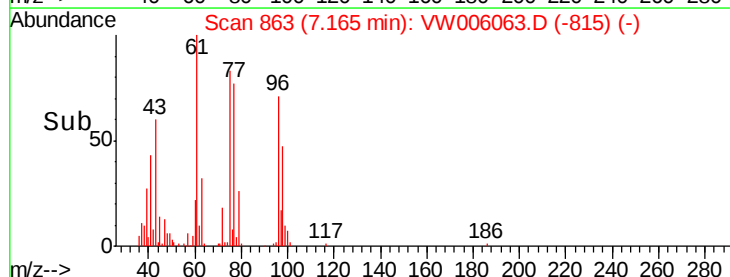
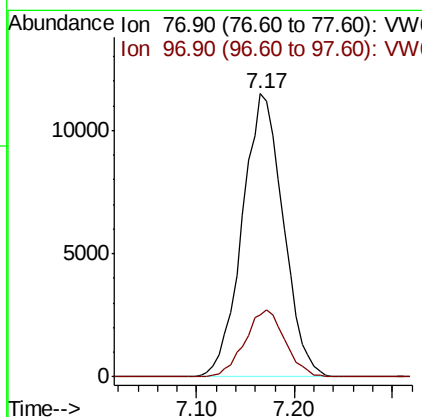
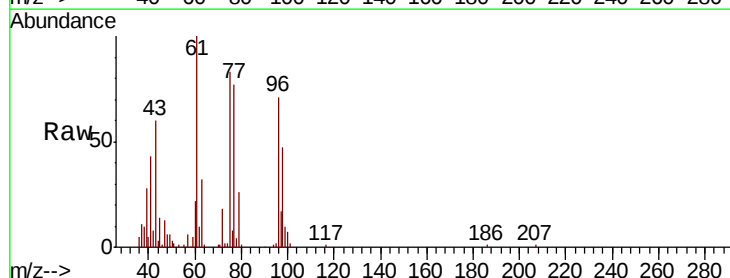
Acq: 15 Oct 2018 17:19

Tgt Ion: 77 Resp: 33376

Ion Ratio Lower Upper

77 100

97 23.1 12.2 36.4





#27

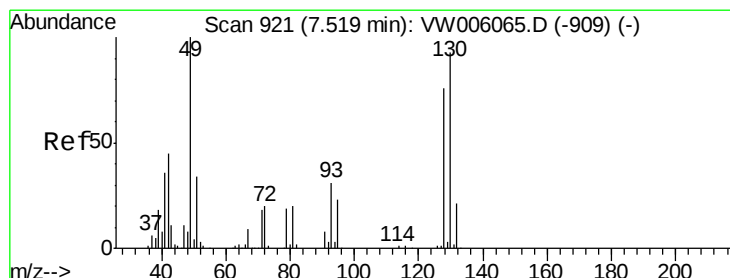
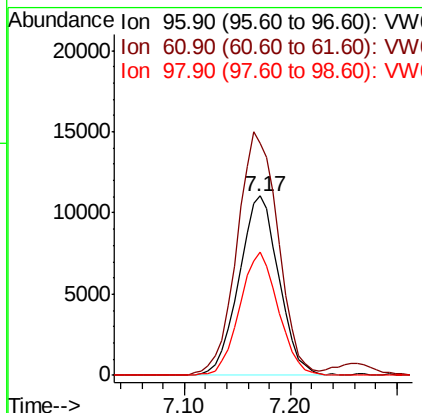
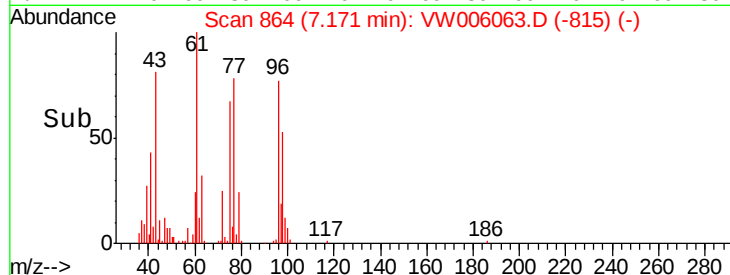
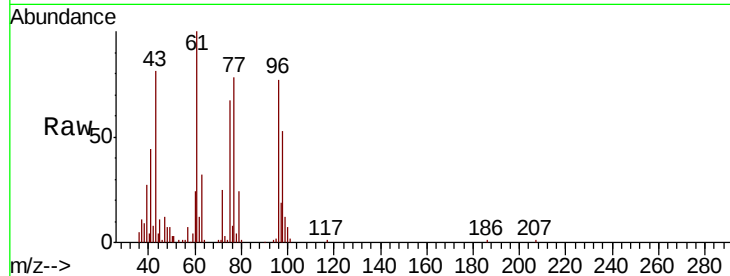
cis-1,2-Dichloroethene
 Concen: 9.463 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	267.2
98	66.5	0.0	128.6

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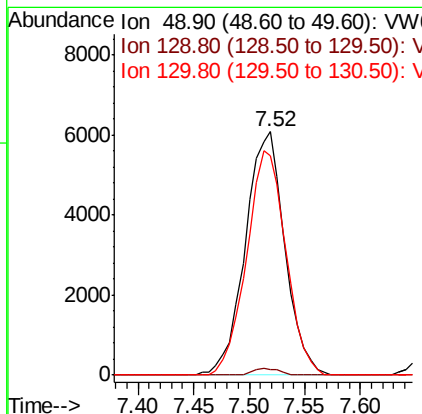
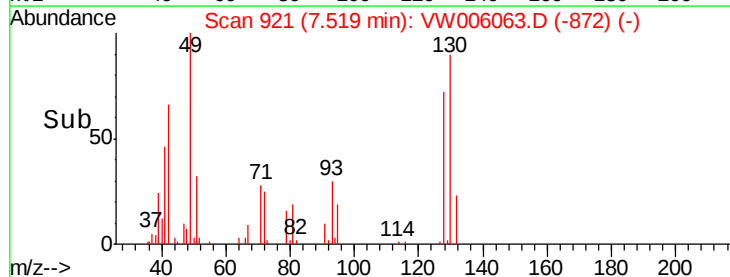
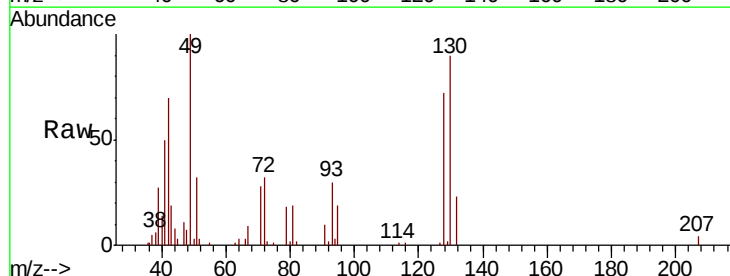
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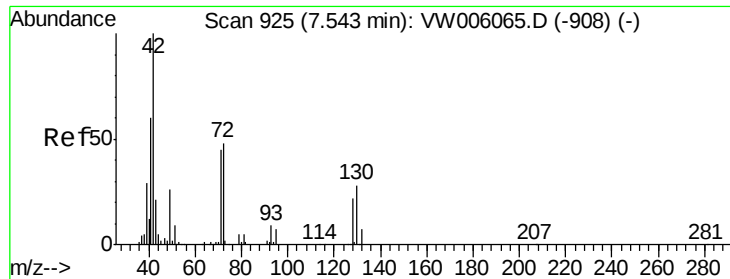


#28

Bromochloromethane
 Concen: 8.241 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	91.2	73.8	110.8





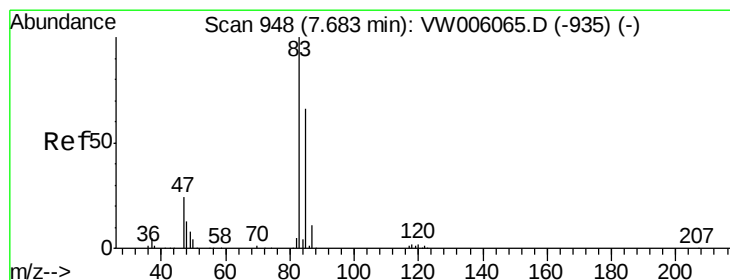
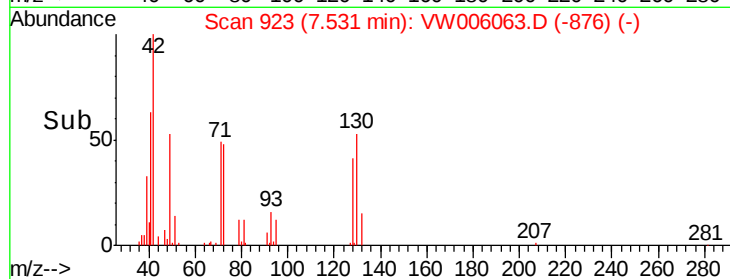
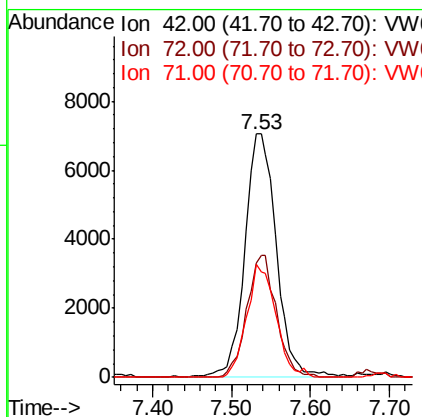
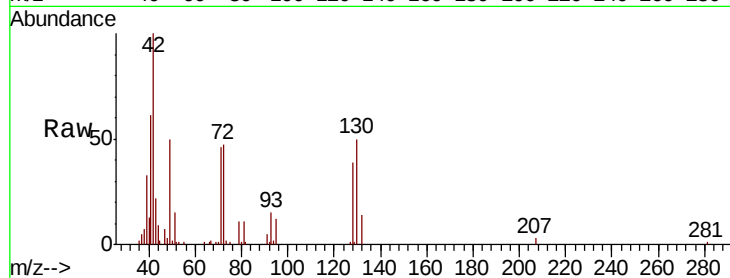
#29
Tetrahydrofuran
Concen: 40.691 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.0	57.0
71	42.9	35.3	52.9

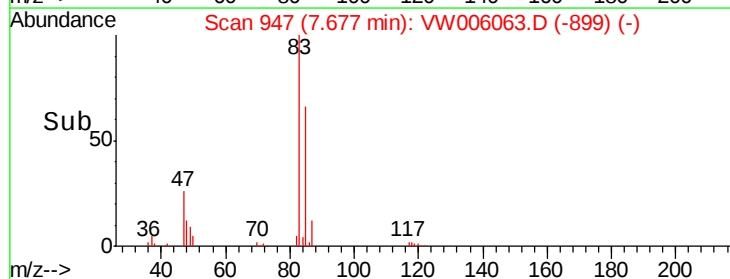
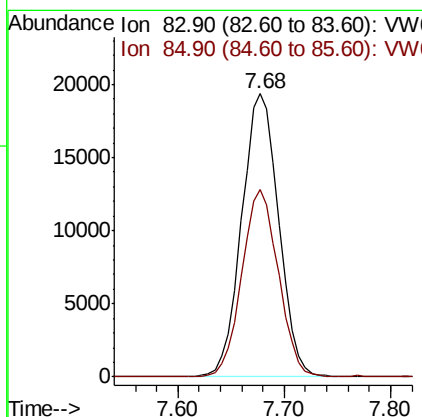
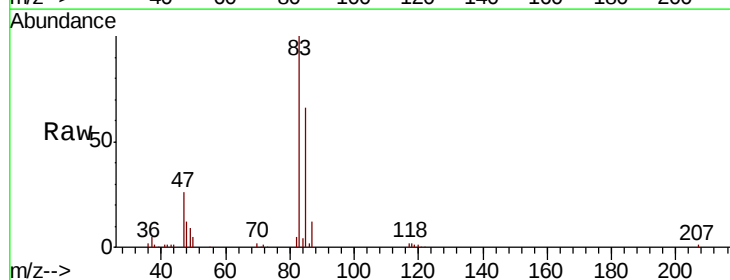
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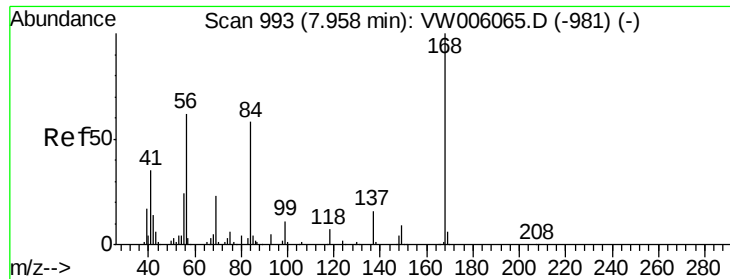
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#30
Chloroform
Concen: 9.461 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.6	79.0





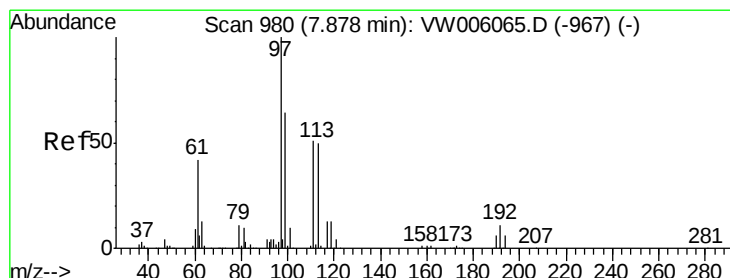
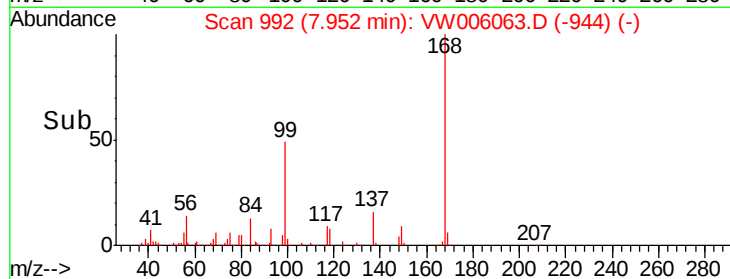
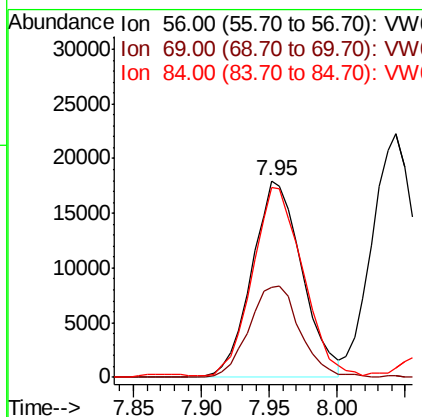
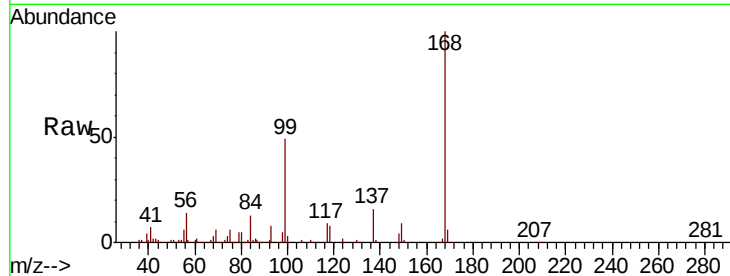
#31
Cyclohexane
Concen: 9.721 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.5	29.4	44.0#
84	96.0	74.0	111.0

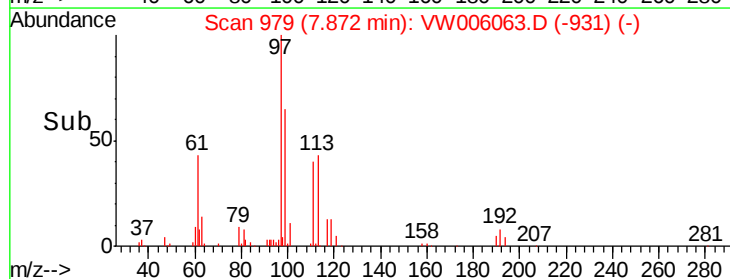
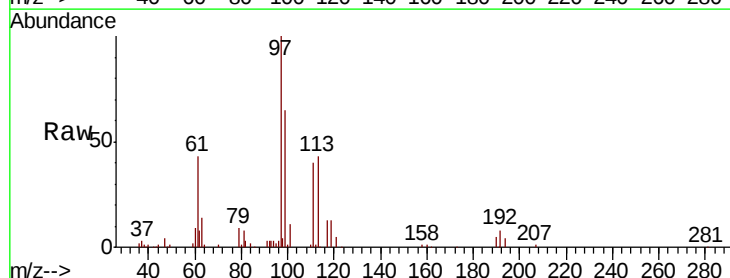
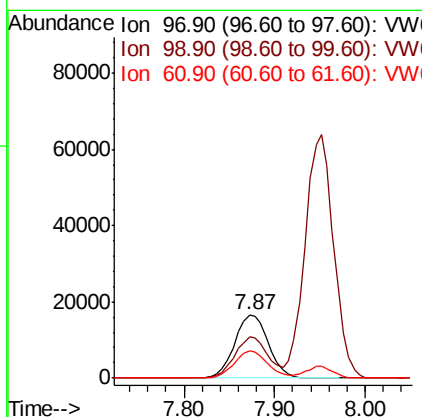
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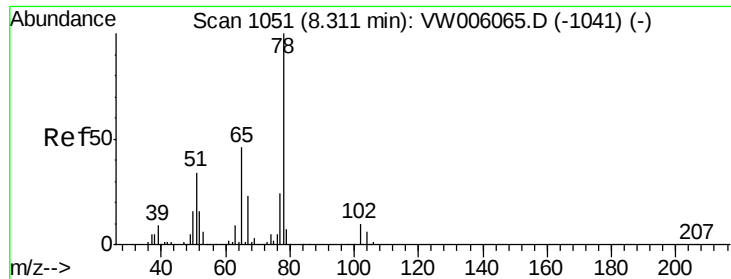
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#32
1,1,1-Trichloroethane
Concen: 9.666 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	41.9	33.7	50.5





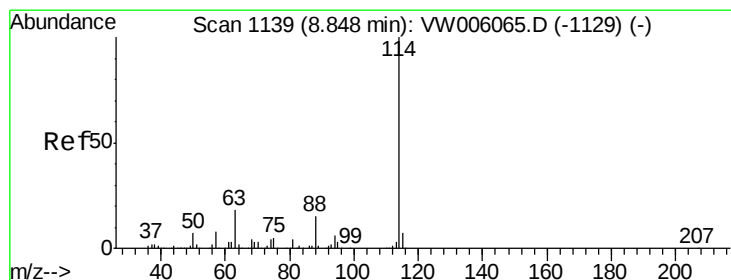
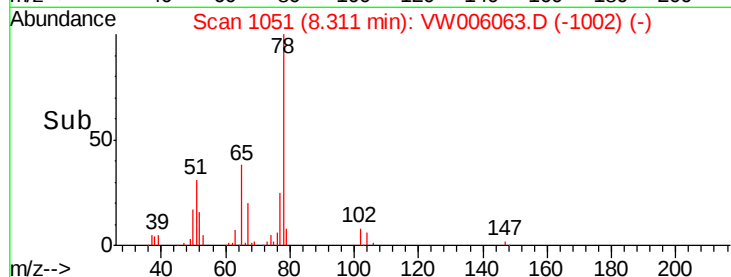
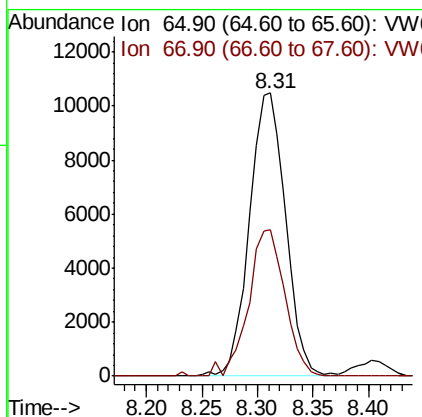
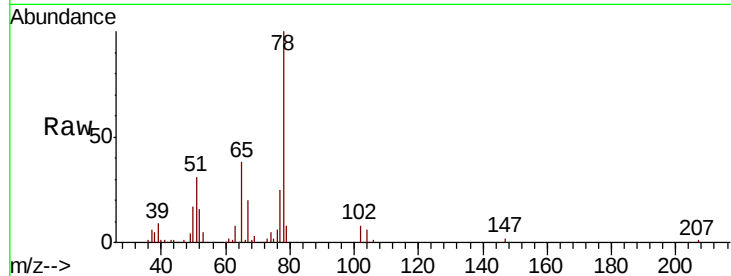
#33
 1,2-Dichloroethane-d4
 Concen: 8.737 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.0

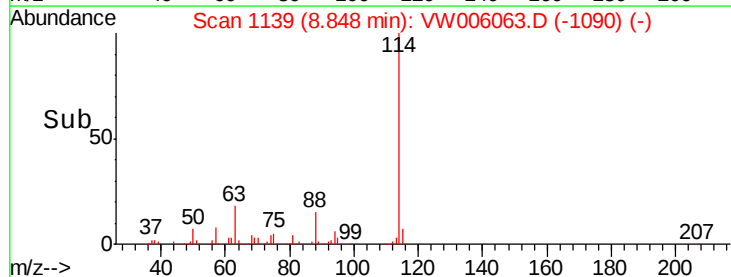
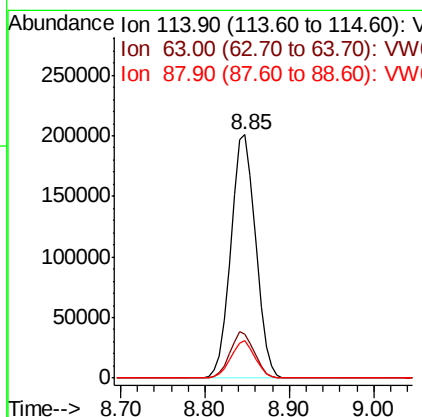
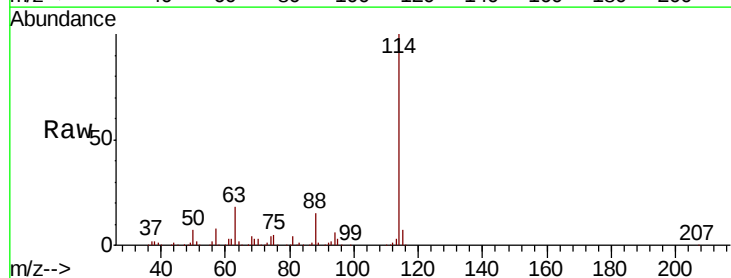
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.8
88	15.3	0.0	29.0





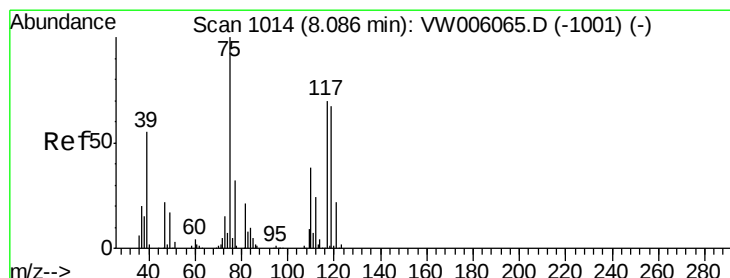
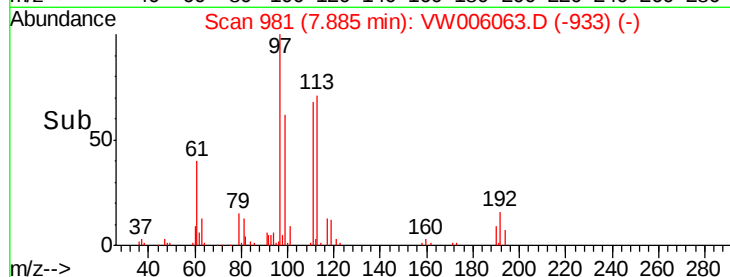
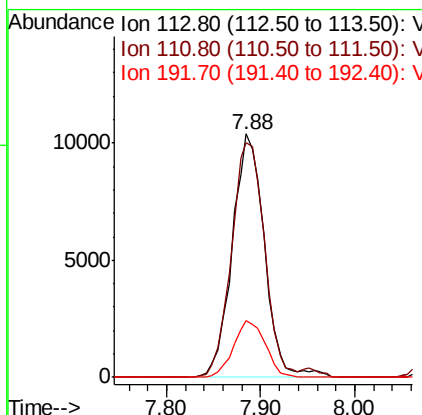
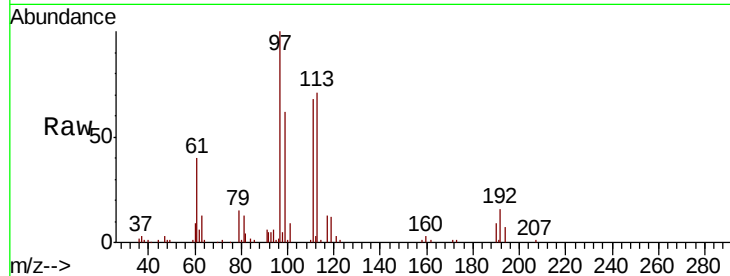
#35
 Dibromofluoromethane
 Concen: 9.792 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.2	81.4	122.0
192	22.9	18.7	28.1

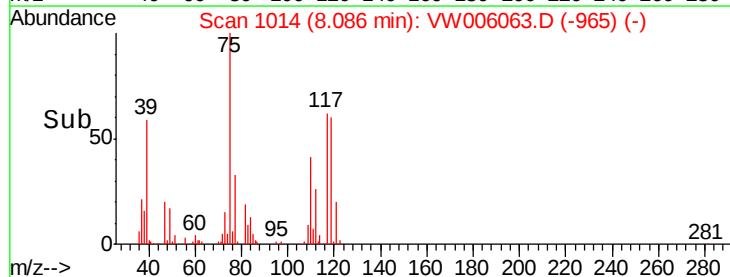
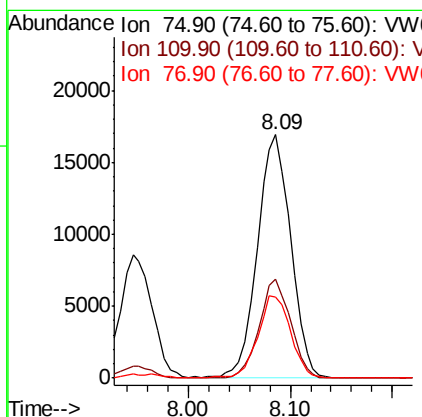
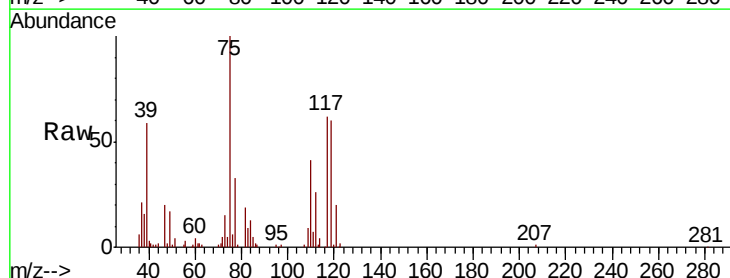
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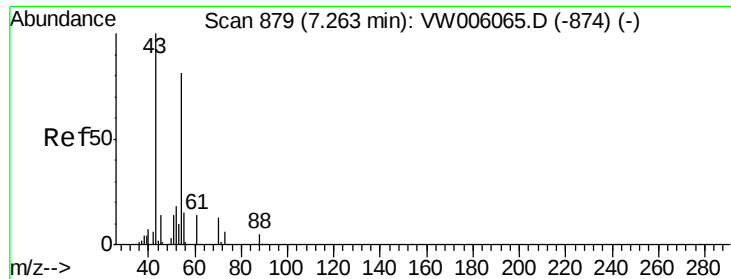
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#36
 1,1-Dichloropropene
 Concen: 10.186 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.1
77	33.3	25.0	37.4





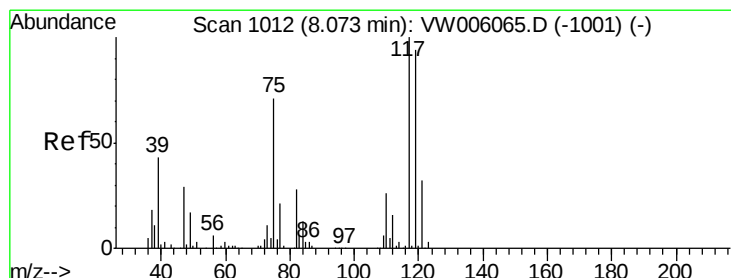
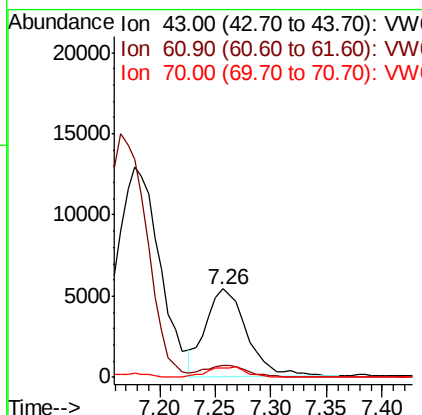
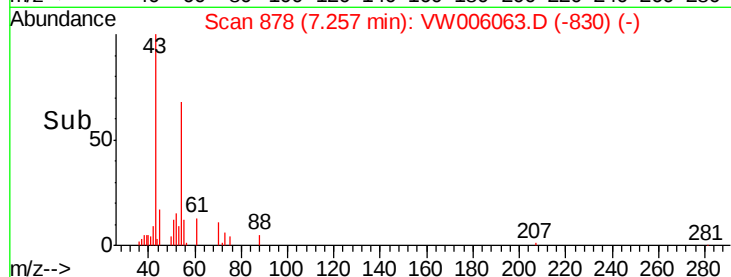
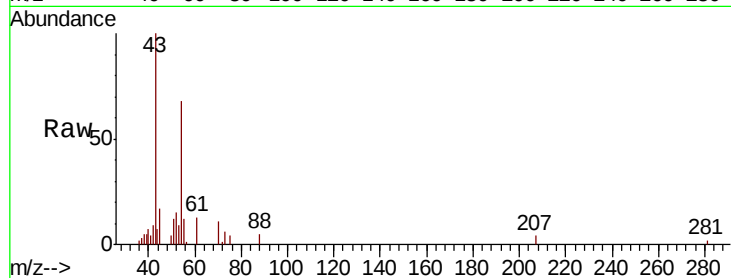
#37
Ethyl Acetate
Concen: 8.803 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	11.8	9.2	13.8

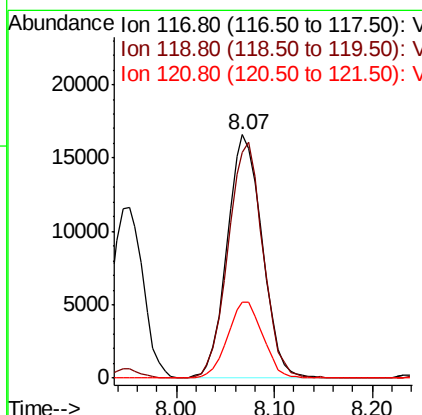
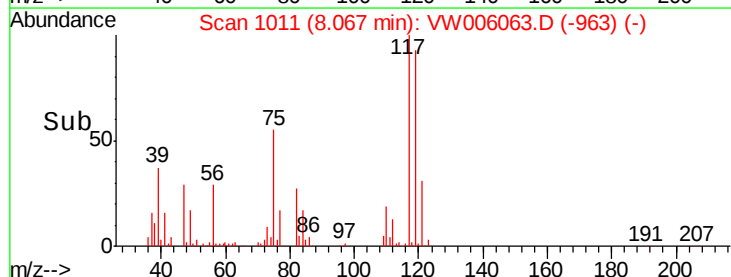
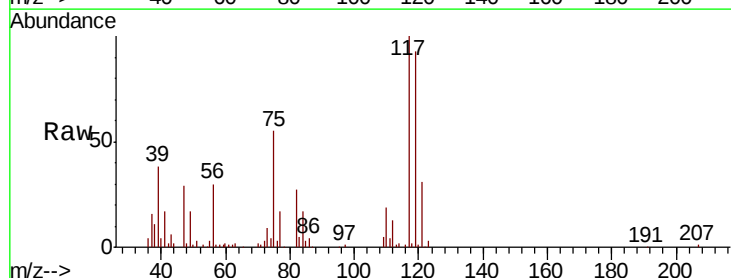
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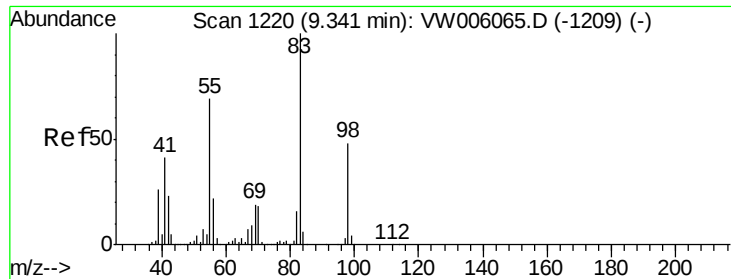
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#38
Carbon Tetrachloride
Concen: 10.118 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.2	112.8
121	31.0	25.3	37.9





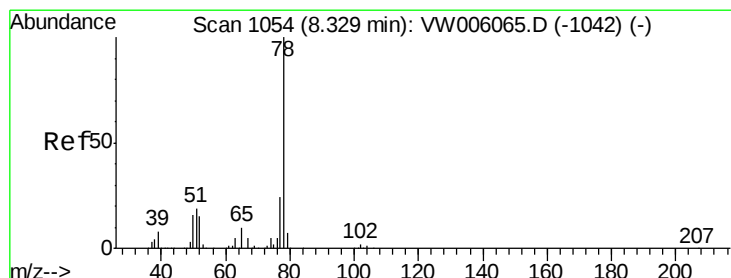
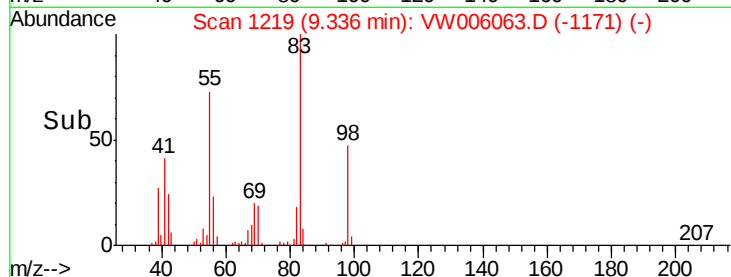
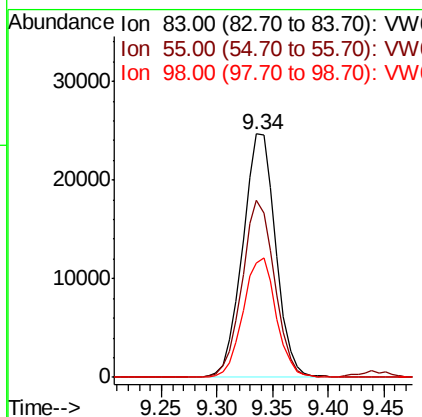
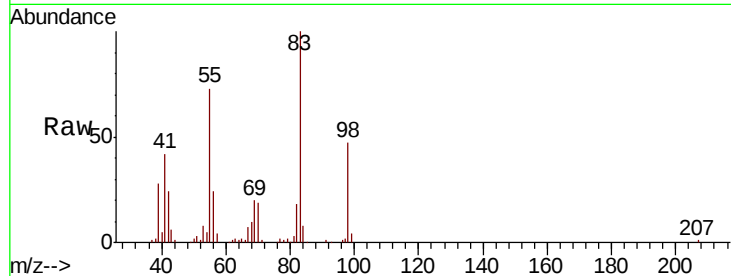
#39
Methvlcvclohexane
Concen: 10.214 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.6	55.0	82.6
98	47.0	38.6	57.8

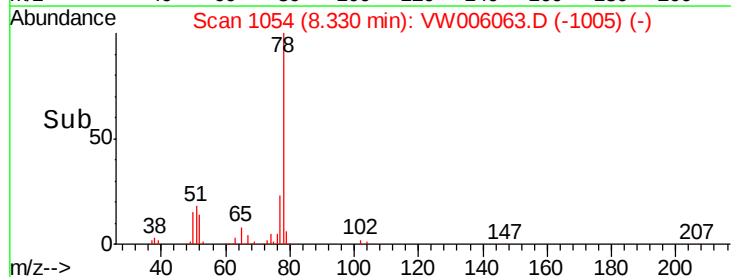
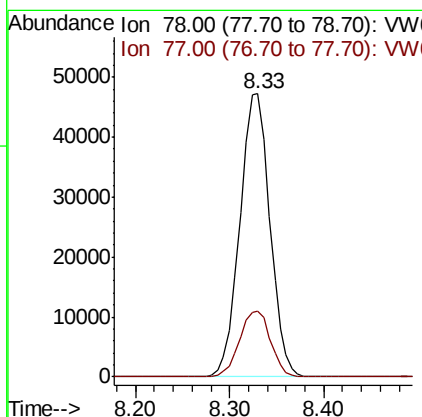
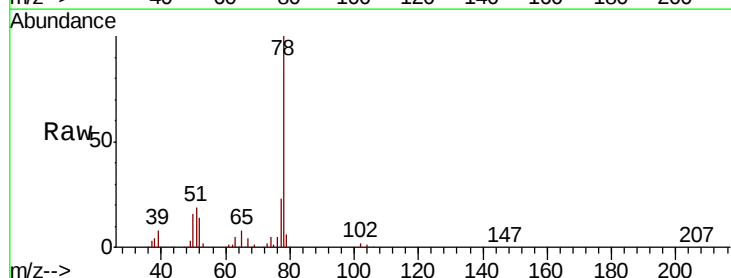
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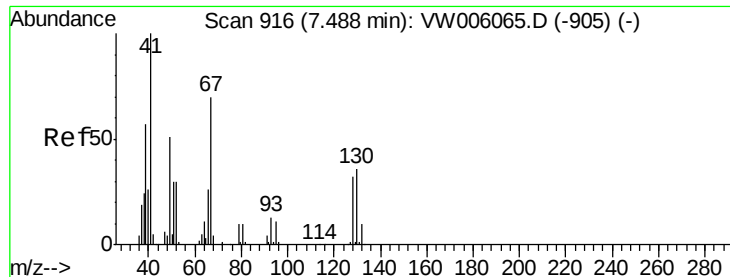
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#40
Benzene
Concen: 10.121 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





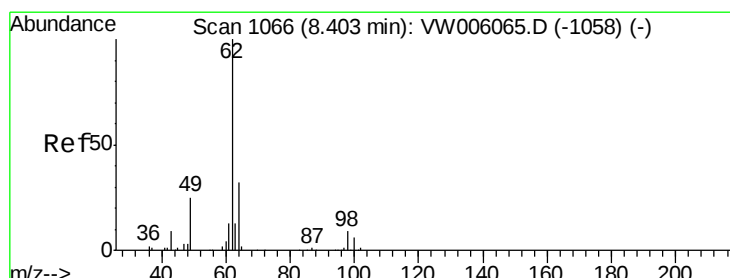
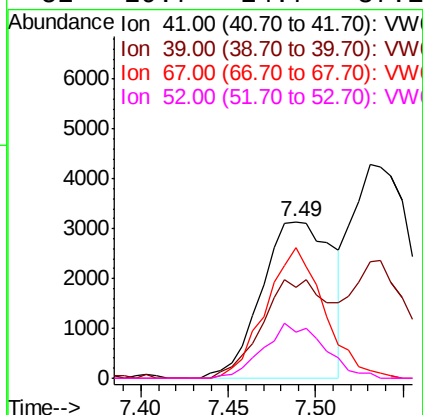
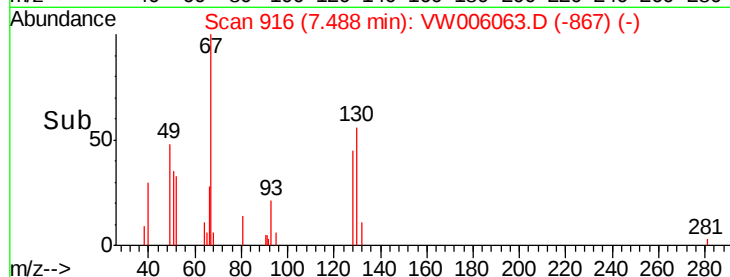
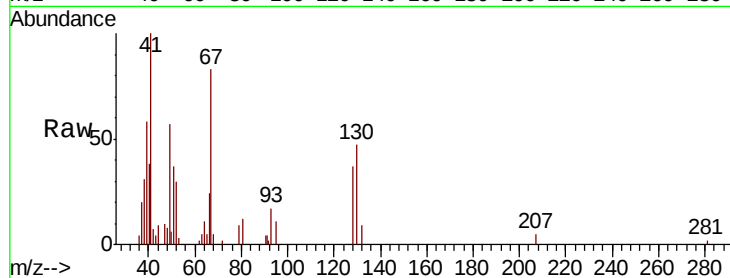
#41
Methacrylonitrile
Concen: 8.985 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	8901
Ion	Ratio	Lower	Upper
41	100		
39	54.3	46.2	69.4
67	68.8	57.7	86.5
52	29.7	24.7	37.1

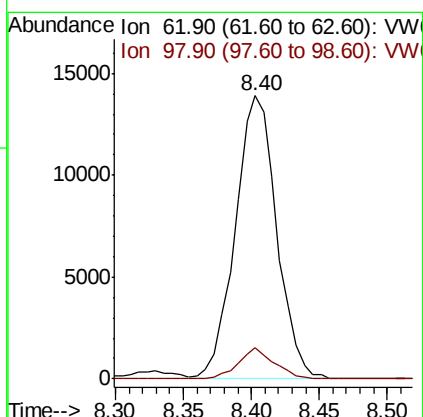
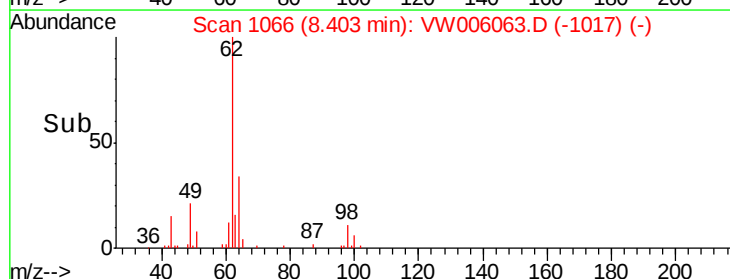
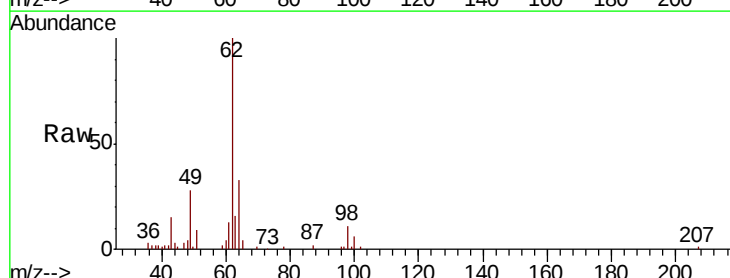
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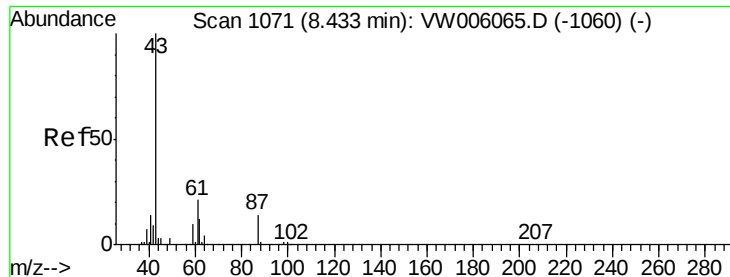
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#42
1,2-Dichloroethane
Concen: 9.449 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion:	62	Resp:	29524
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 8.466 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

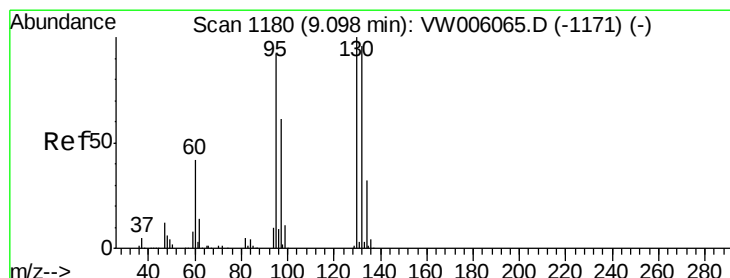
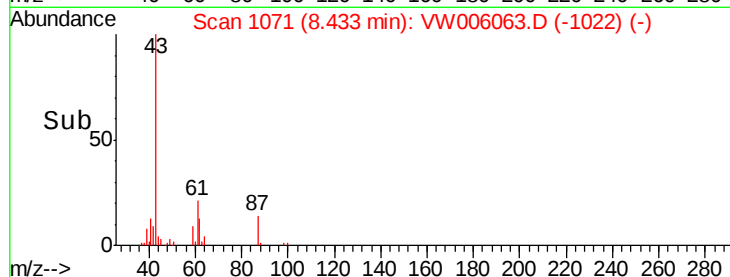
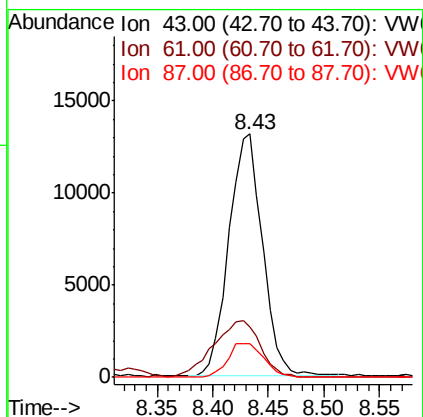
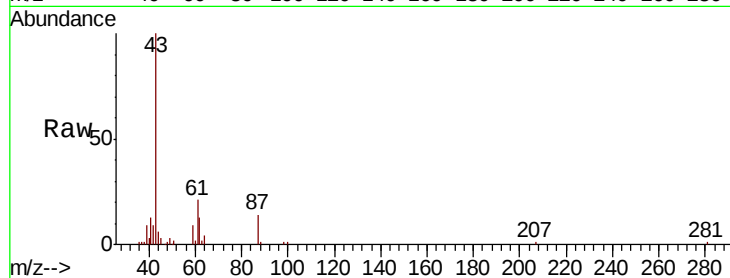
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	27694
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.5	38.3
87	14.9	11.7	17.5

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#44

Trichloroethene

Concen: 10.614 ug/l

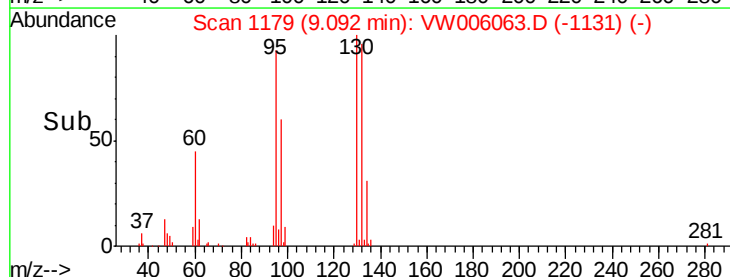
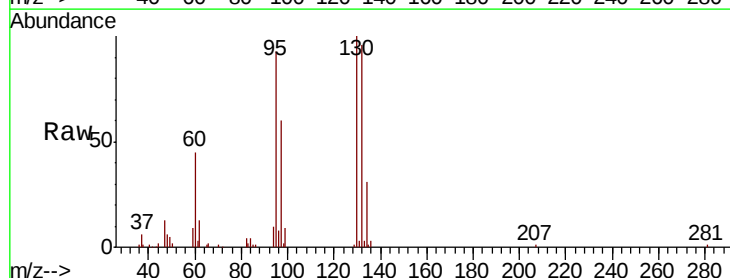
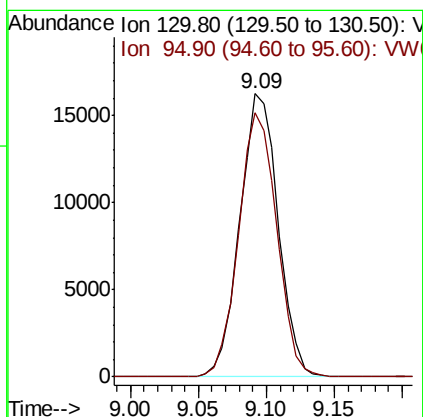
RT: 9.09 min Scan# 1179

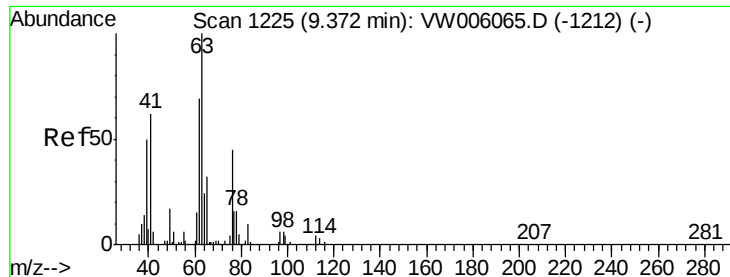
Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	130	Resp:	32058
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	183.2





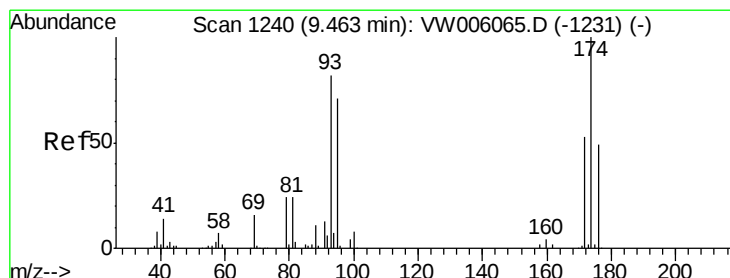
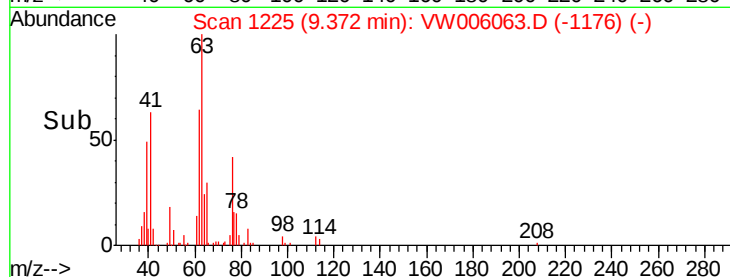
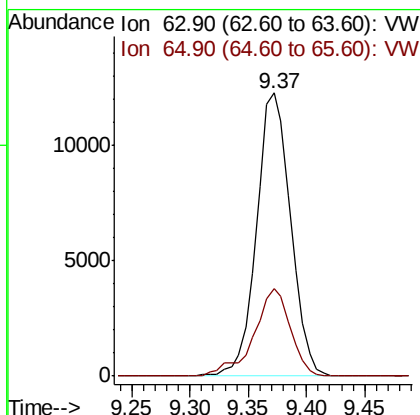
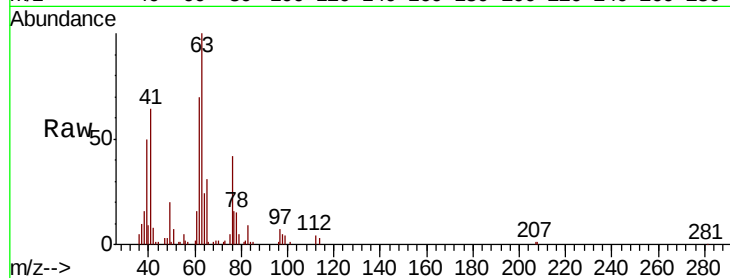
#45
1,2-Dichloropropane
Concen: 9.636 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.4	38.0

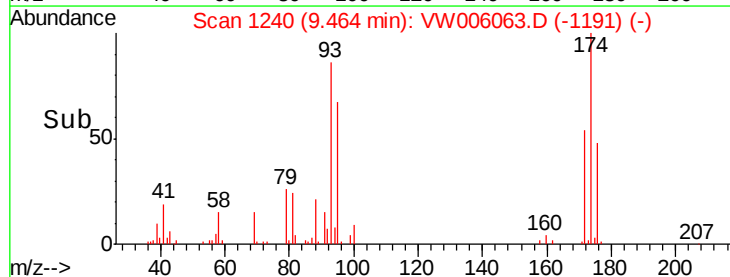
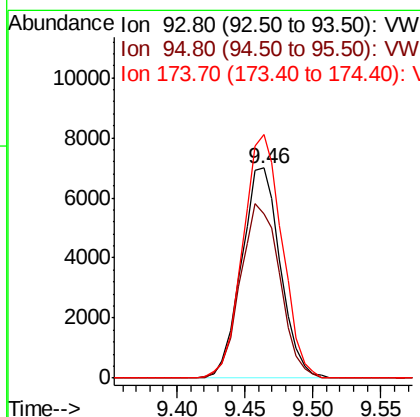
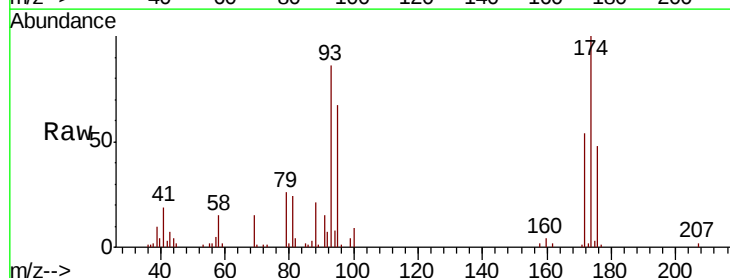
Manual Integrations
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#46
Dibromomethane
Concen: 9.814 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.7	101.5
174	116.7	93.7	140.5





#47

Bromodichloromethane

Concen: 9.244 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

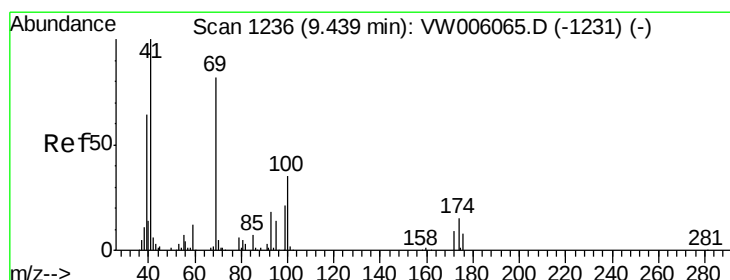
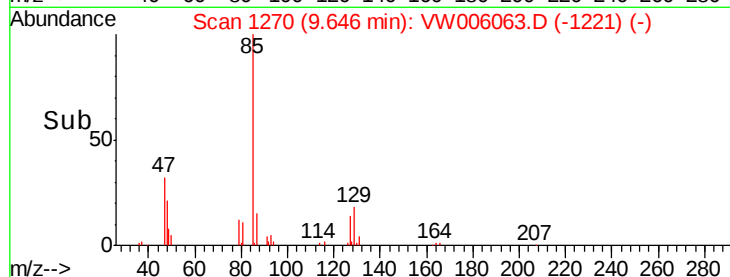
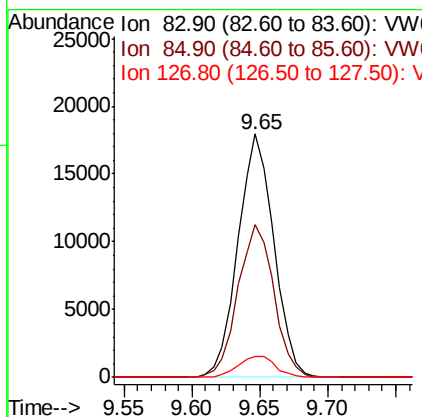
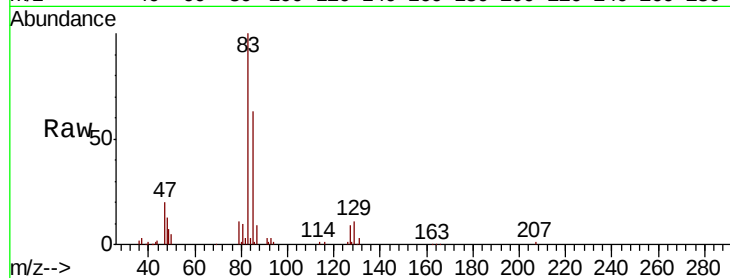
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	33040
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.8	77.8
127	8.6	6.9	10.3

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#48

Methyl methacrylate

Concen: 8.354 ug/l

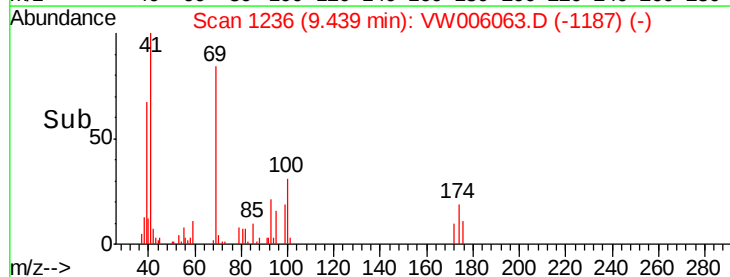
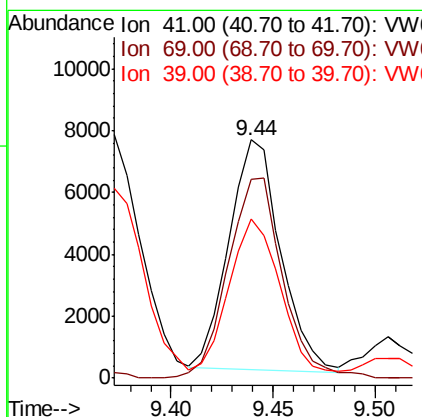
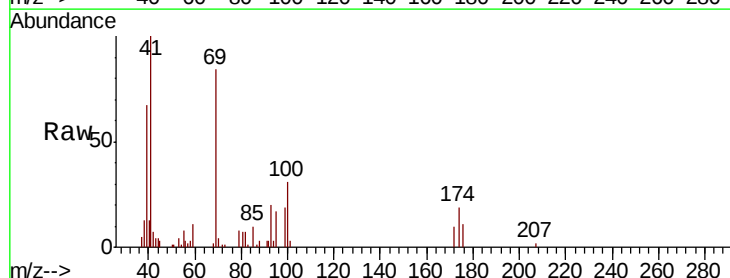
RT: 9.44 min Scan# 1236

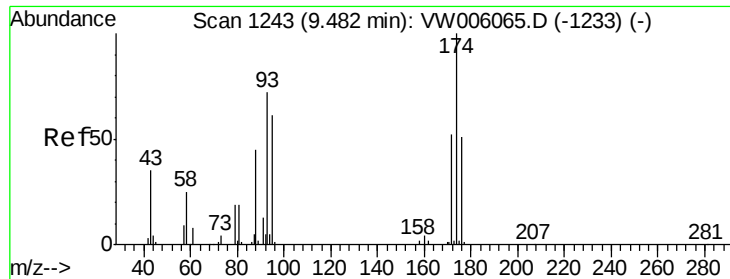
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	41	Resp:	13053
Ion Ratio	Lower	Upper	
41	100		
69	92.2	71.8	107.8
39	64.7	52.5	78.7





#49

1,4-Dioxane

Concen: 195.303 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

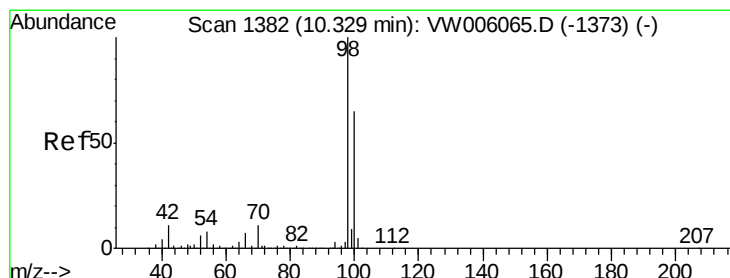
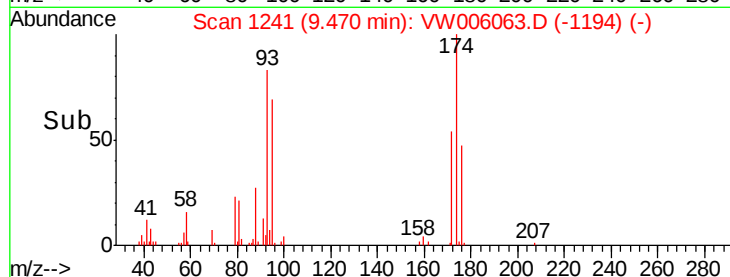
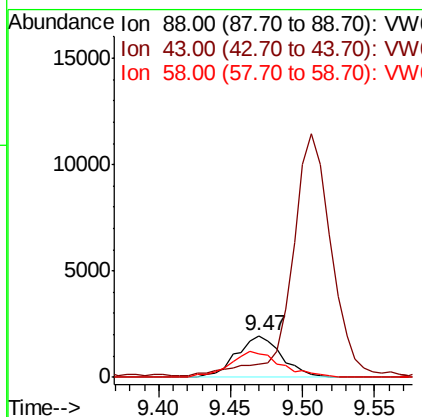
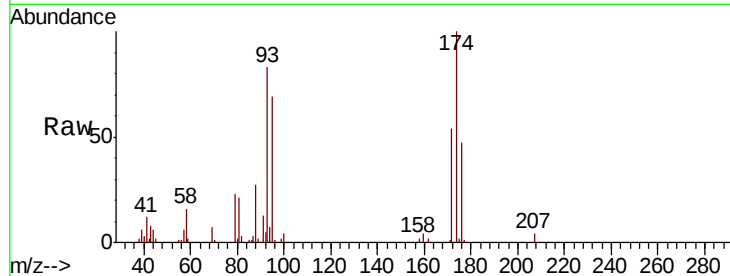
ClientSampleId :

VSTDIC010

Tot Ion:	88	Resp:	4251
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	71.8	51.2	76.8

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#50

Toluene-d8

Concen: 9.575 ug/l

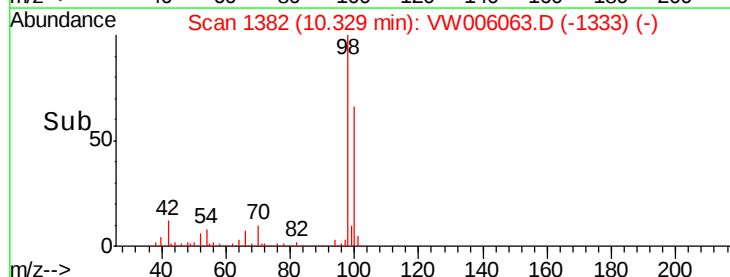
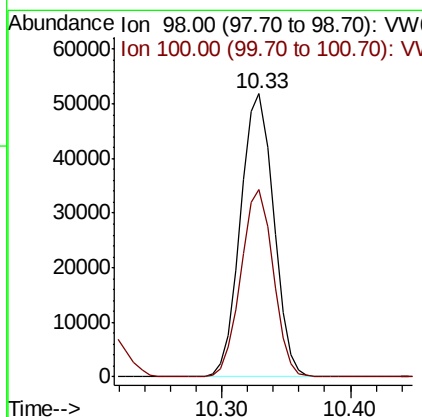
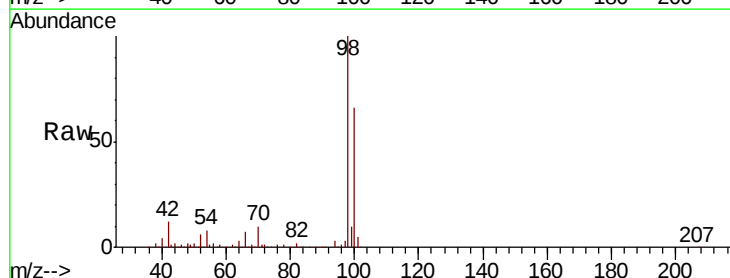
RT: 10.33 min Scan# 1382

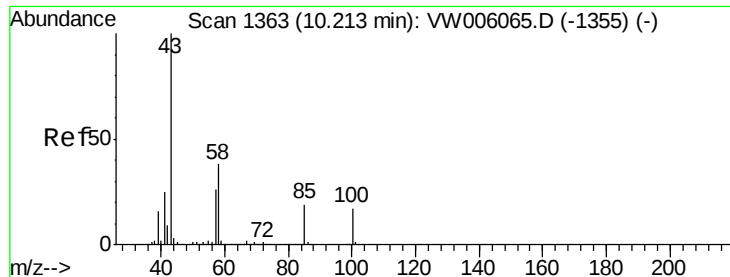
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	98	Resp:	92484
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 44.910 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 71870

Ion Ratio Lower Upper

43 100

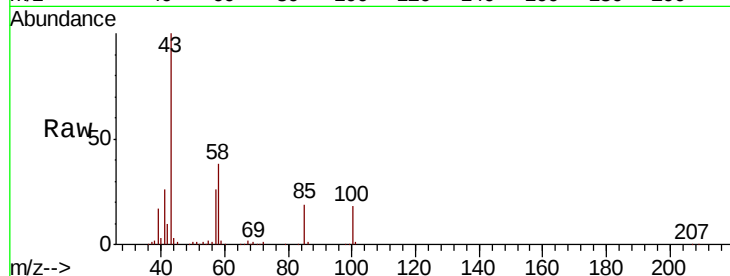
58 38.9 31.5 47.3

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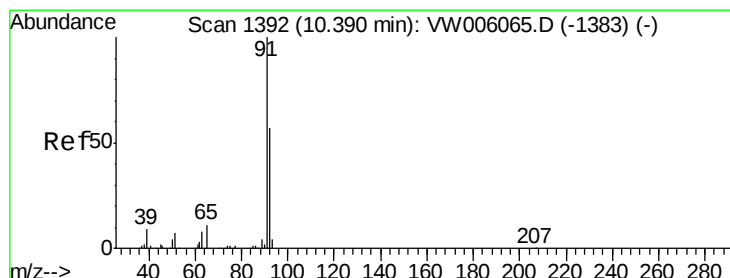
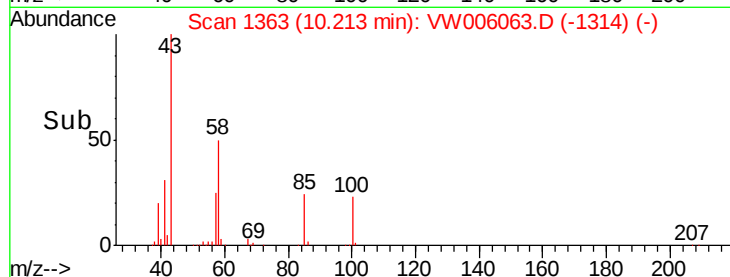
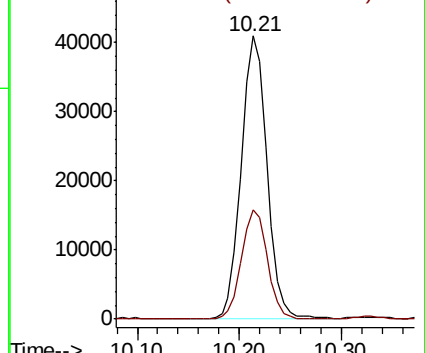
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 10.016 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006063.D

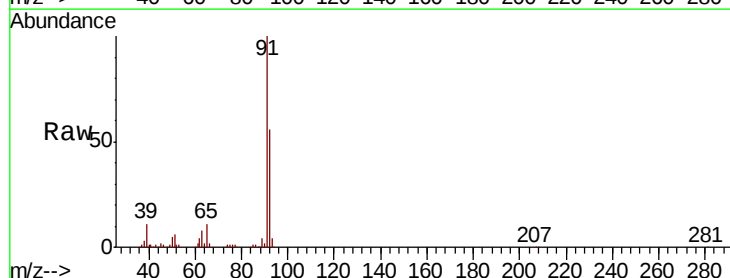
Acq: 15 Oct 2018 17:19

Tgt Ion: 92 Resp: 68344

Ion Ratio Lower Upper

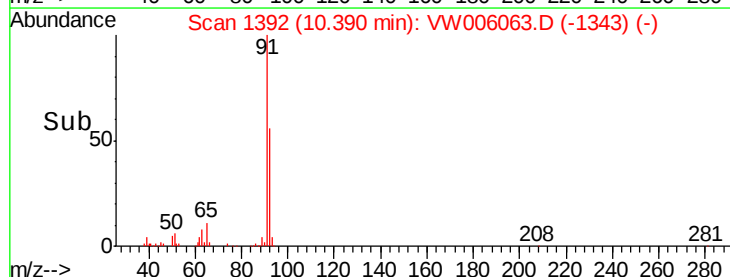
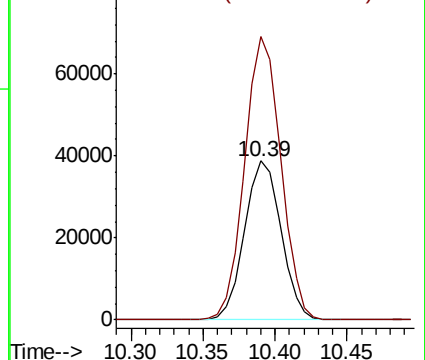
92 100

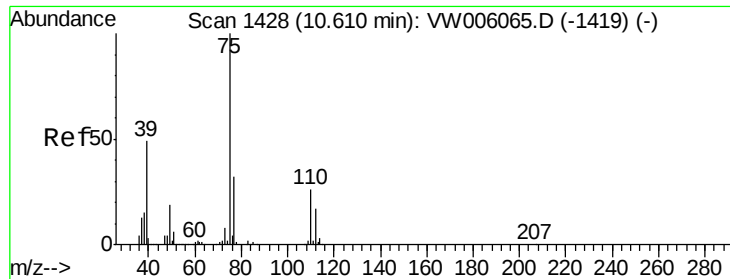
91 176.1 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 8.659 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 32071

Ion Ratio Lower Upper

75 100

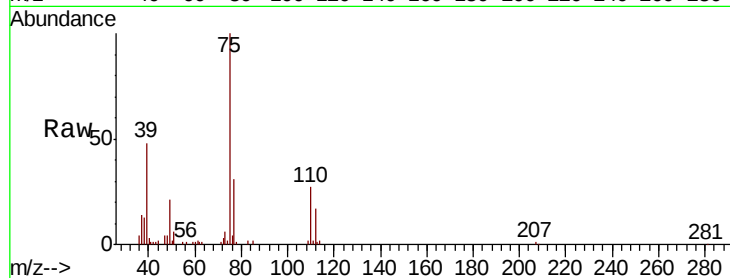
77 31.1 25.4 38.2

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

20000

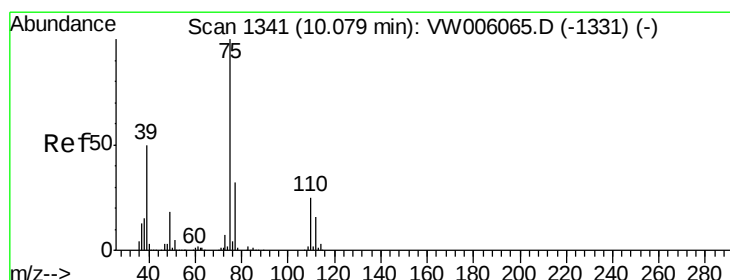
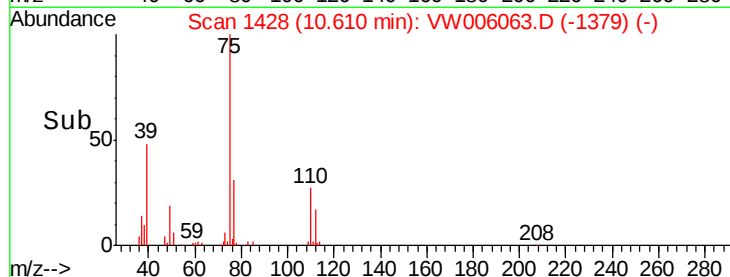
15000

10000

5000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 8.912 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

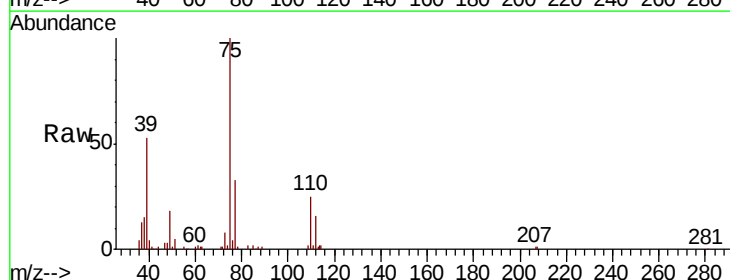
Tgt Ion: 75 Resp: 37251

Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

39 53.2 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.08

25000

20000

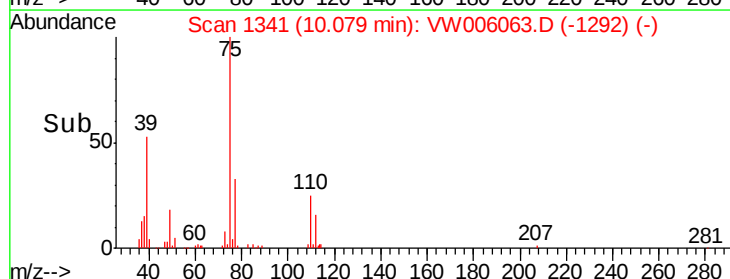
15000

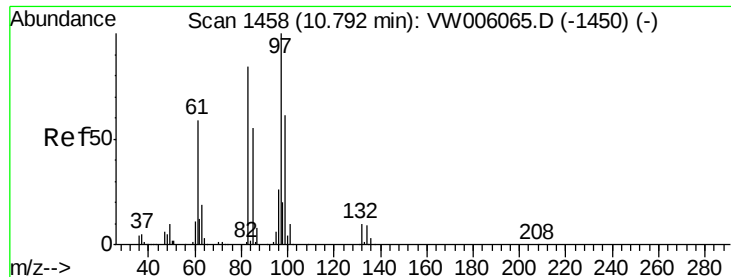
10000

5000

0

Time-->





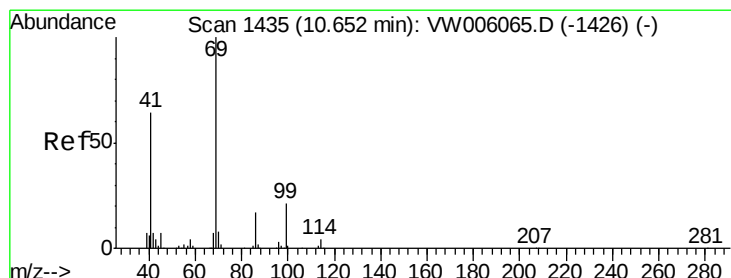
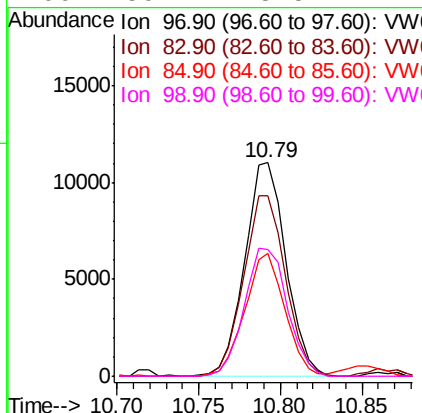
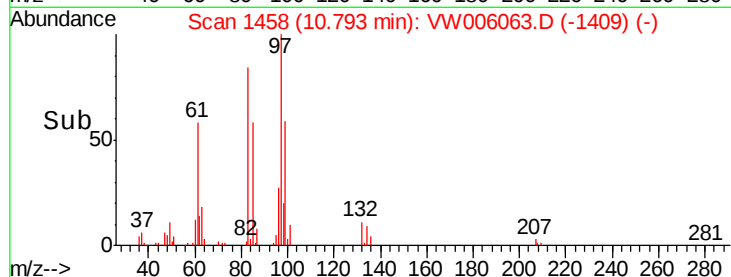
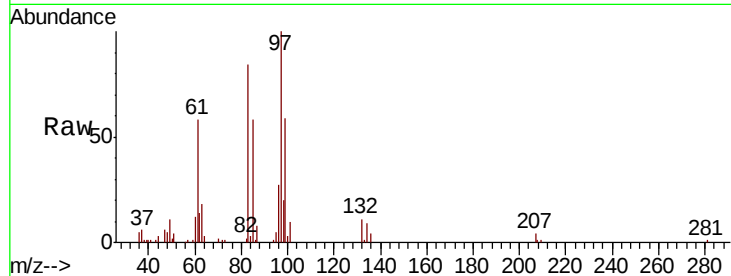
#55
 1,1,2-Trichloroethane
 Concen: 9.785 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	19374
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.2	100.8
85	57.6	43.7	65.5
99	59.2	48.5	72.7

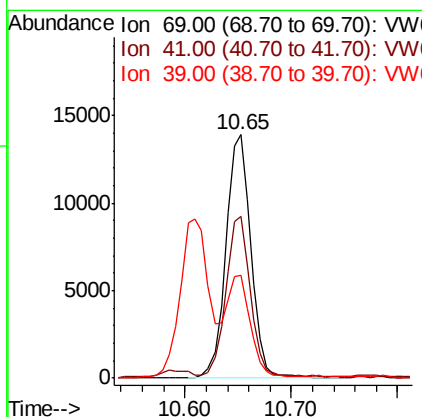
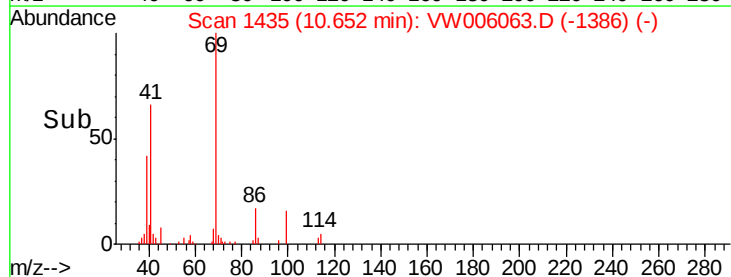
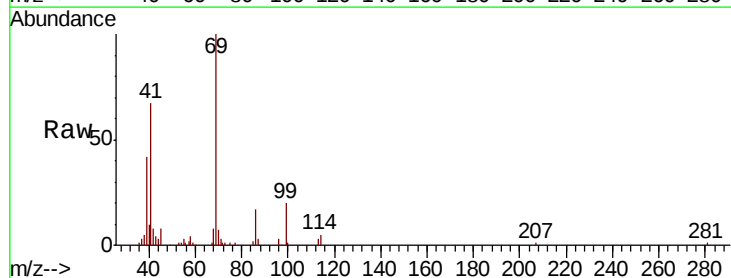
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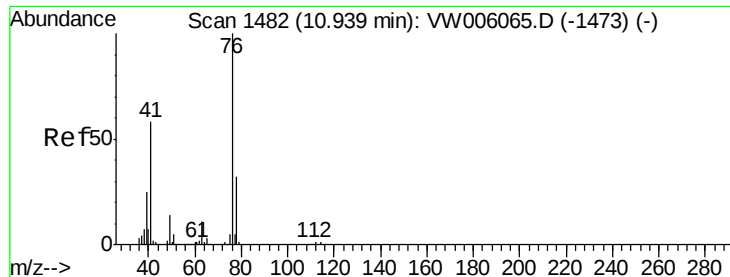
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#56
 Ethyl methacrylate
 Concen: 8.687 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion:	69	Resp:	22853
Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.8	79.2
39	37.3	30.6	45.8





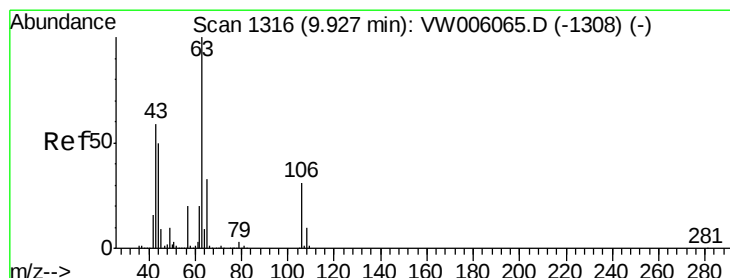
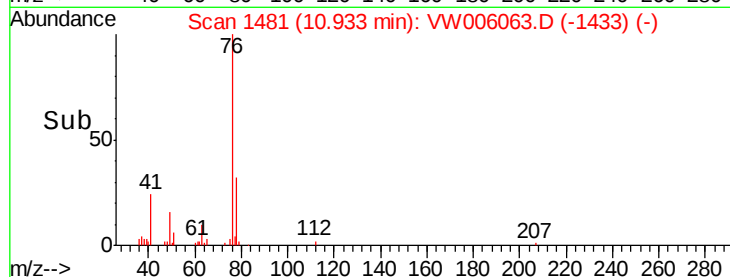
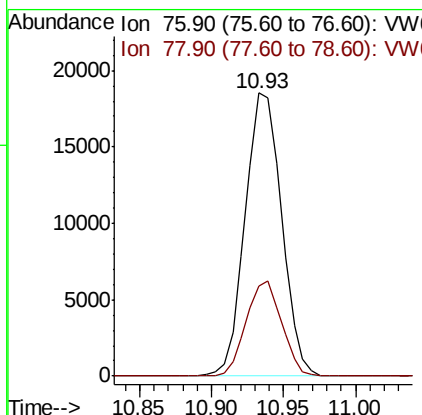
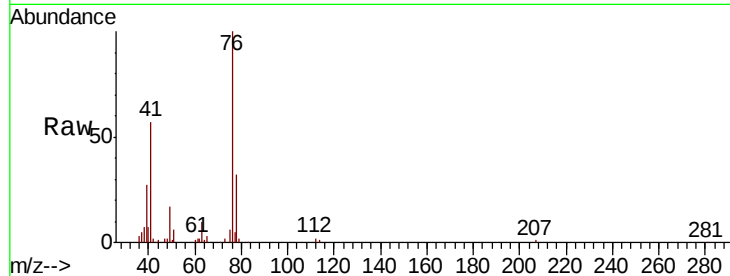
#57
 1,3-Dichloropropane
 Concen: 9.817 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 76 Resp: 32587
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9

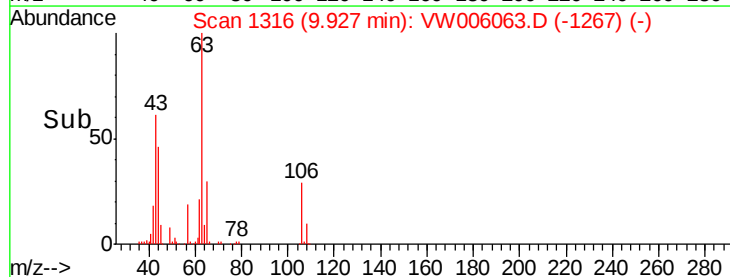
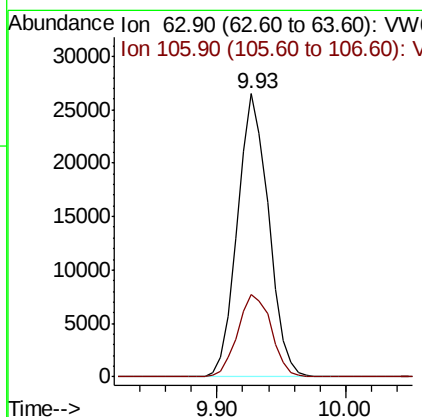
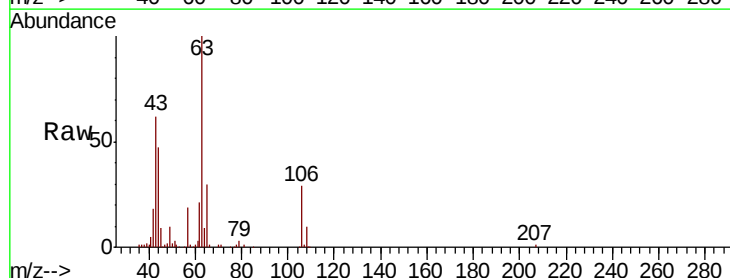
Manual Integrations
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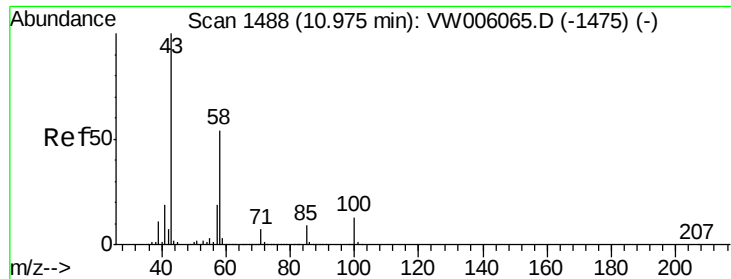
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#58
 2-Chloroethyl Vinyl ether
 Concen: 41.882 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion: 63 Resp: 44451
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.5 36.7





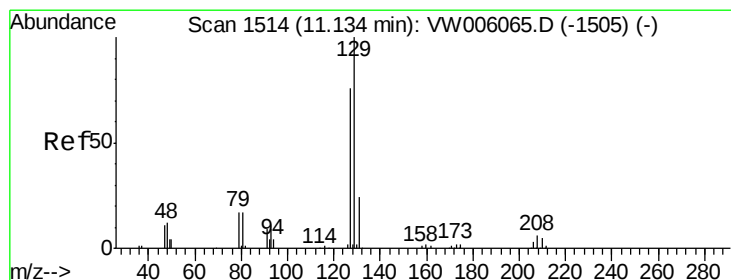
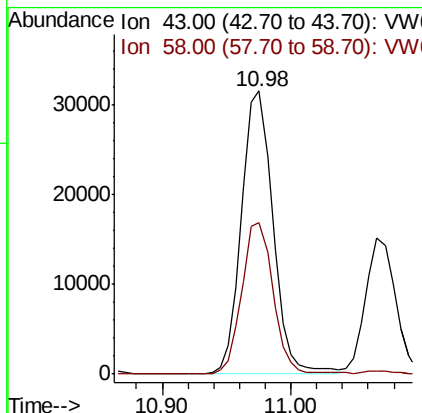
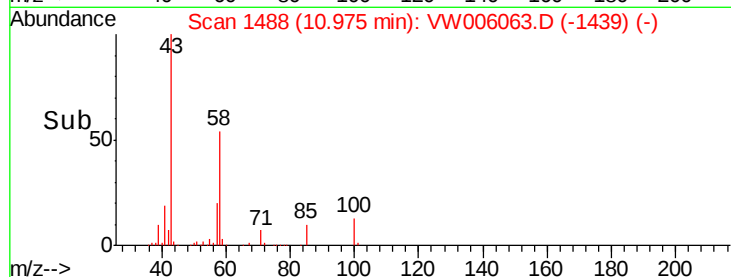
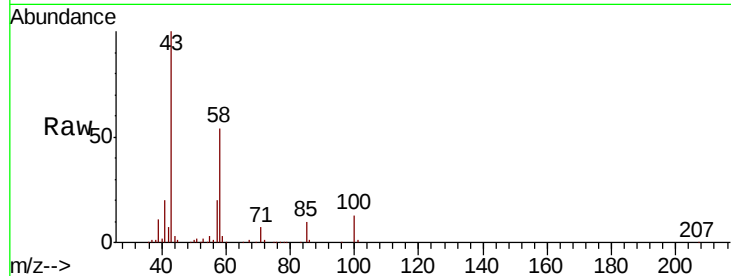
#59
2-Hexanone
Concen: 47.000 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 53639
Ion Ratio Lower Upper
43 100
58 52.9 26.9 80.6

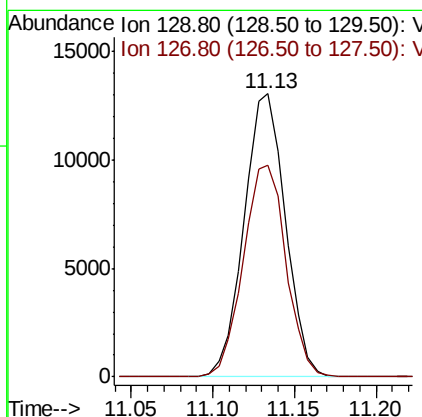
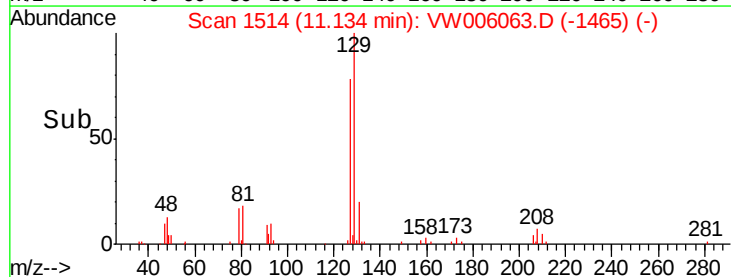
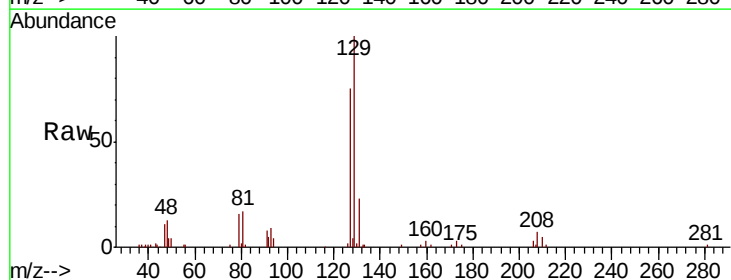
Manual Integrations
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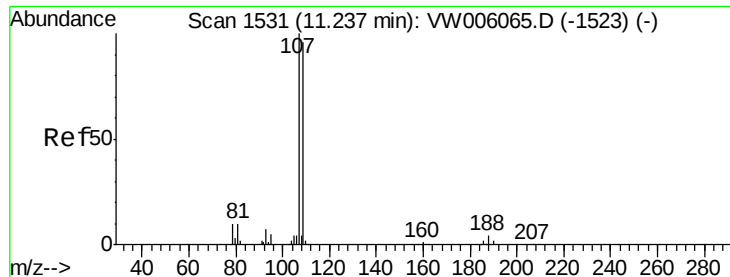
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#60
Dibromochloromethane
Concen: 9.061 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion: 129 Resp: 23060
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7





#61

1,2-Dibromoethane

Concen: 9.609 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 107 Resp: 19028

Ion Ratio Lower Upper

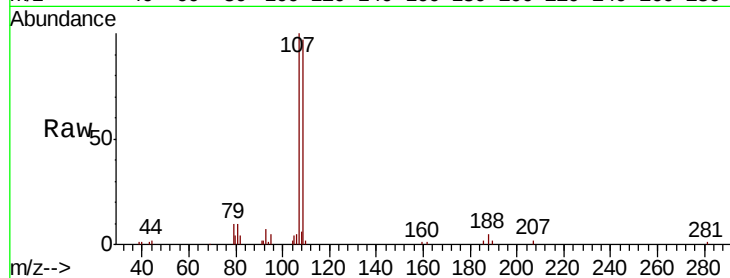
107 100

109 96.9 76.3 114.5

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

12000

10000

8000

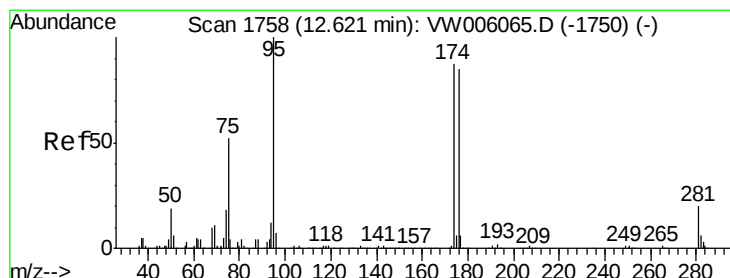
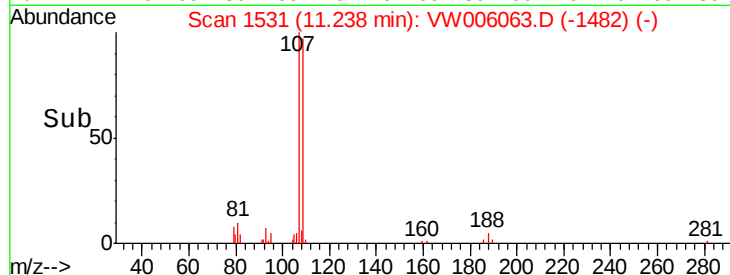
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 9.419 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

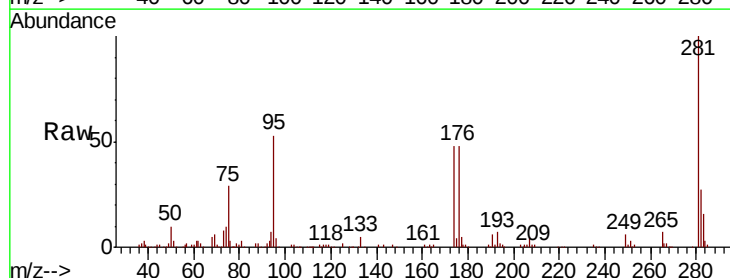
Tgt Ion: 95 Resp: 34588

Ion Ratio Lower Upper

95 100

174 94.5 0.0 186.0

176 91.8 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

25000

20000

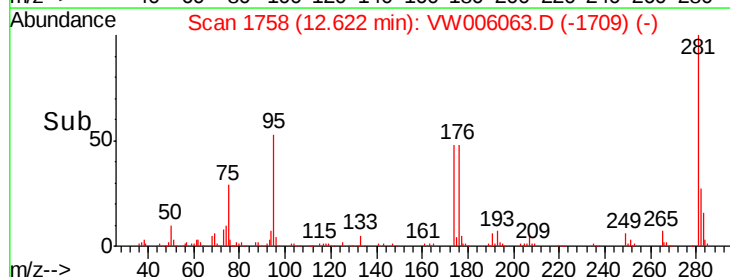
15000

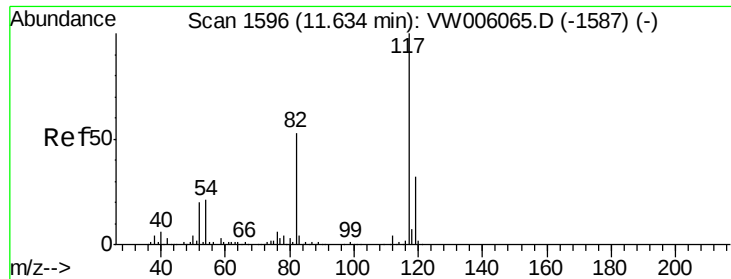
10000

5000

0

Time--> 12.55 12.60 12.65 12.70





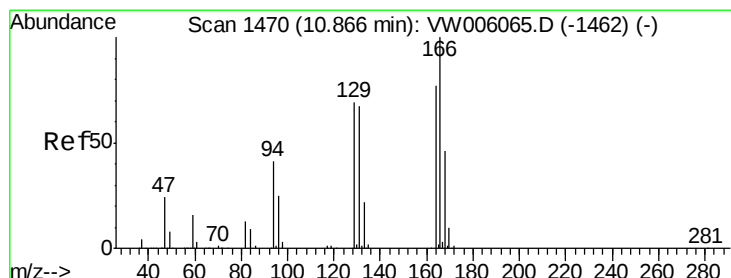
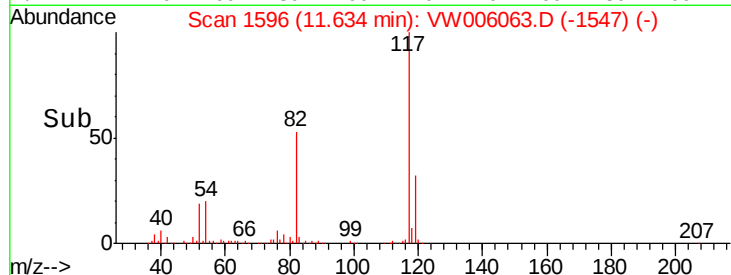
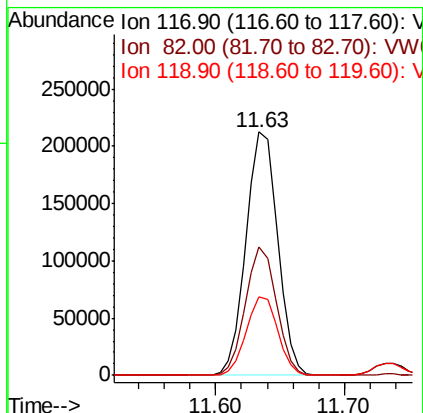
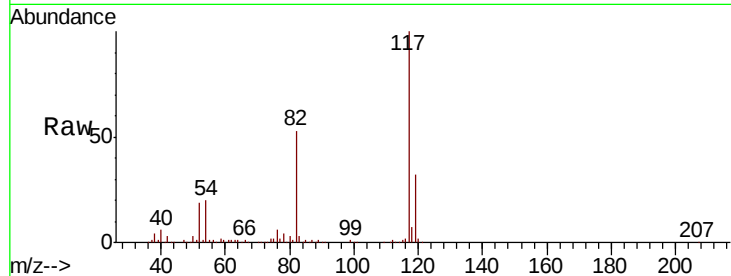
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.1	63.1
119	32.3	25.8	38.6

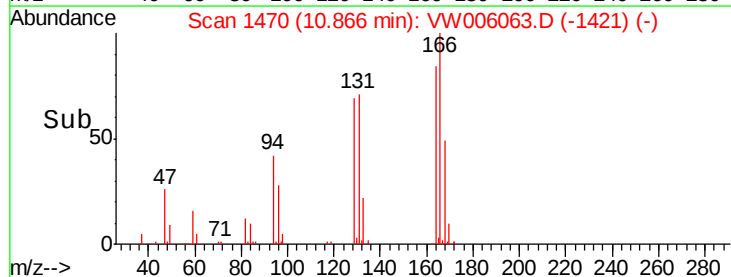
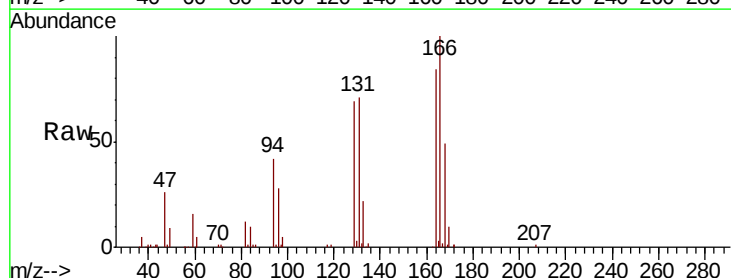
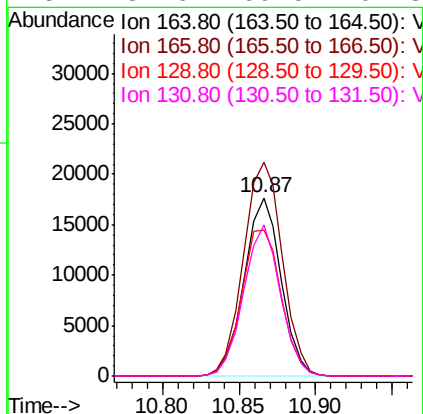
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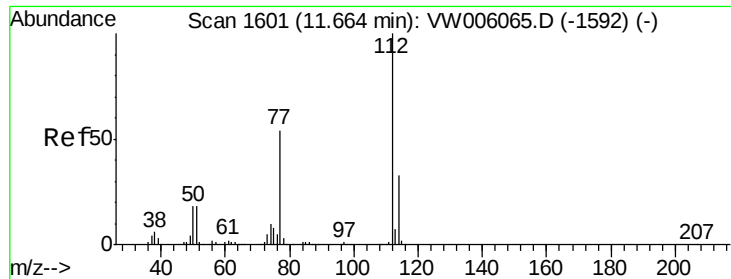
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#64
Tetrachloroethene
Concen: 10.998 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.7	103.4	155.0
129	82.0	71.8	107.8
131	84.6	69.5	104.3





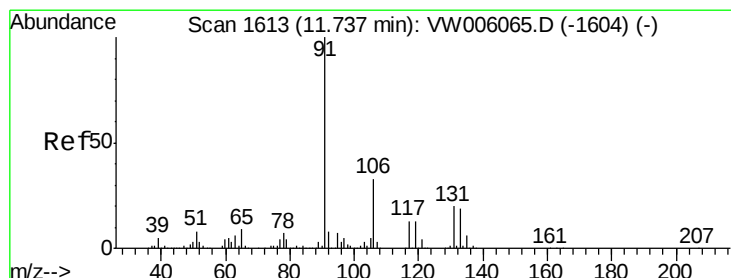
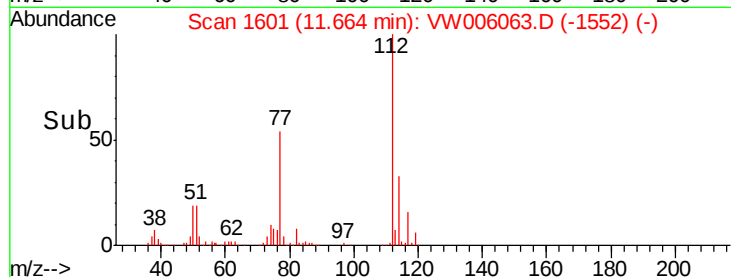
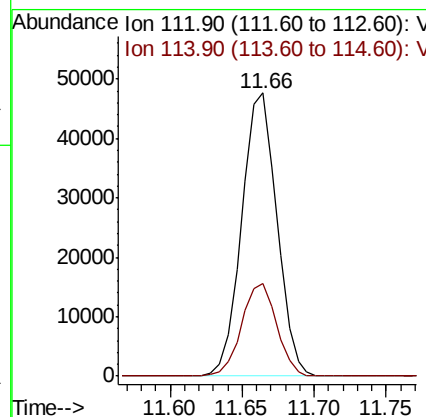
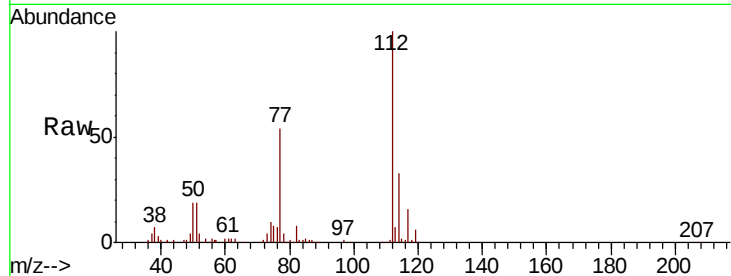
#65
Chlorobenzene
Concen: 10.516 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion:112 Resp: 80629
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2

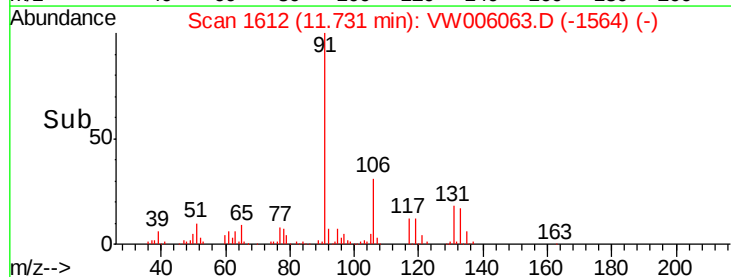
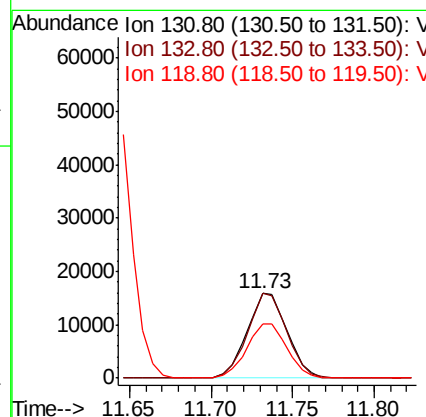
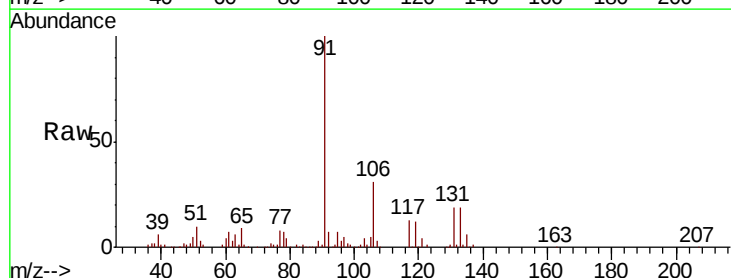
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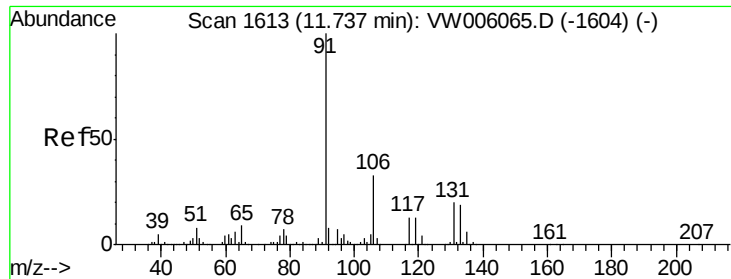
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.670 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion:131 Resp: 27181
Ion Ratio Lower Upper
131 100
133 98.0 48.1 144.3
119 65.1 31.6 94.7





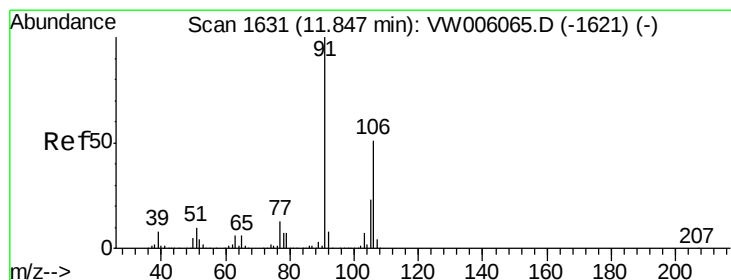
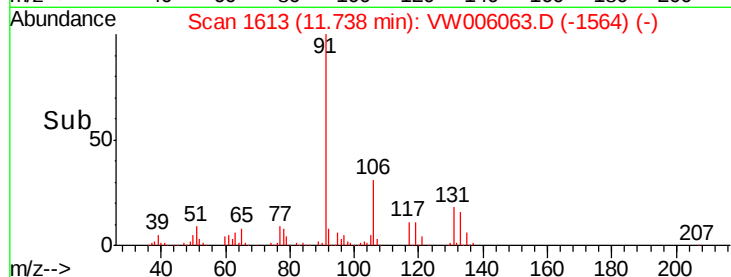
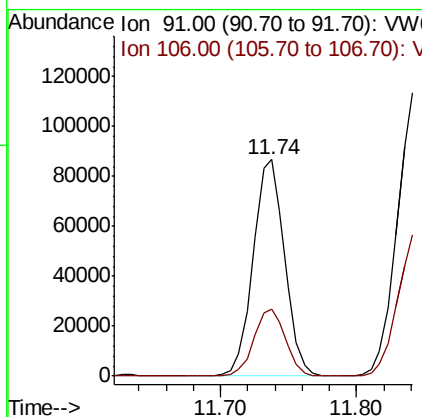
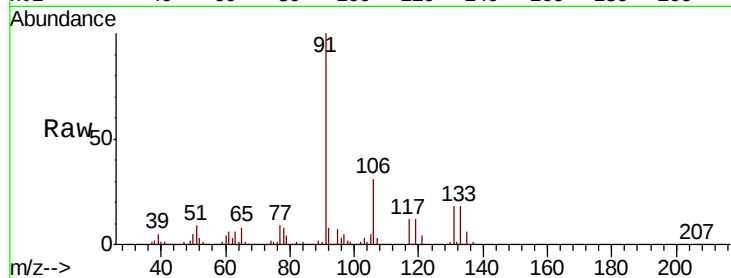
#67
Ethyl Benzene
Concen: 10.435 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 140814
Ion Ratio Lower Upper
91 100
106 31.2 26.1 39.1

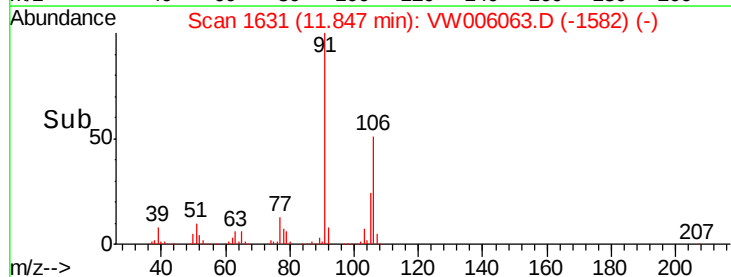
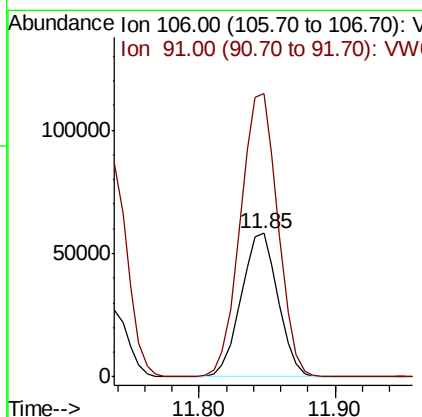
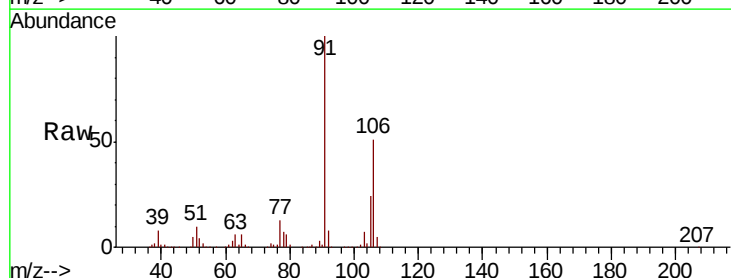
Manual Integrations
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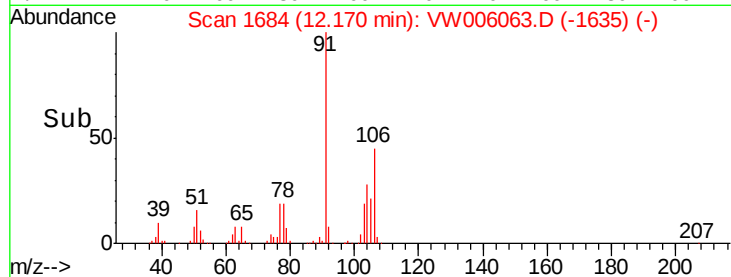
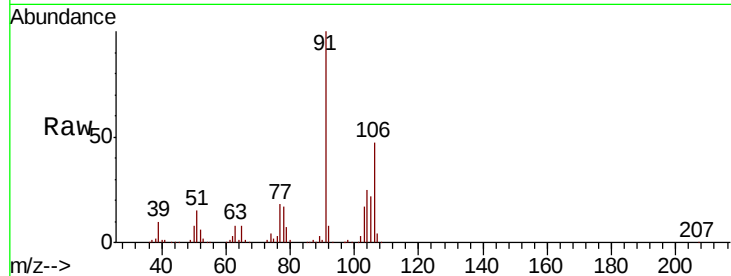
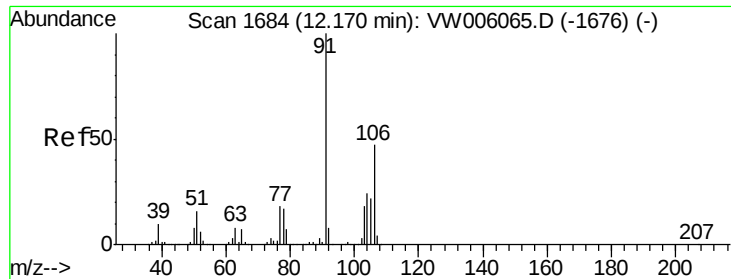
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#68
m/p-Xylenes
Concen: 20.848 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion: 106 Resp: 110275
Ion Ratio Lower Upper
106 100
91 200.1 159.1 238.7





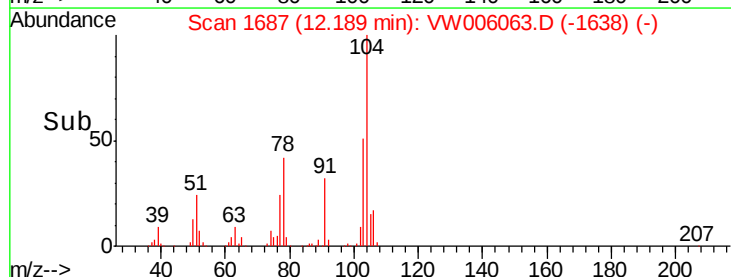
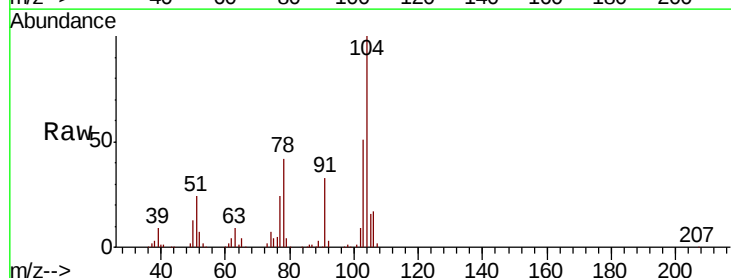
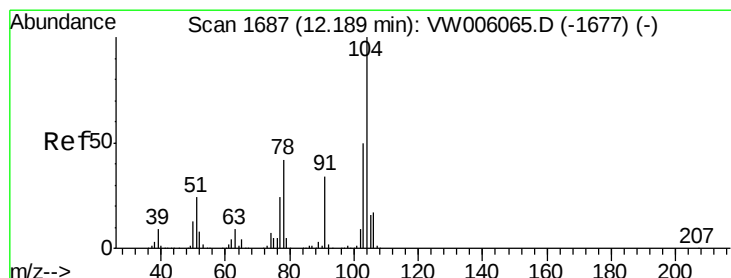
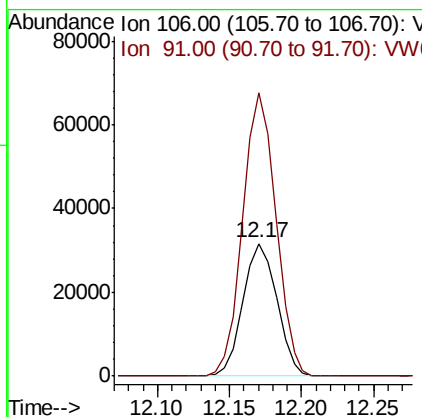
#69
o-Xylene
Concen: 10.166 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tot Ion:106 Resp: 51525
Ion Ratio Lower Upper
106 100
91 209.8 105.4 316.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

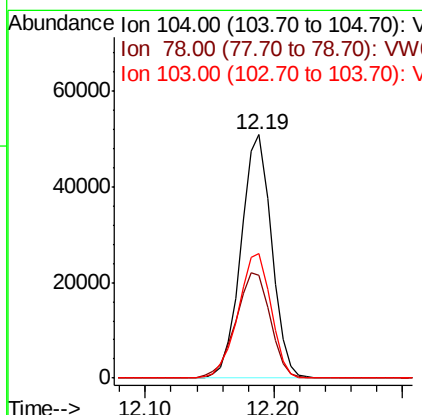
Manual Integrations
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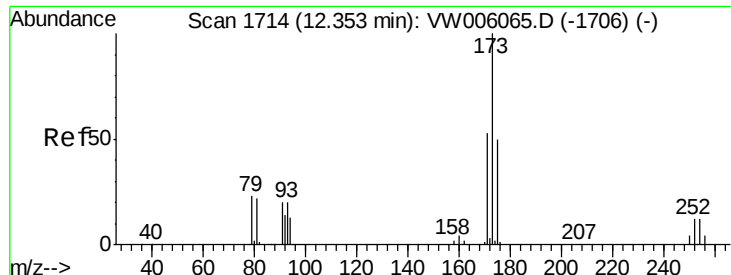
apatel
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#70
Styrene
Concen: 9.946 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion:104 Resp: 83474
Ion Ratio Lower Upper
104 100
78 49.0 39.1 58.7
103 55.1 44.3 66.5





#71

Bromoform

Concen: 8.769 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 14582

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

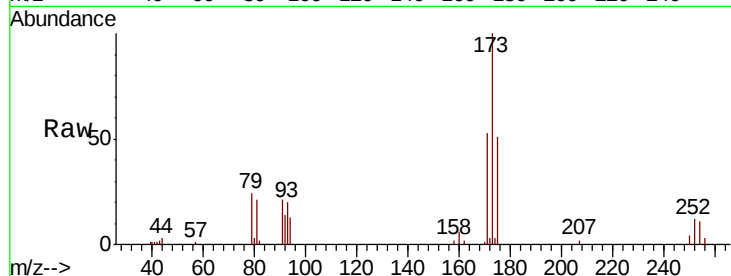
254 0.0 0.1 0.1#

Manual Integrations

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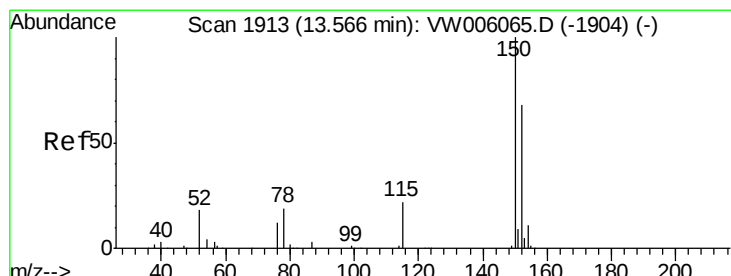
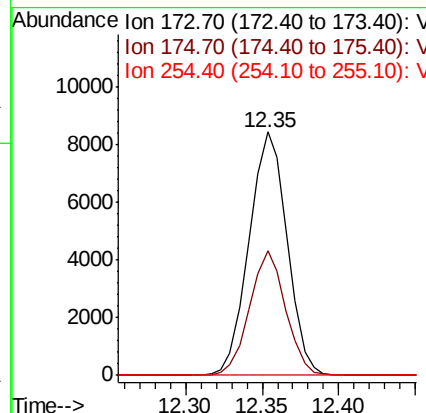
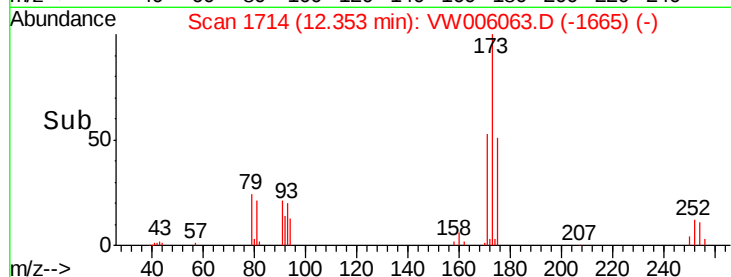
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VW006063.D

Acq: 15 Oct 2018 17:19

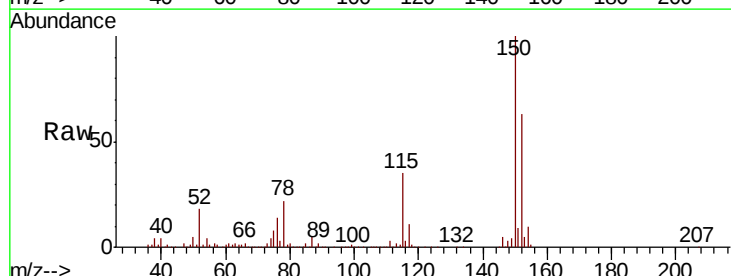
Tgt Ion:152 Resp: 199603

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.3

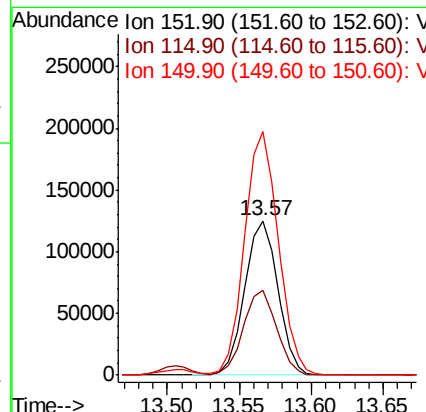
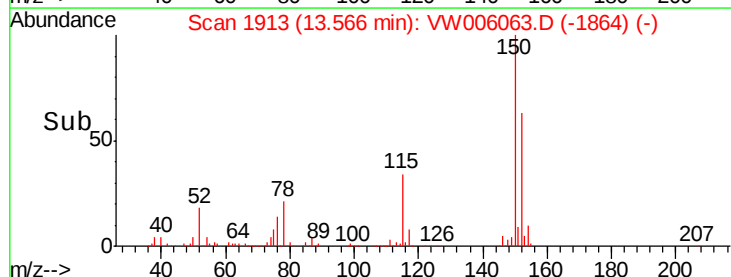
150 160.4 0.0 349.2

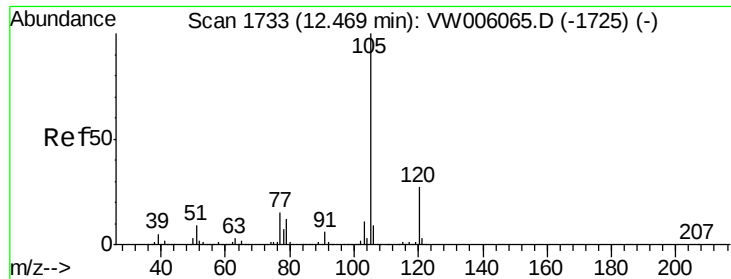


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





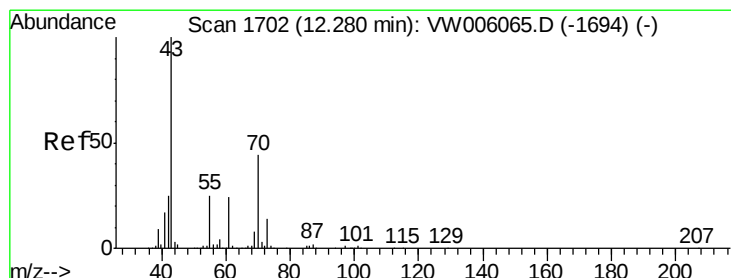
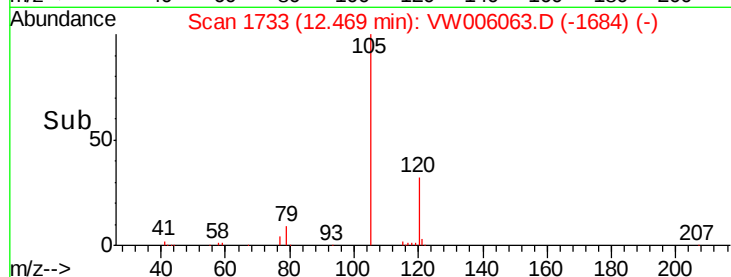
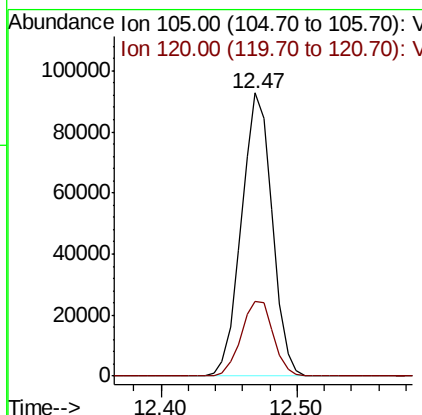
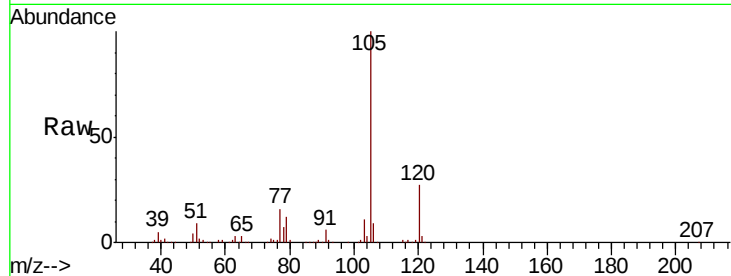
#73
Isopropylbenzene
Concen: 10.151 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.6	40.7

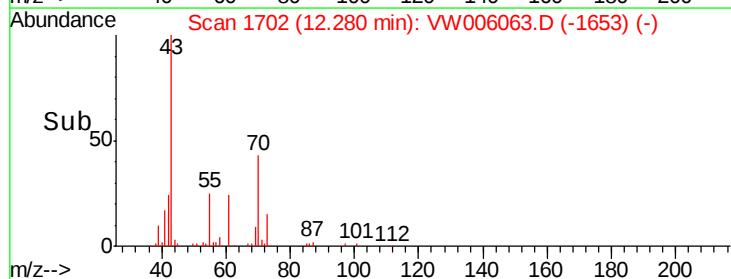
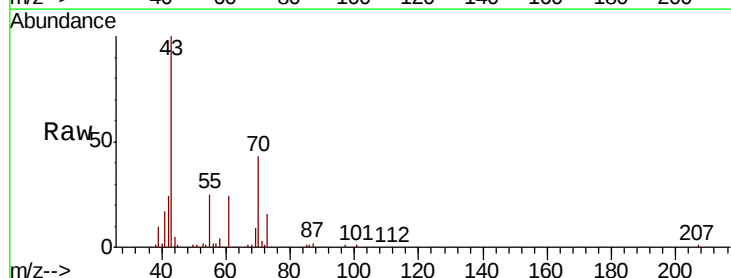
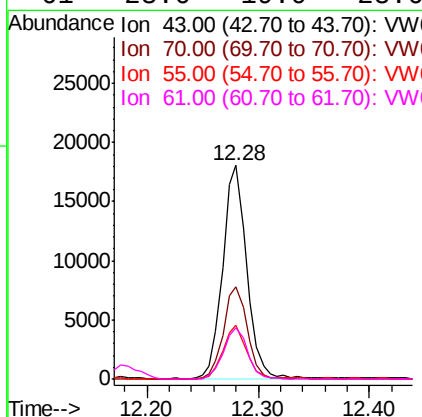
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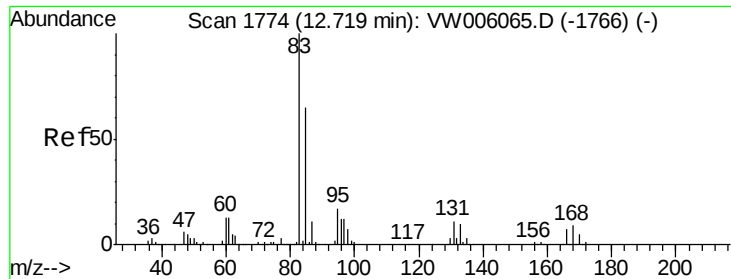
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#74
N-ethyl acetate
Concen: 8.193 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	34.2	51.4
55	24.8	19.2	28.8
61	23.6	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 9.243 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

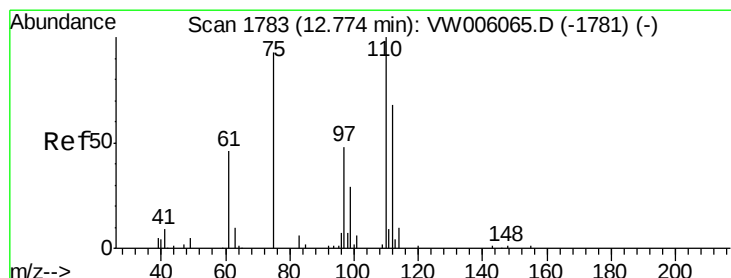
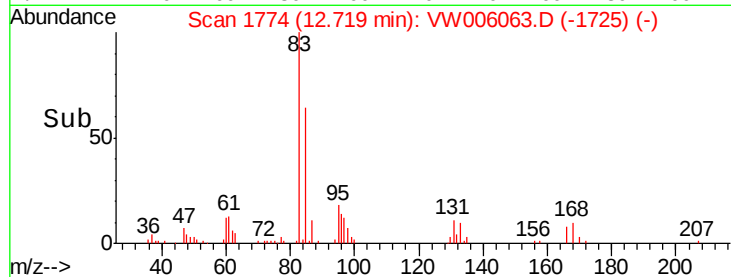
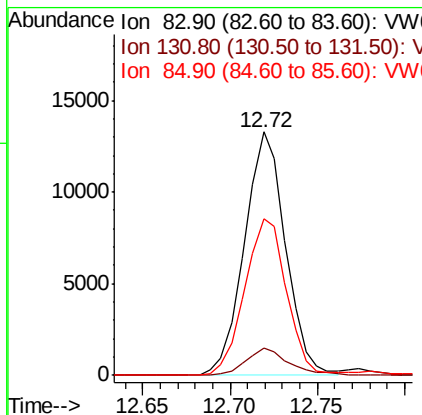
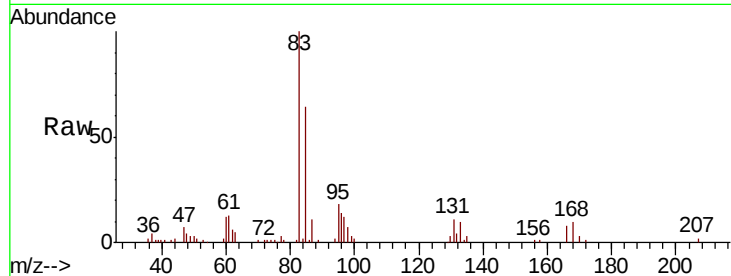
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	21664
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.7
85	65.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 10.390 ug/l m

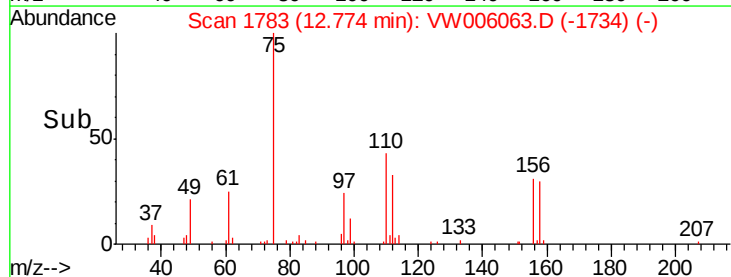
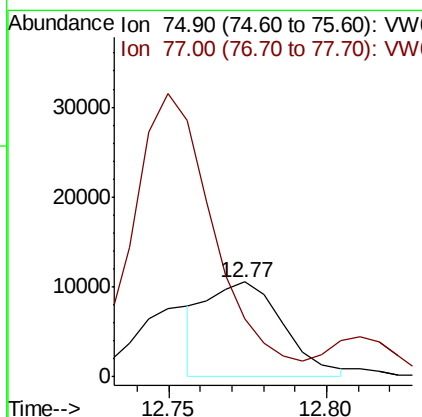
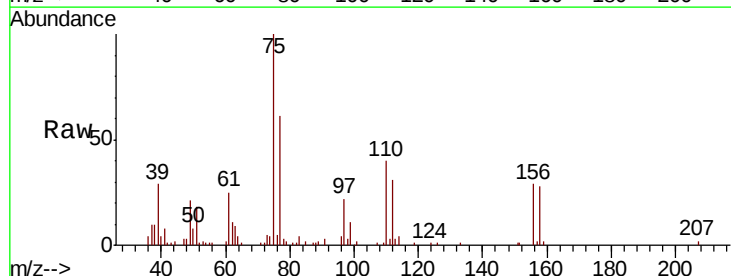
RT: 12.77 min Scan# 1783

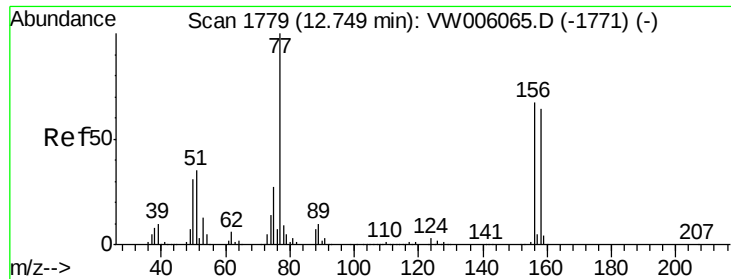
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	75	Resp:	17871
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.389 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

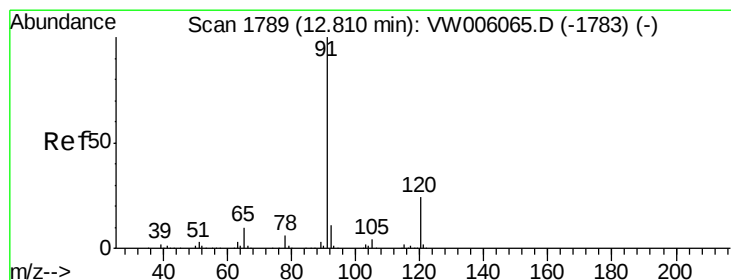
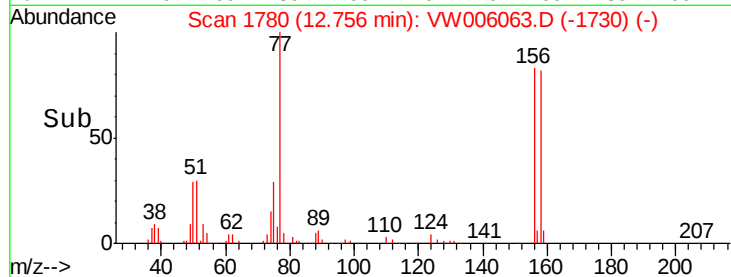
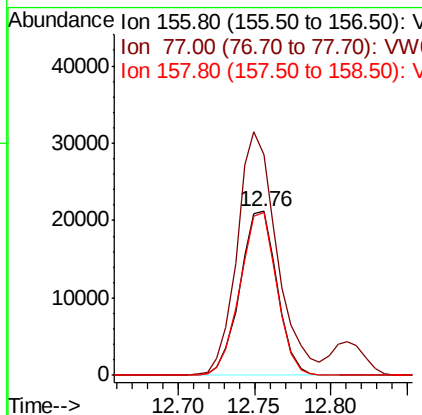
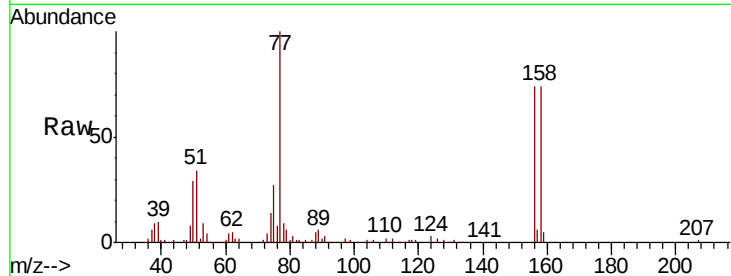
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	159.8	79.1	237.4	
158	98.5	48.5	145.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 10.307 ug/l

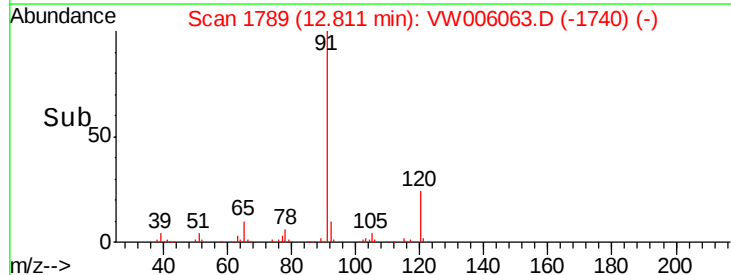
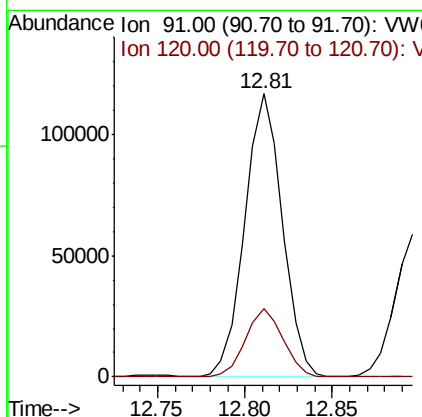
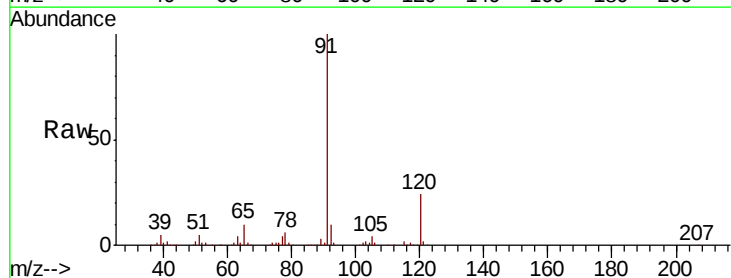
RT: 12.81 min Scan# 1789

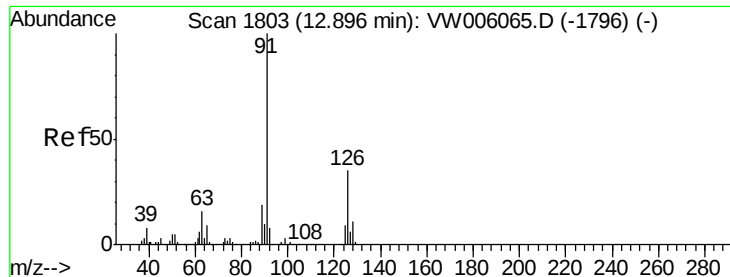
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.1	12.2	36.6	





#79

2-Chlorotoluene

Concen: 10.031 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 95885

Ion Ratio Lower Upper

91 100

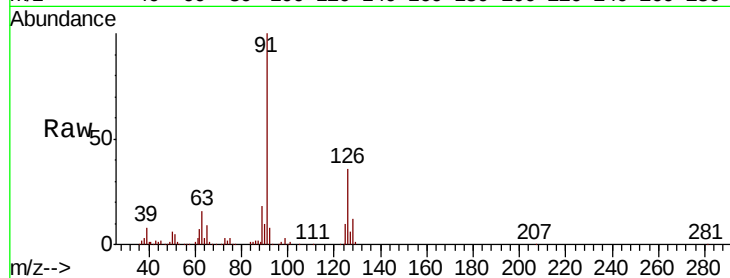
126 36.7 17.9 53.8

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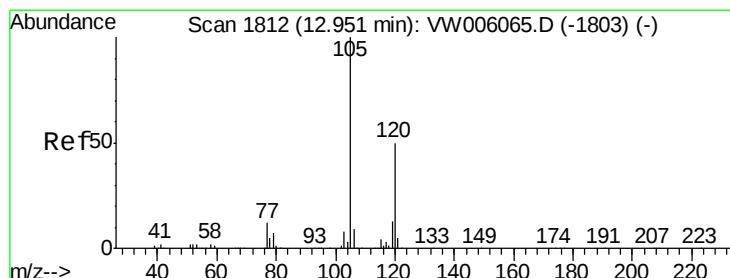
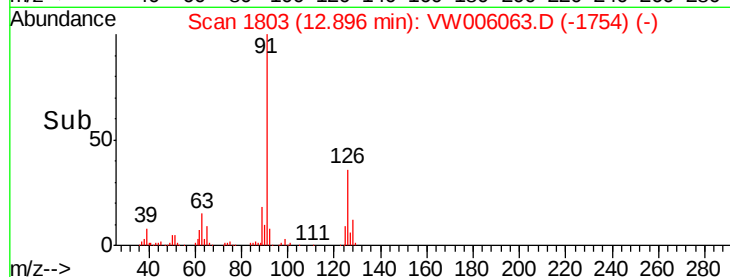
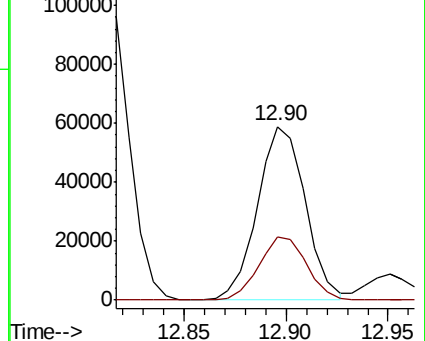
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.195 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006063.D

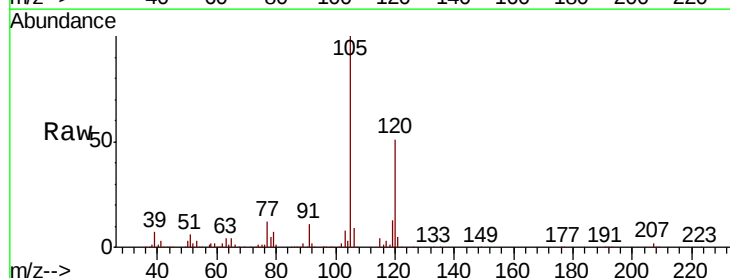
Acq: 15 Oct 2018 17:19

Tgt Ion: 105 Resp: 124032

Ion Ratio Lower Upper

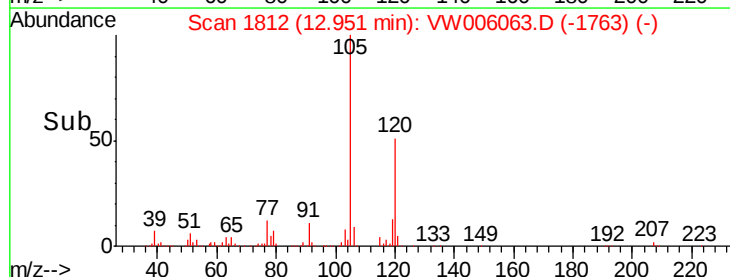
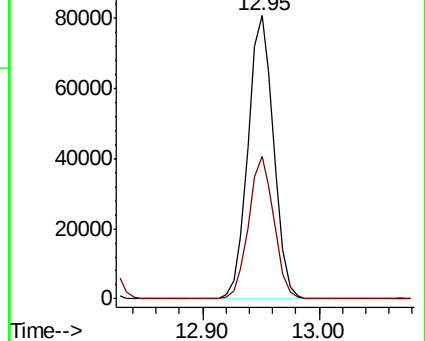
105 100

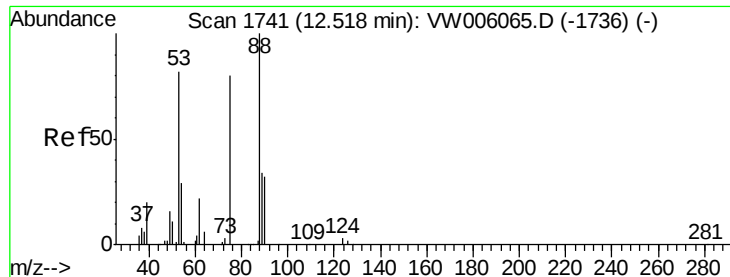
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 7.761 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

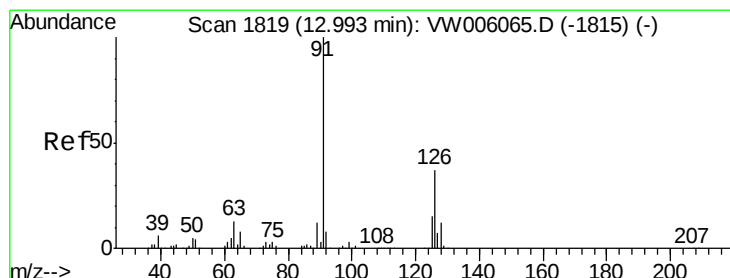
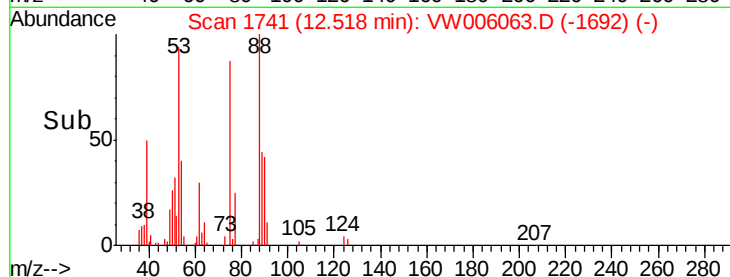
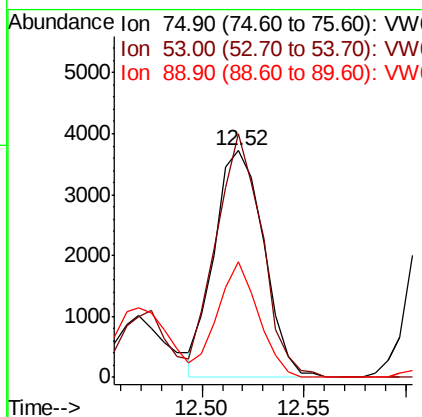
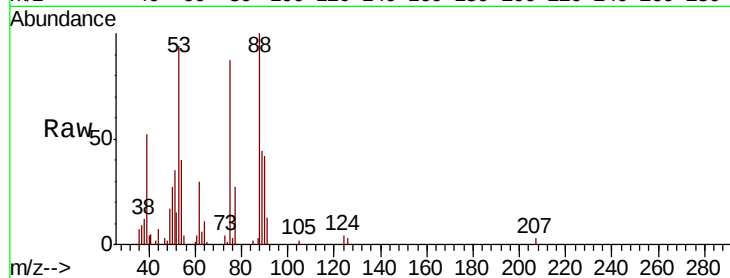
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	6287
Ion	Ratio	Lower	Upper
75	100		
53	99.5	79.8	119.6
89	42.2	37.5	56.3

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#82

4-Chlorotoluene

Concen: 10.034 ug/l

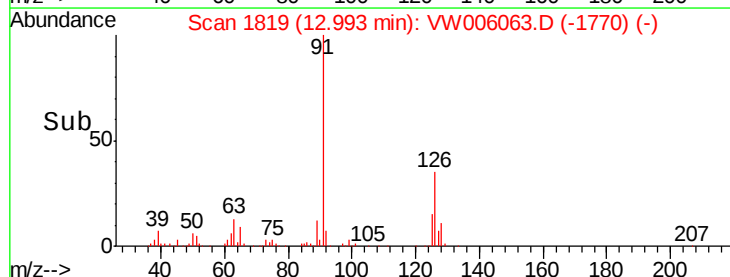
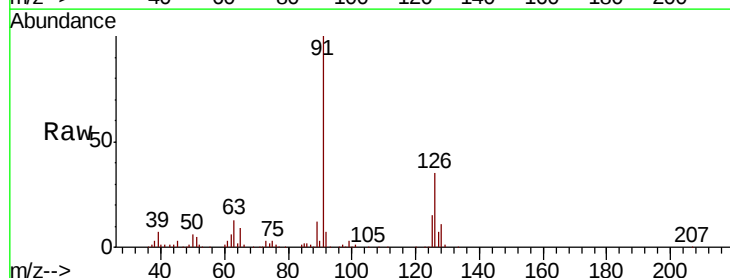
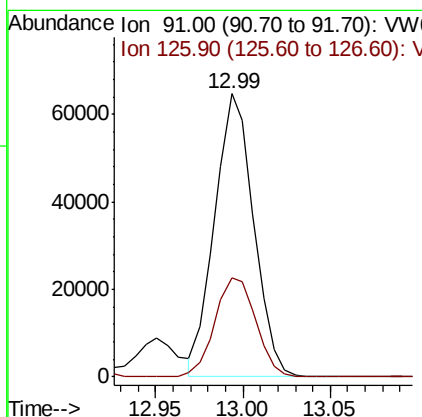
RT: 12.99 min Scan# 1819

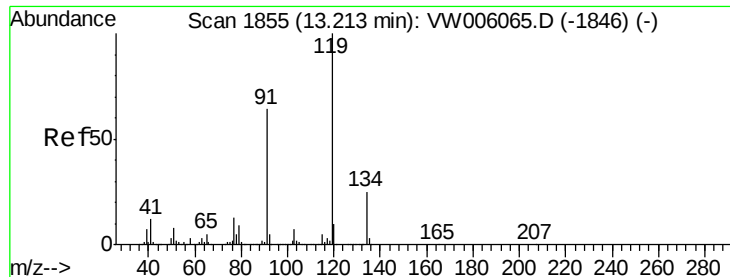
Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion:	91	Resp:	100504
Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.1	54.3





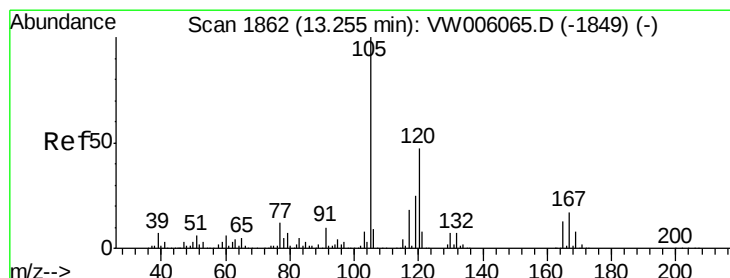
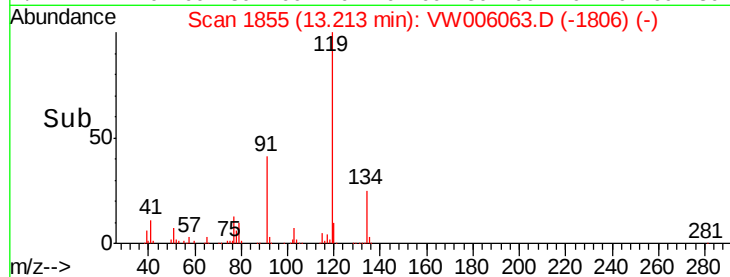
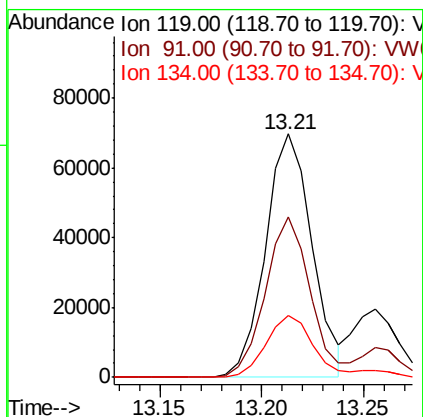
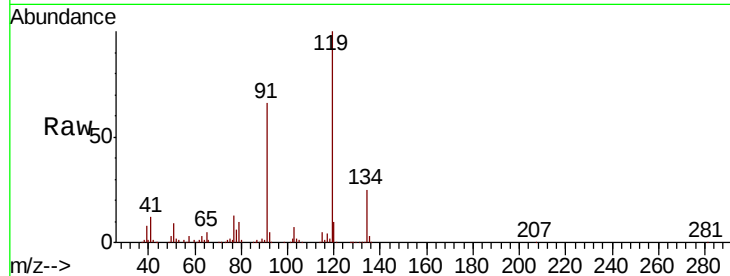
#83
tert-Butylbenzene
Concen: 10.275 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.3	96.9
134	25.4	13.6	40.8

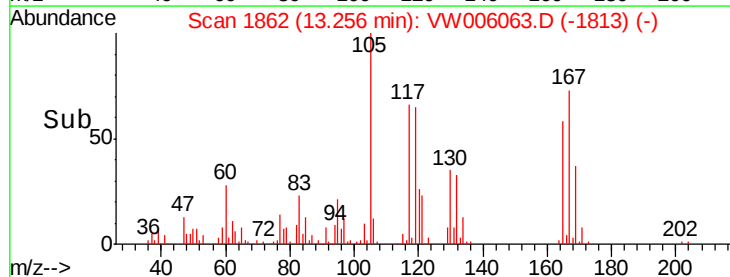
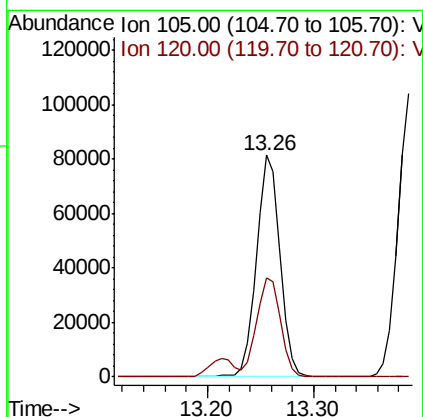
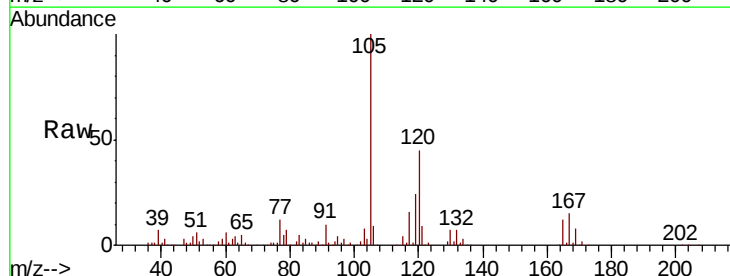
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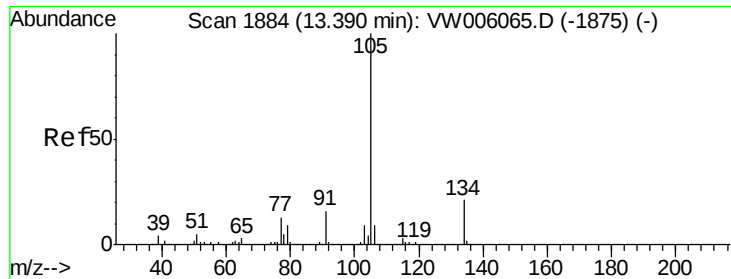
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#84
1,2,4-Trimethylbenzene
Concen: 10.282 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.1	69.3





#85

sec-Butylbenzene

Concen: 10.401 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion:105 Resp: 157911

Ion Ratio Lower Upper

105 100

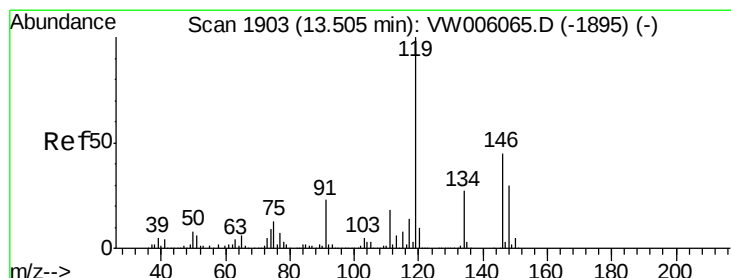
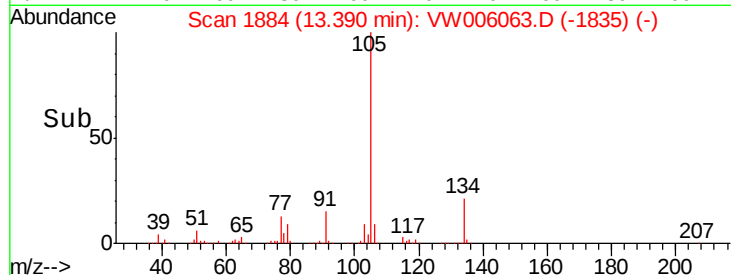
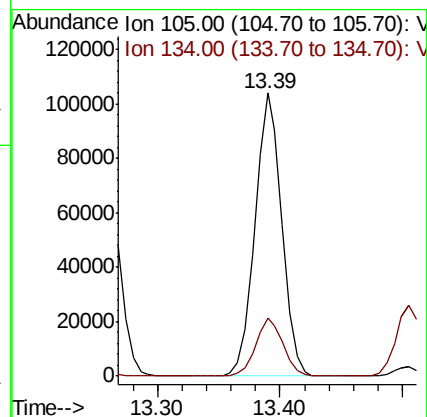
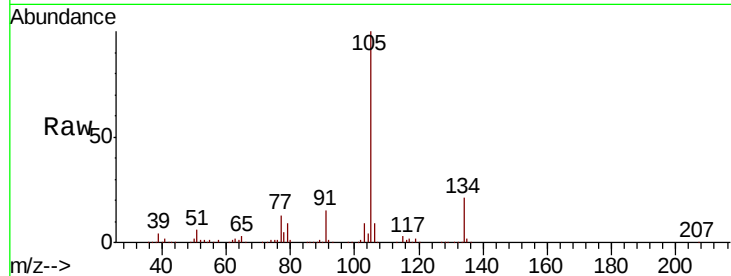
134 20.9 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 10.473 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

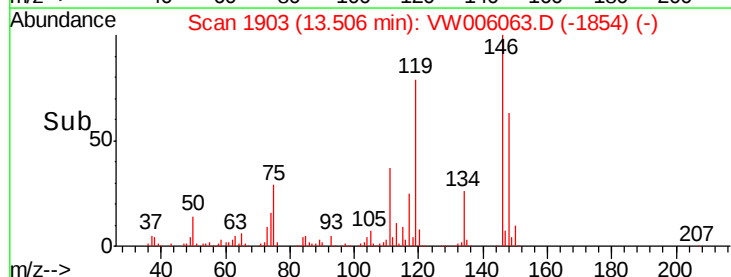
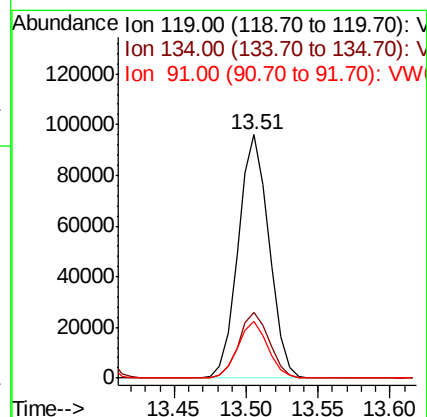
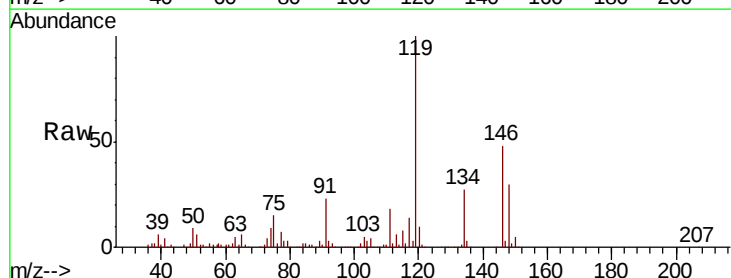
Tgt Ion:119 Resp: 143197

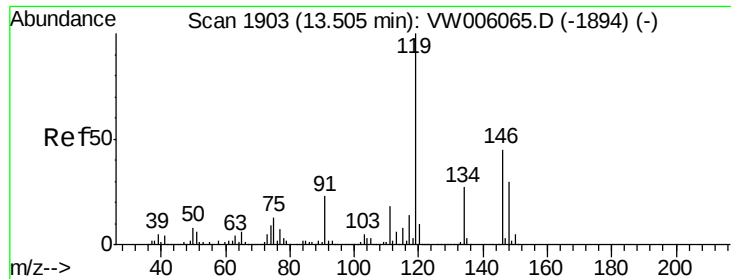
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 10.652 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Instrument :

MSVOA_W

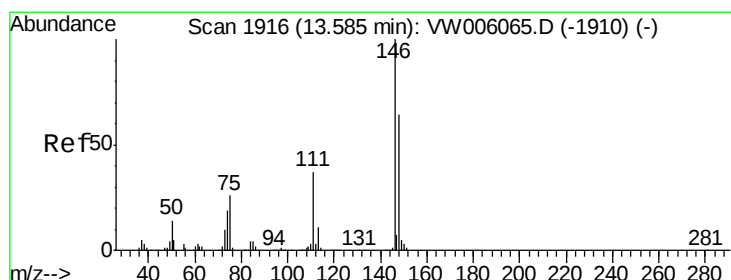
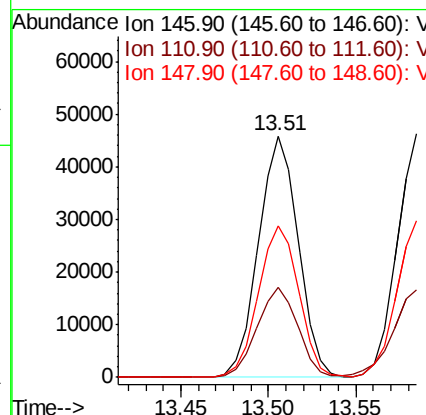
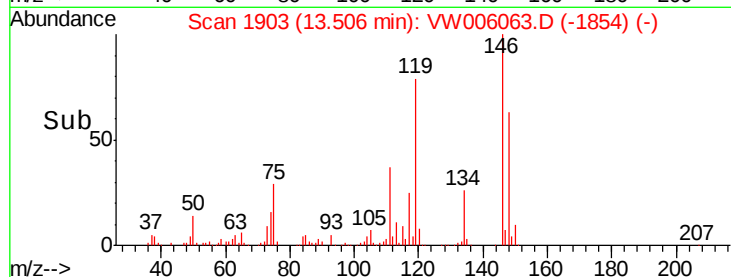
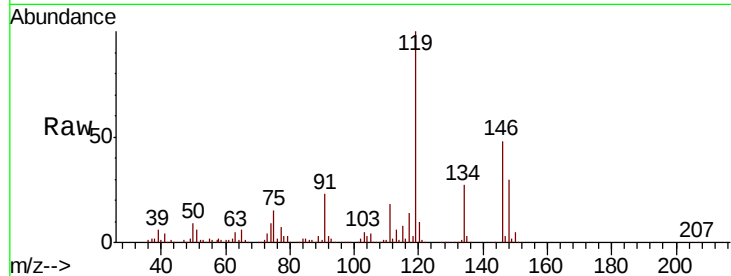
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	63.8	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 10.782 ug/l

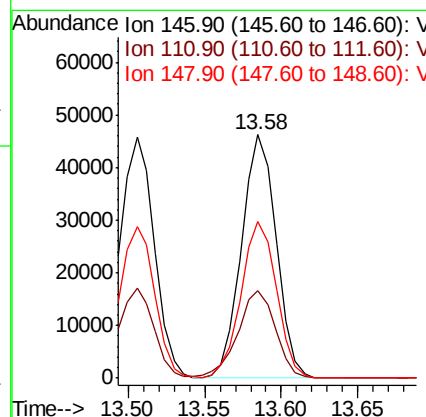
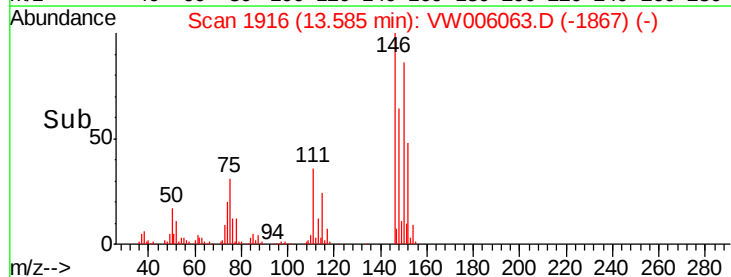
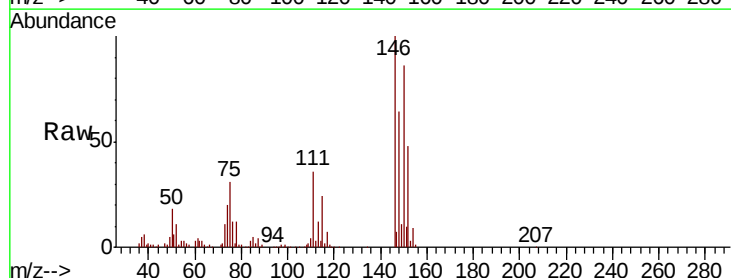
RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006063.D

Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	56.0
148	65.6	32.1	96.5





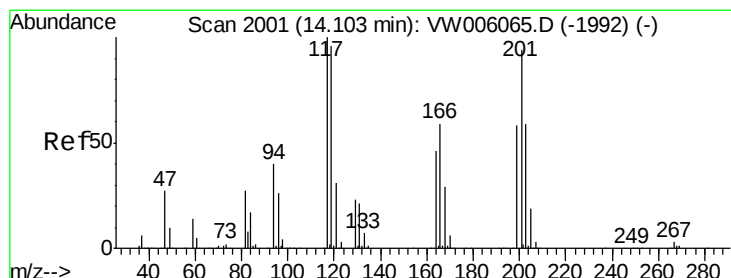
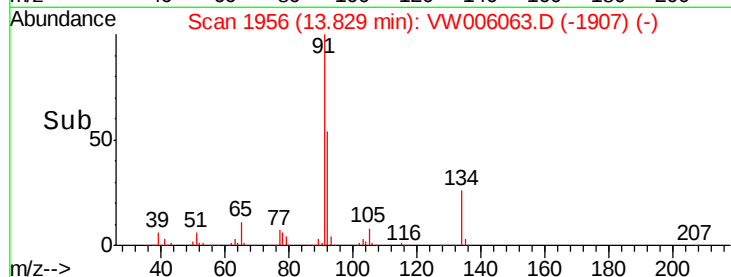
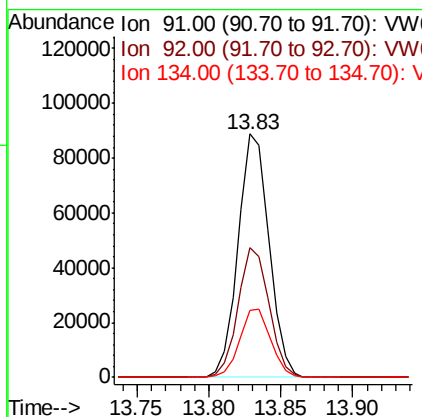
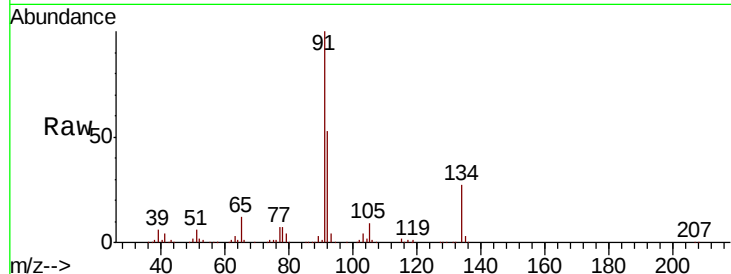
#89
n-Butylbenzene
Concen: 10.357 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	28.1	14.0	41.9

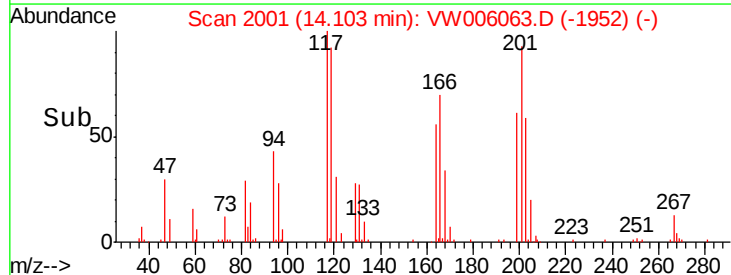
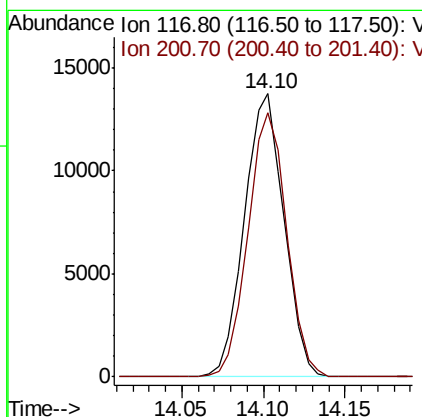
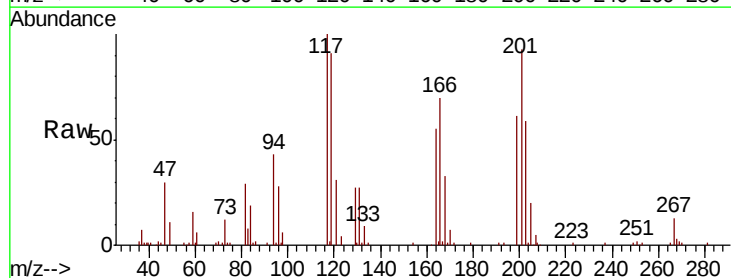
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#90
Hexachloroethane
Concen: 9.118 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	45.3	135.9





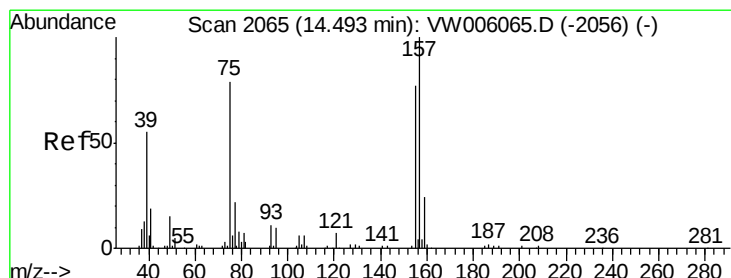
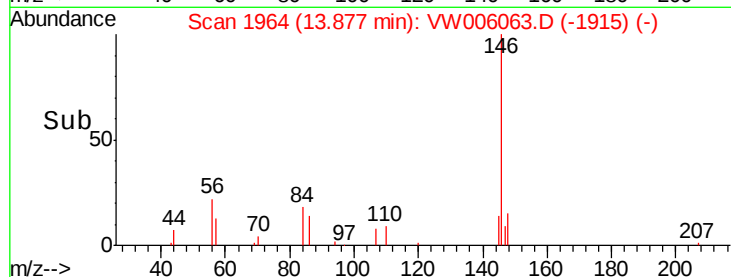
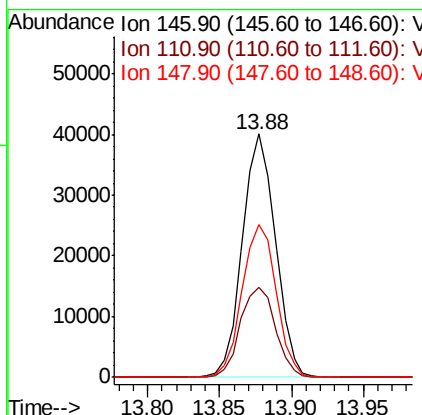
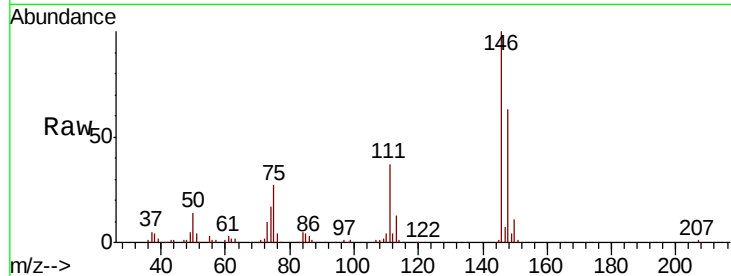
#91
 1,2-Dichlorobenzene
 Concen: 10.537 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	64.8	32.2	96.6

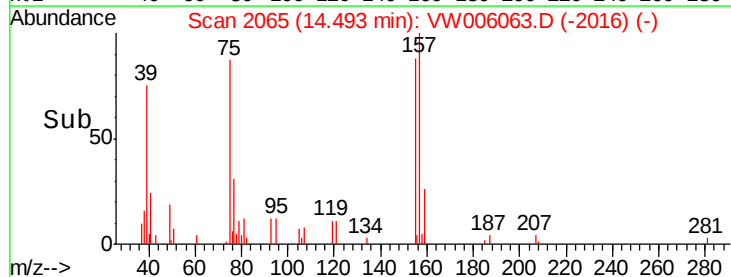
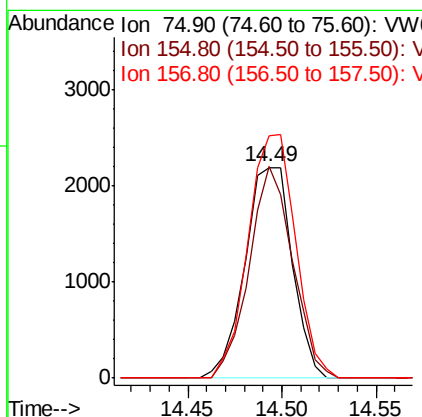
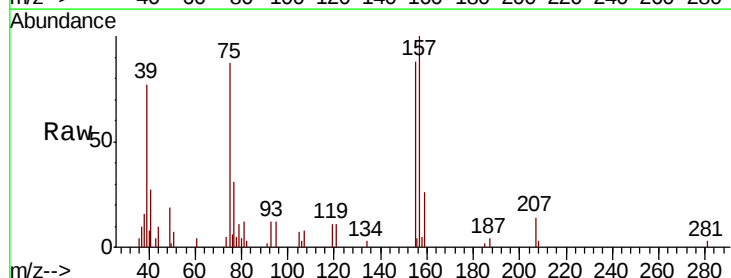
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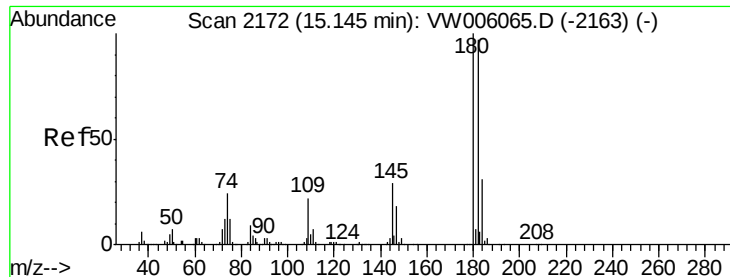
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.814 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	46.5	139.5
157	115.5	59.8	179.4





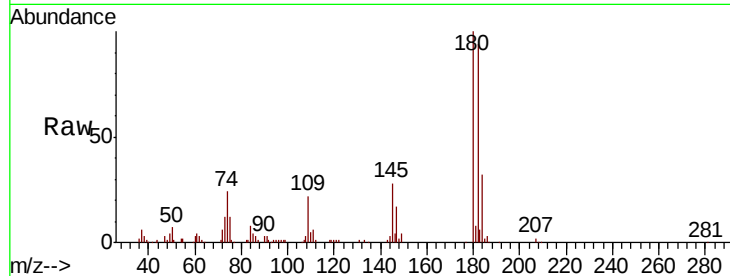
#93
 1,2,4-Trichlorobenzene
 Concen: 11.139 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	51897		
182	95.4	47.9	143.6	
145	28.8	14.2	42.8	

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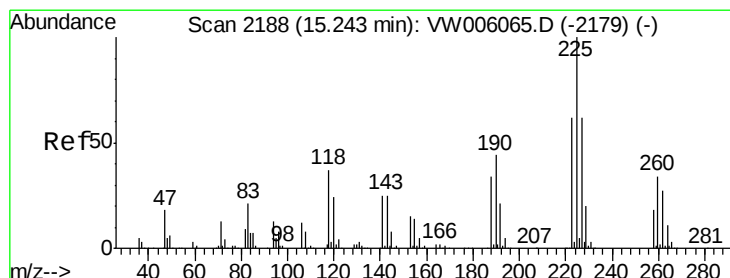
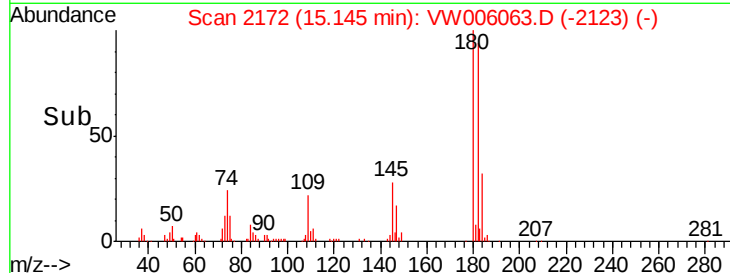
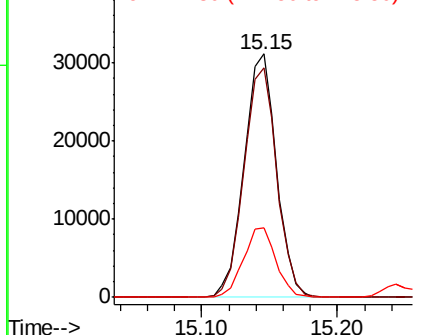


Abundance

Ion 179.80 (179.50 to 180.50): V

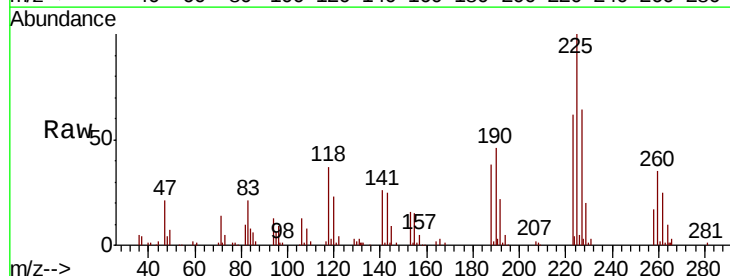
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 11.115 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006063.D
 Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32341		
223	62.5	31.1	93.5	
227	64.7	32.4	97.0	

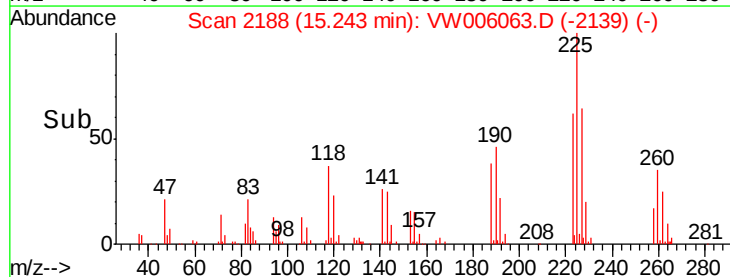
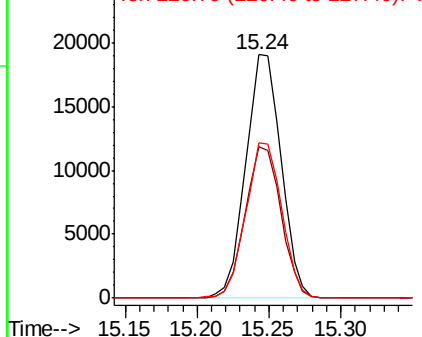


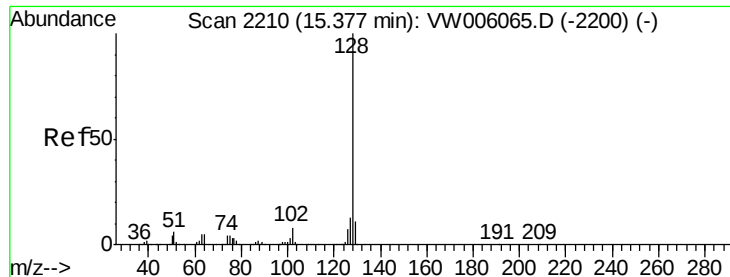
Abundance

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





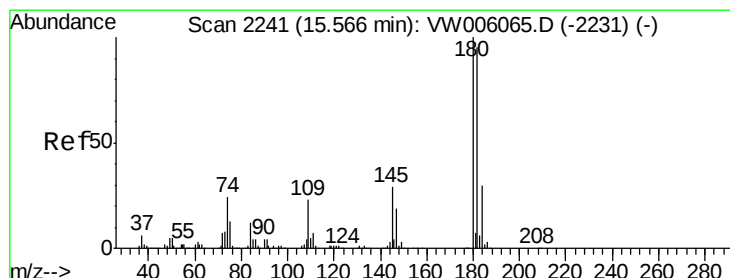
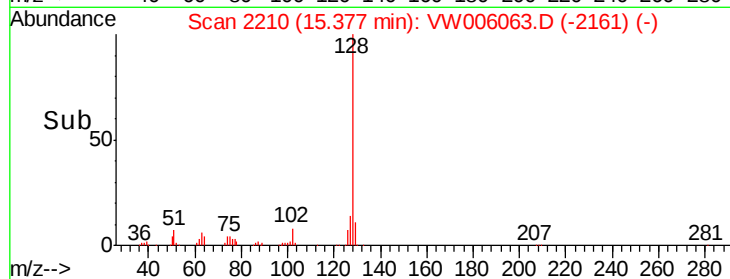
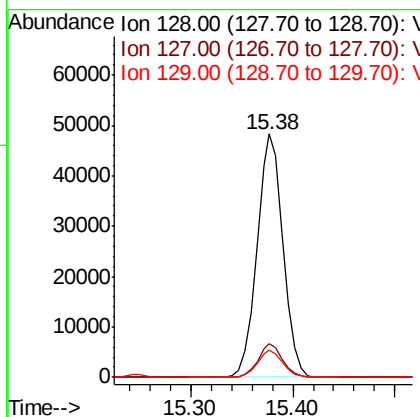
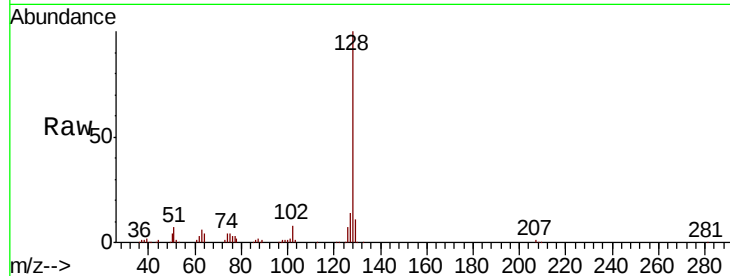
#95
Naphthalene
Concen: 10.665 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
10/16/2018 10:33:46 AM



#96
1,2,3-Trichlorobenzene
Concen: 11.058 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006063.D
Acq: 15 Oct 2018 17:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	30.9	15.0	45.1

