

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006120.D
 Acq On : 17 Oct 2018 12:12
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 10/18/2018 11:04:21 AM

Quant Time: Oct 17 15:09:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	334636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	464133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	414274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	229308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123107	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
35) Dibromofluoromethane	7.88	113	128882	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	10.33	98	502617	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.62	95	186541	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91966	55.536	ug/l	98
3) Chloromethane	2.21	50	99128	46.504	ug/l	99
4) Vinyl Chloride	2.37	62	154572	50.777	ug/l	99
5) Bromomethane	2.78	94	127516	46.055	ug/l	99
6) Chloroethane	2.93	64	102873	47.156	ug/l	98
7) Trichlorofluoromethane	3.26	101	147425	51.986	ug/l	99
8) Diethyl Ether	3.68	74	66995	44.452	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	159503	53.670	ug/l	99
10) Methyl Iodide	4.27	142	264455	53.463	ug/l	99
11) Tert butyl alcohol	5.17	59	45470	243.696	ug/l	97
12) 1,1-Dichloroethene	4.03	96	149841	53.591	ug/l	93
13) Acrolein	3.89	56	46827	259.363	ug/l	100
14) Allyl chloride	4.67	41	210680	52.699	ug/l	100
15) Acrylonitrile	5.37	53	130481	241.376	ug/l	99
16) Acetone	4.12	43	150958	292.556	ug/l	99
17) Carbon Disulfide	4.37	76	440353	52.184	ug/l	100
18) Methyl Acetate	4.67	43	64804	46.416	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	206692	48.536	ug/l	96
20) Methylene Chloride	4.91	84	152354	51.964	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	164490	52.706	ug/l	98
22) Diisopropyl ether	6.31	45	403253	51.043	ug/l	99
23) Vinyl Acetate	6.26	43	1137787	244.035	ug/l	100
24) 1,1-Dichloroethane	6.21	63	268419	52.654	ug/l	98
25) 2-Butanone	7.17	43	183701	245.105	ug/l	99
26) 2,2-Dichloropropane	7.17	77	193464	53.808	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	178543	51.842	ug/l	97
28) Bromochloromethane	7.51	49	96738	49.155	ug/l	98
29) Tetrahydrofuran	7.53	42	108526	235.574	ug/l	99
30) Chloroform	7.68	83	290800	52.358	ug/l	98
31) Cyclohexane	7.95	56	256418	50.510	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	267391	53.371	ug/l	99
36) 1,1-Dichloropropene	8.09	75	238923	55.849	ug/l	99
37) Ethyl Acetate	7.25	43	74899	47.123	ug/l	100
38) Carbon Tetrachloride	8.07	117	260944	55.641	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	319240	56.139	ug/l	98
40) Benzene	8.32	78	635803	54.180	ug/l	100
41) Methacrylonitrile	7.49	41	49916	52.095	ug/l	98
42) 1,2-Dichloroethane	8.40	62	180160	52.255	ug/l	100
43) Isopropyl Acetate	8.43	43	153994	47.385	ug/l	99
44) Trichloroethene	9.09	130	199754	55.483	ug/l	99
45) 1,2-Dichloropropane	9.37	63	148369	52.836	ug/l	99
46) Dibromomethane	9.46	93	82163	51.337	ug/l	98
47) Bromodichloromethane	9.65	83	205628	52.993	ug/l	98
48) Methyl methacrylate	9.44	41	76793	49.850	ug/l	99
49) 1,4-Dioxane	9.45	88	26327	1068.521	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	386646	237.455	ug/l	99
52) Toluene	10.39	92	429922	54.646	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	202366	52.345	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	238030	53.647	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	114578	51.158	ug/l	98
56) Ethyl methacrylate	10.65	69	137695	50.150	ug/l	98
57) 1,3-Dichloropropane	10.93	76	188811	50.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234843	223.841	ug/l	98
59) 2-Hexanone	10.97	43	280452	241.283	ug/l	100
60) Dibromochloromethane	11.13	129	144566	51.821	ug/l	99
61) 1,2-Dibromoethane	11.24	107	113934	50.912	ug/l	100
64) Tetrachloroethene	10.87	164	178340	55.453	ug/l	99
65) Chlorobenzene	11.66	112	485110	54.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	173658	55.101	ug/l	100
67) Ethyl Benzene	11.74	91	860943	56.017	ug/l	99
68) m/p-Xylenes	11.84	106	682293	112.317	ug/l	99
69) o-Xylene	12.17	106	325711	56.260	ug/l	98
70) Styrene	12.18	104	522904	55.543	ug/l	100
71) Bromoform	12.35	173	89046	50.655	ug/l #	100
73) Isopropylbenzene	12.47	105	925786	57.148	ug/l	100
74) N-amyl acetate	12.28	43	157124	49.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	125627	50.986	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85667m	48.912	ug/l	
77) Bromobenzene	12.75	156	217926	54.922	ug/l	99
78) n-propylbenzene	12.81	91	1072986	56.931	ug/l	100
79) 2-Chlorotoluene	12.90	91	593426	56.039	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	773006	56.602	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37201	50.772	ug/l	99
82) 4-Chlorotoluene	12.99	91	626211	56.452	ug/l	100
83) tert-Butylbenzene	13.21	119	698243	57.145	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	778287	56.318	ug/l	100
85) sec-Butylbenzene	13.39	105	987886	57.229	ug/l	100
86) p-Isopropyltoluene	13.51	119	898362	57.538	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	437383	55.388	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	431720	54.908	ug/l	99
89) n-Butylbenzene	13.83	91	819281	57.376	ug/l	99
90) Hexachloroethane	14.10	117	146969	55.572	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	382338	54.279	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21328	48.347	ug/l	98

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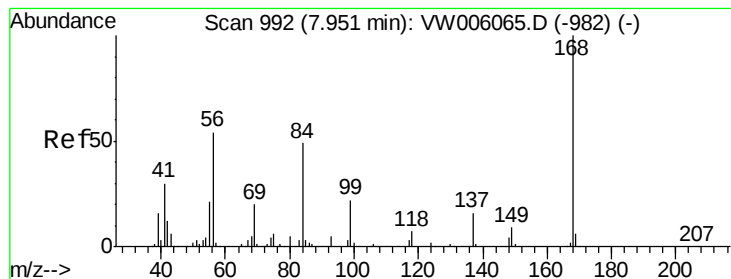
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	291736	53.827	ug/l	100
94) Hexachlorobutadiene	15.25	225	193985	56.976	ug/l	99
95) Naphthalene	15.38	128	451550	50.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	244304	52.114	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

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Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 334636

Ion Ratio Lower Upper

168 100

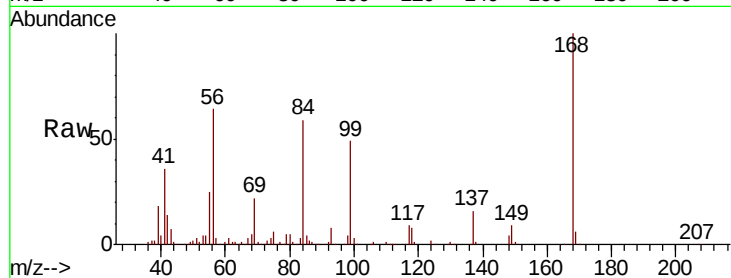
99 48.8 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

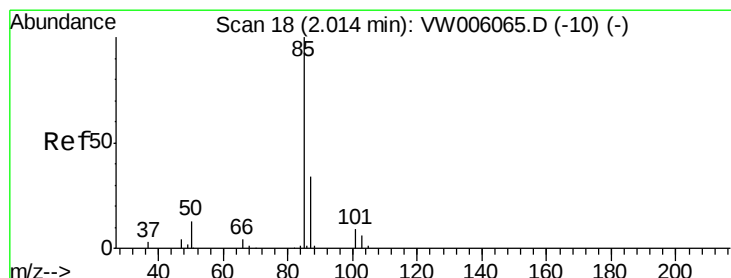
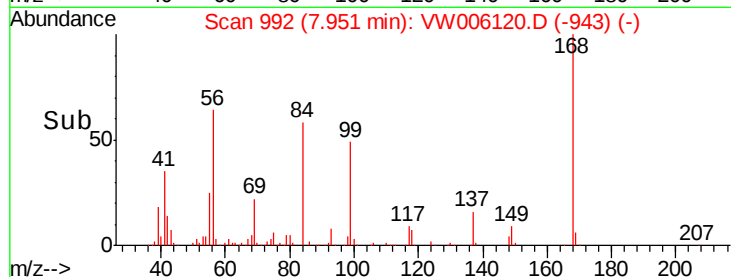
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 55.536 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006120.D

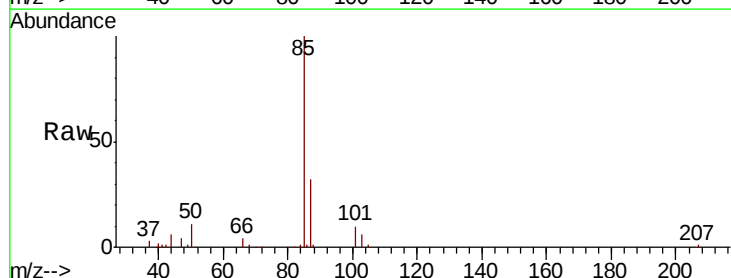
Acq: 17 Oct 2018 12:12

Tgt Ion: 85 Resp: 91966

Ion Ratio Lower Upper

85 100

87 32.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

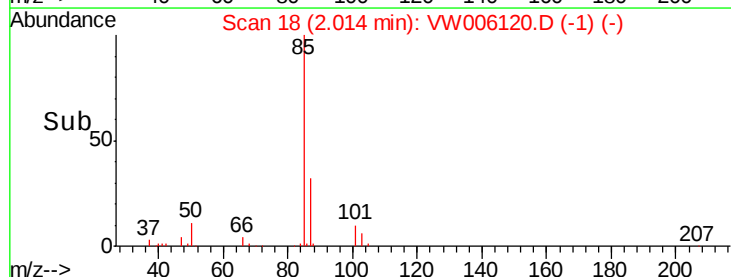
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5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 46.504 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 99128

Ion Ratio Lower Upper

50 100

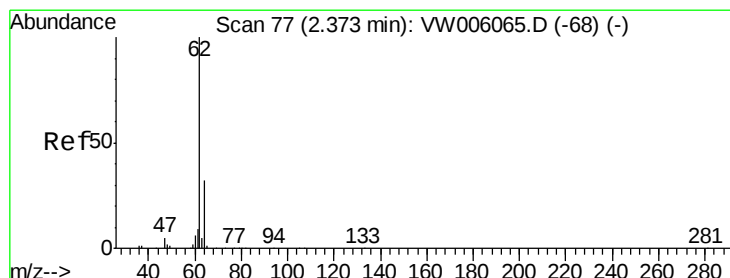
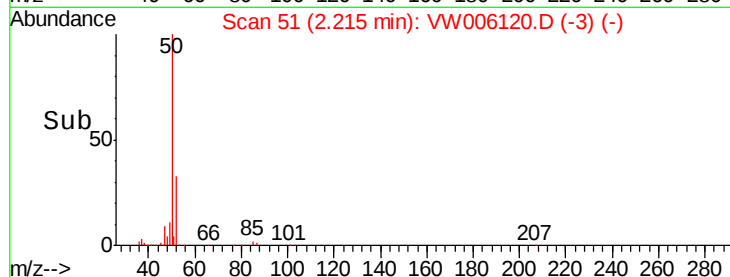
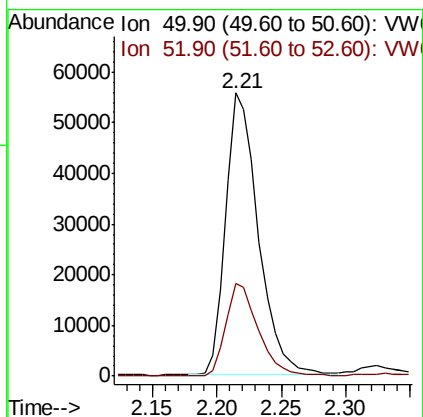
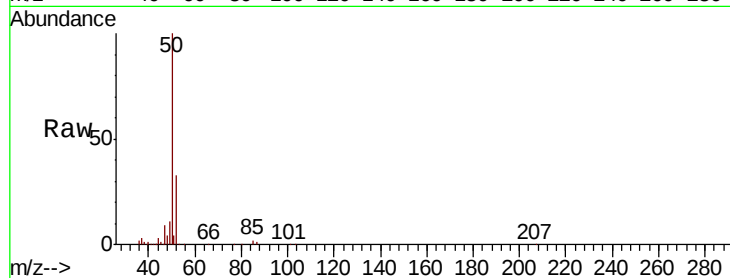
52 32.7 26.8 40.2

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#4

Vinyl Chloride

Concen: 50.777 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006120.D

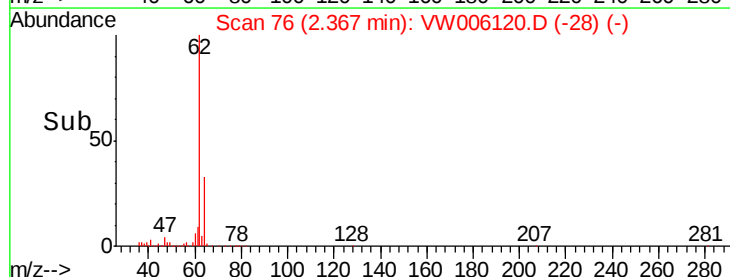
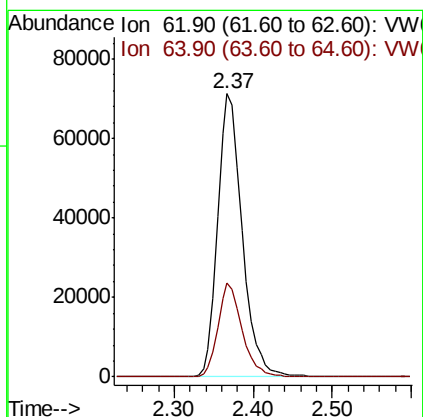
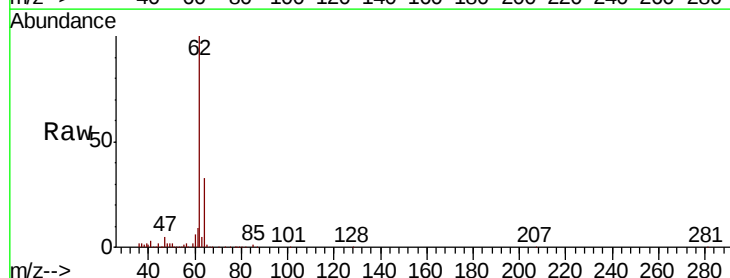
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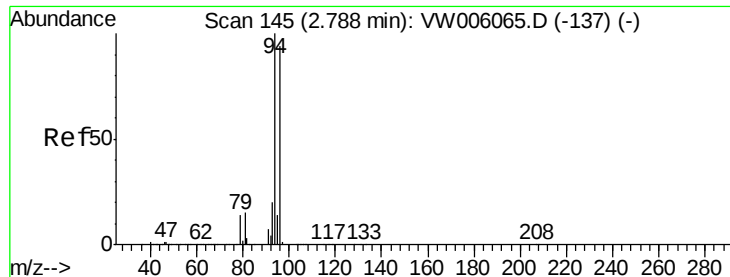
Tgt Ion: 62 Resp: 154572

Ion Ratio Lower Upper

62 100

64 33.1 25.9 38.9





#5

Bromomethane

Concen: 46.055 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 127516

Ion Ratio Lower Upper

94 100

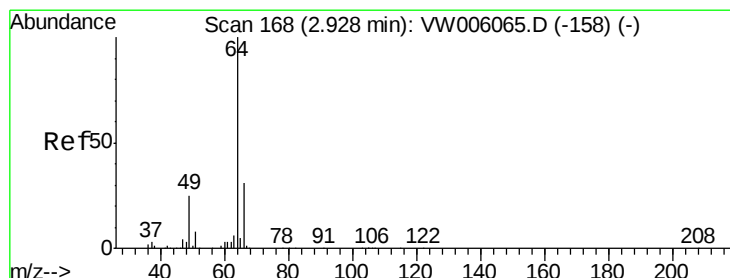
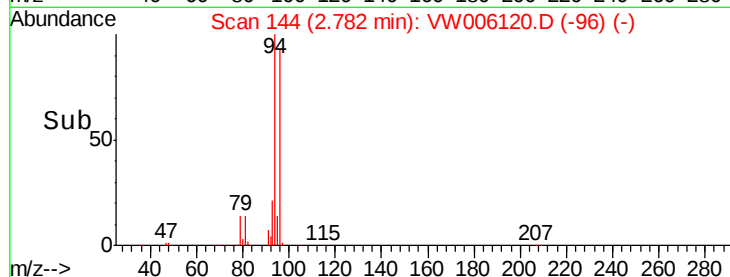
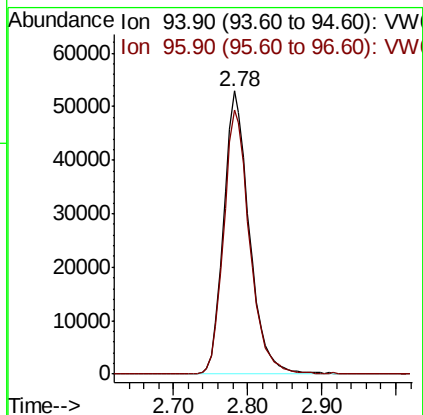
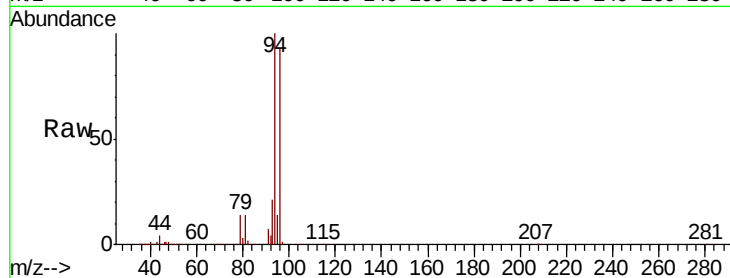
96 93.0 74.9 112.3

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#6

Chloroethane

Concen: 47.156 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006120.D

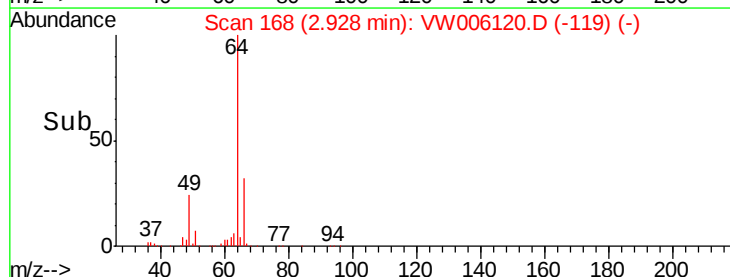
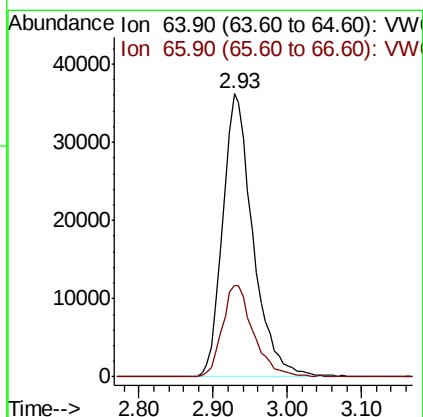
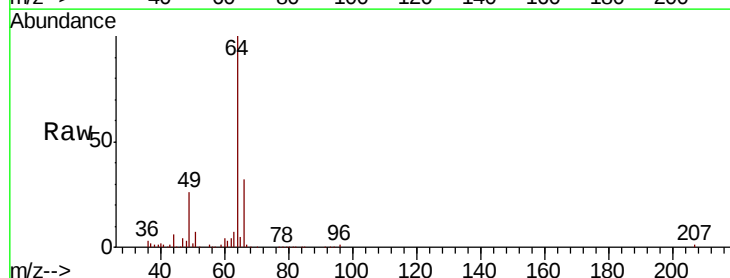
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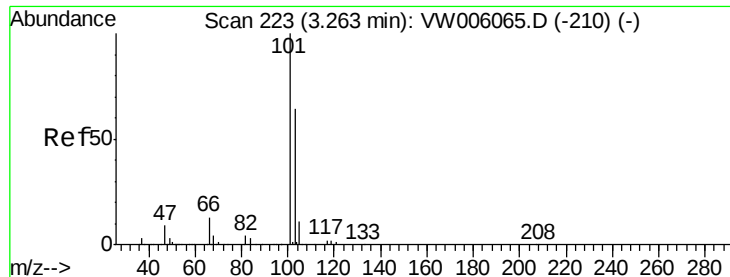
Tgt Ion: 64 Resp: 102873

Ion Ratio Lower Upper

64 100

66 32.1 24.9 37.3





#7

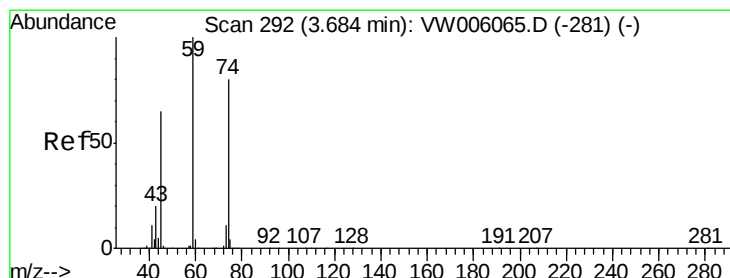
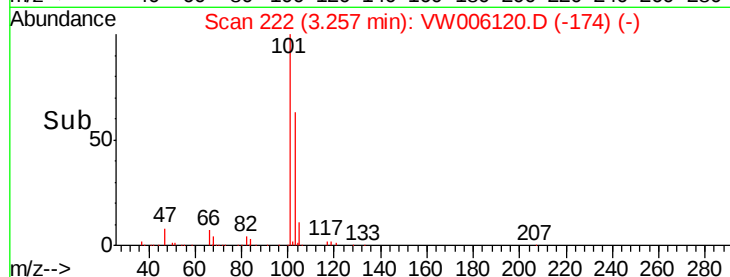
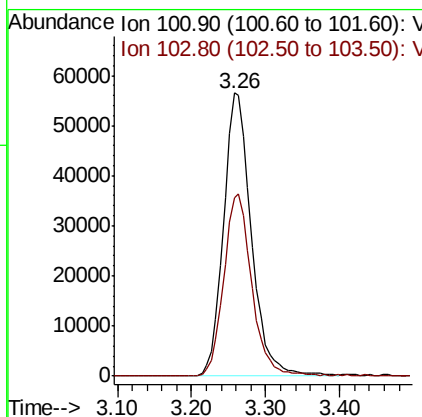
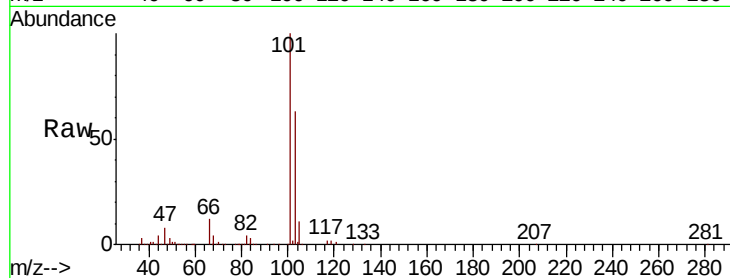
Trichlorofluoromethane
Concen: 51.986 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006120.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.2	76.8

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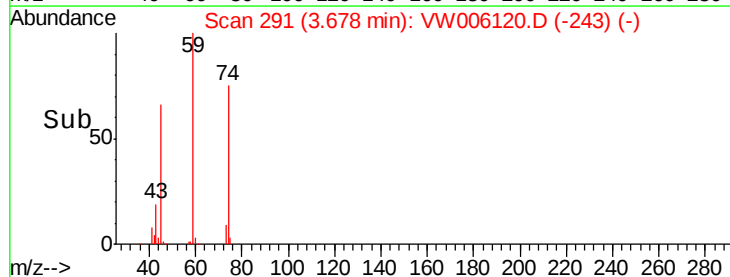
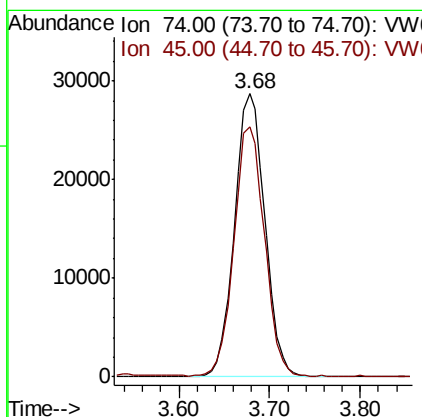
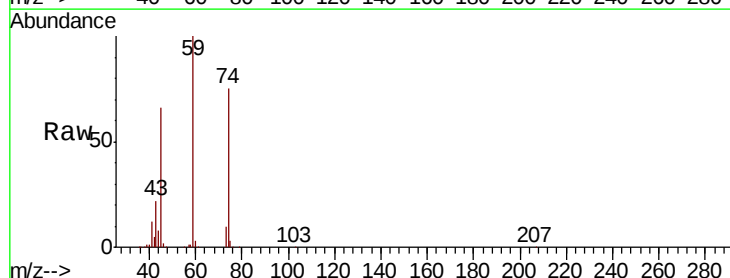
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#8

Diethyl Ether
Concen: 44.452 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.670 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

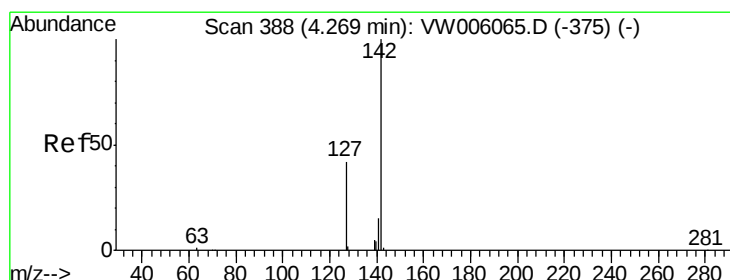
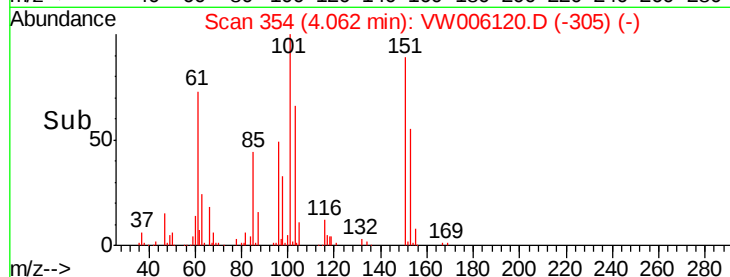
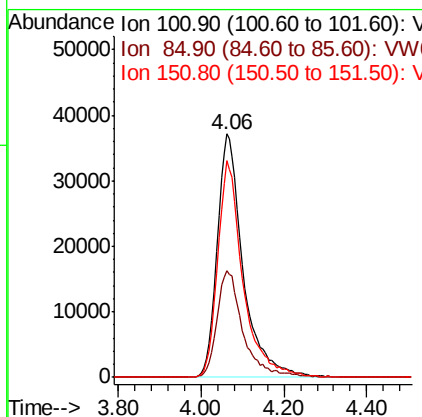
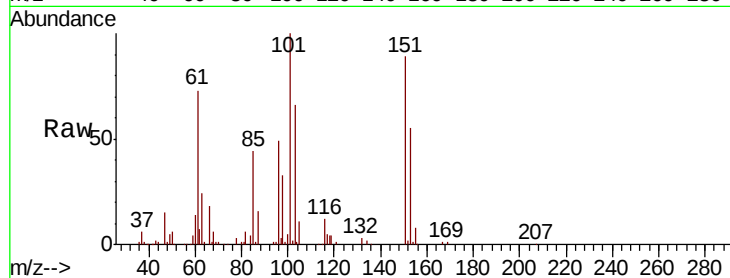
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	159503
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	87.0	70.4	105.6

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#10

Methyl Iodide

Concen: 53.463 ug/l

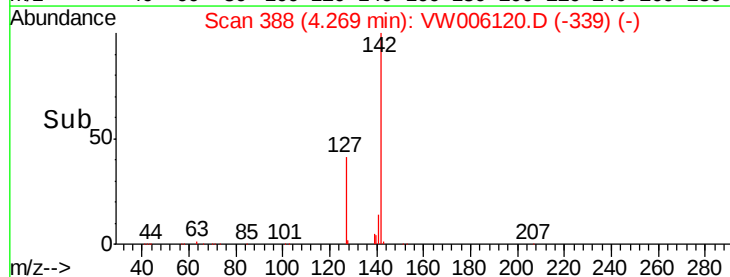
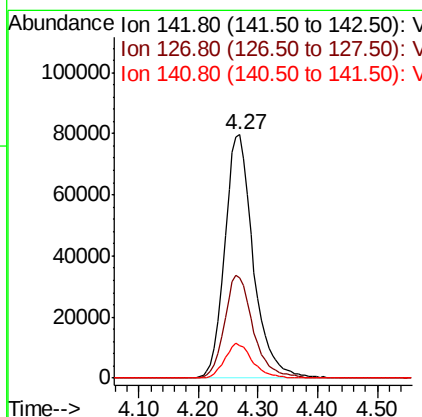
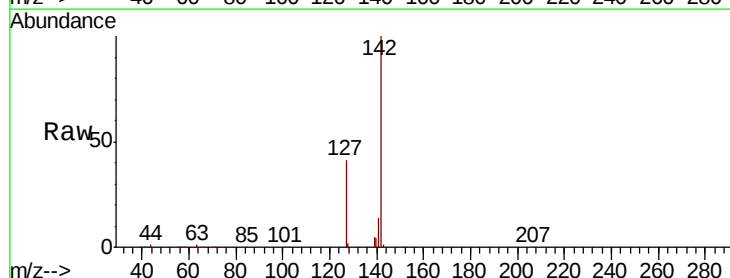
RT: 4.27 min Scan# 388

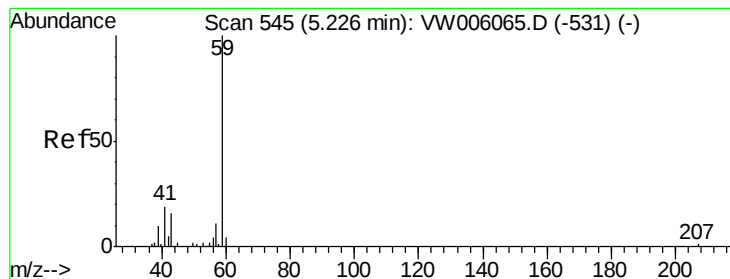
Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion:	142	Resp:	264455
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.6	50.4
141	14.1	11.6	17.4





#11

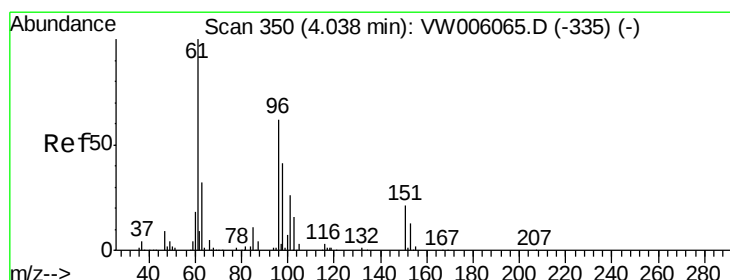
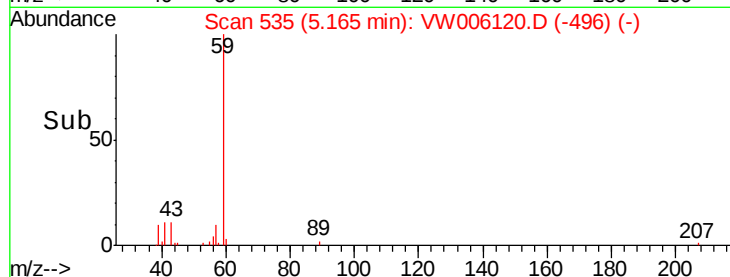
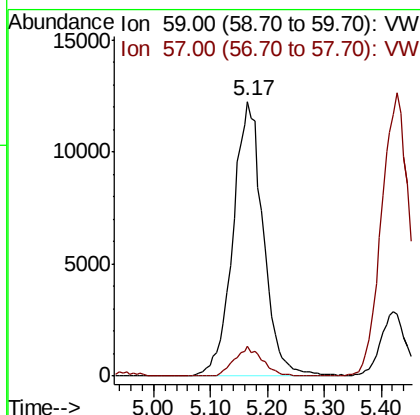
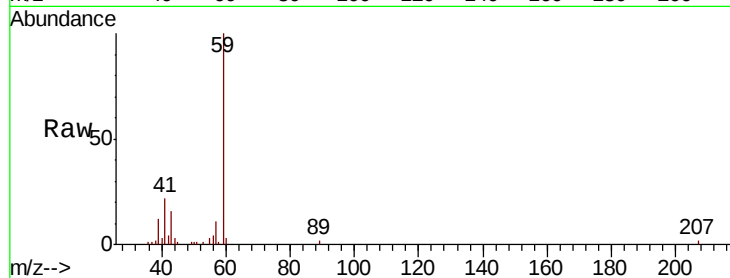
Tert butyl alcohol
 Concen: 243.696 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.06 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	45470		
57	9.9		8.7	13.1

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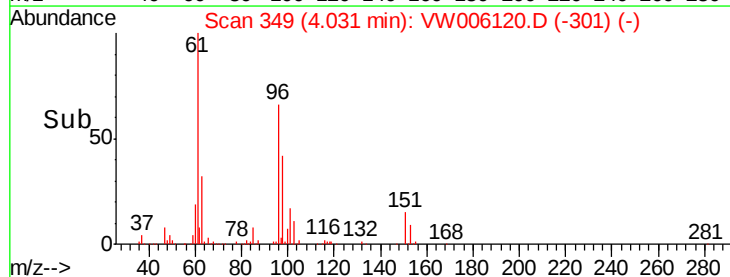
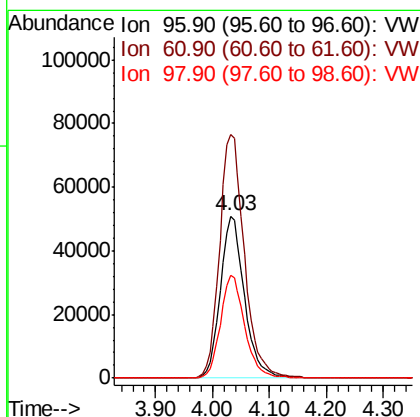
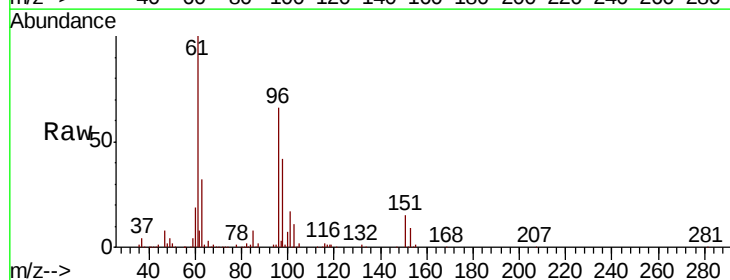
apatel
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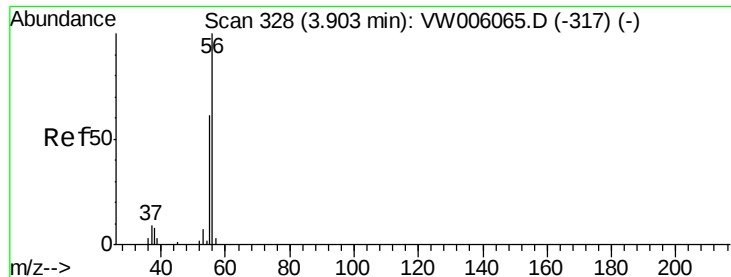


#12

1,1-Dichloroethene
 Concen: 53.591 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	149841		
61	150.5		129.3	193.9
98	63.8		53.1	79.7





#13

Acrolein

Concen: 259.363 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 46827

Ion Ratio Lower Upper

56 100

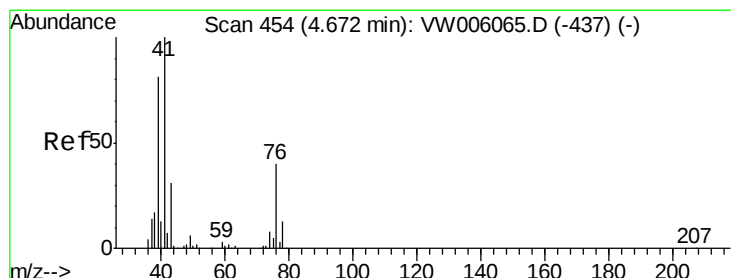
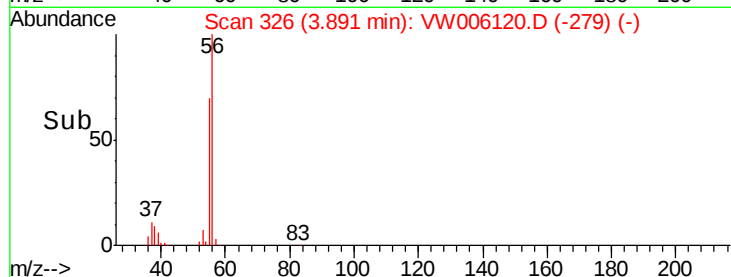
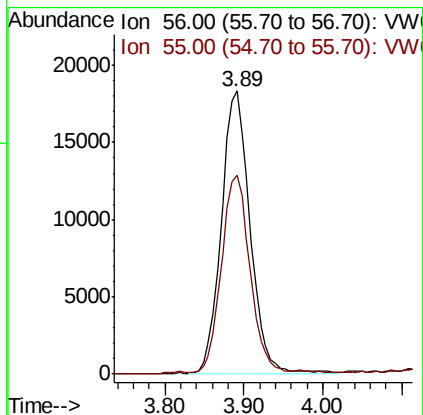
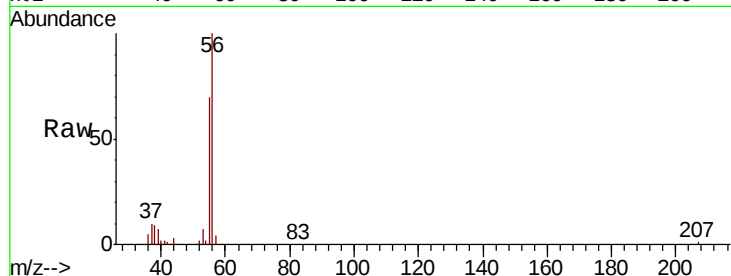
55 68.4 54.5 81.7

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#14

Allyl chloride

Concen: 52.699 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

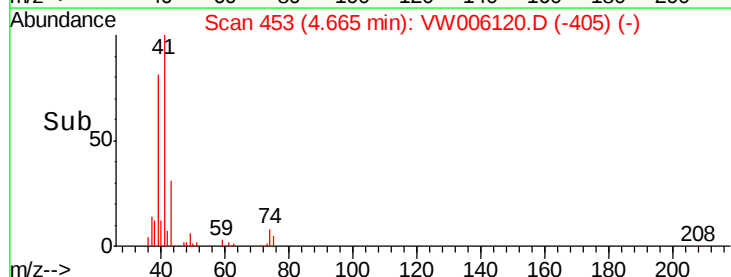
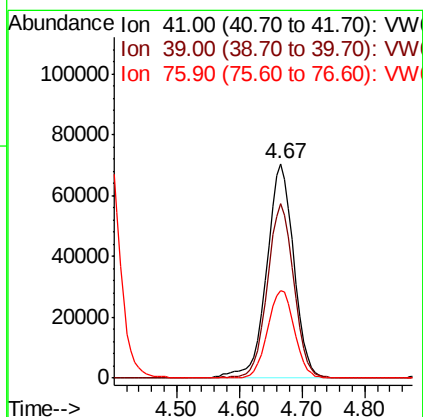
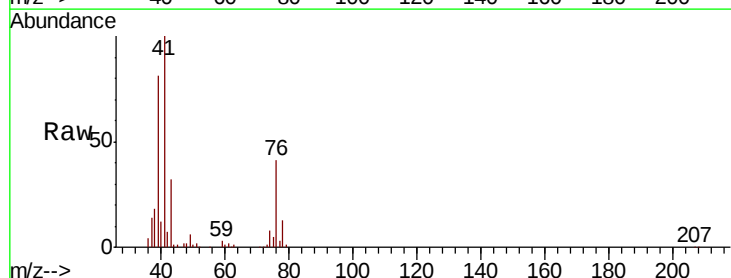
Tgt Ion: 41 Resp: 210680

Ion Ratio Lower Upper

41 100

39 79.6 64.1 96.1

76 40.4 32.2 48.4





#15

Acrylonitrile

Concen: 241.376 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

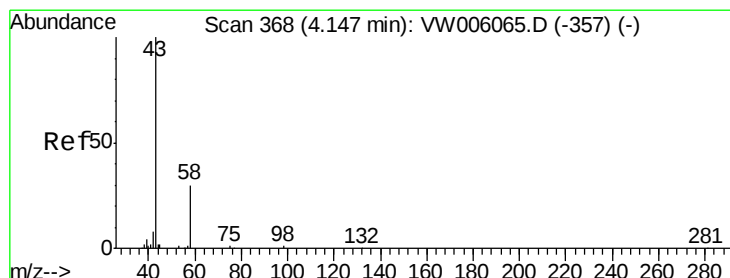
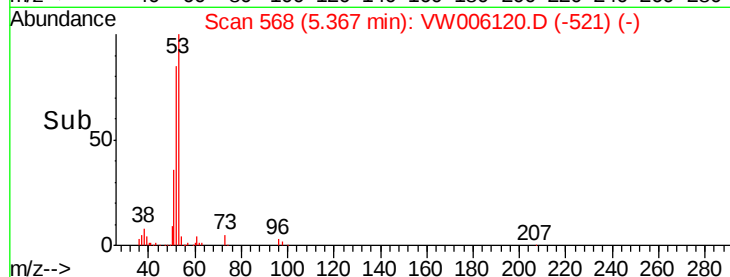
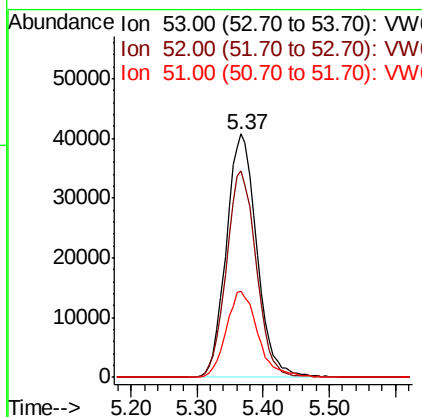
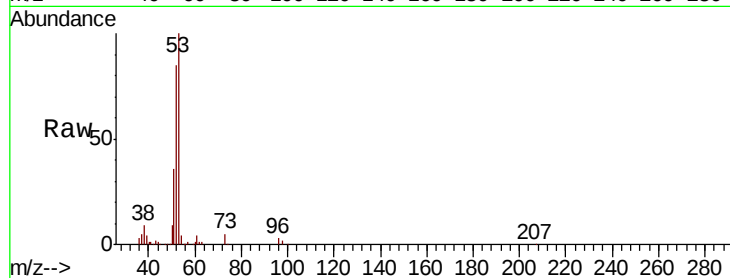
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	130481
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.9	100.3
51	36.7	30.1	45.1

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#16

Acetone

Concen: 292.556 ug/l

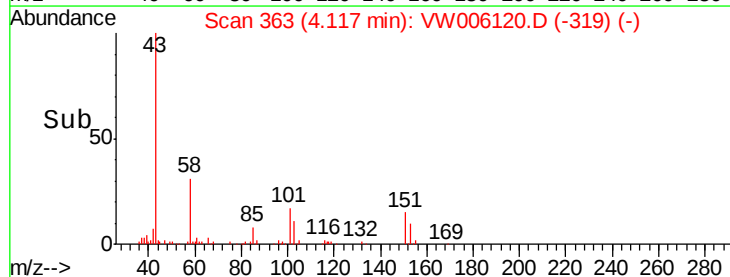
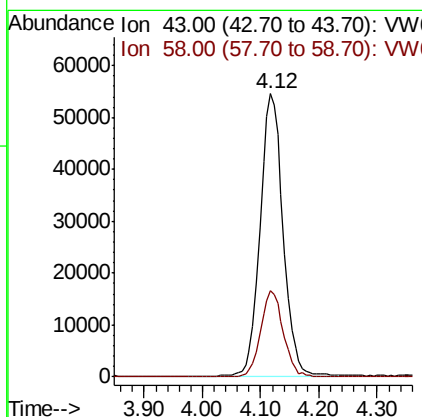
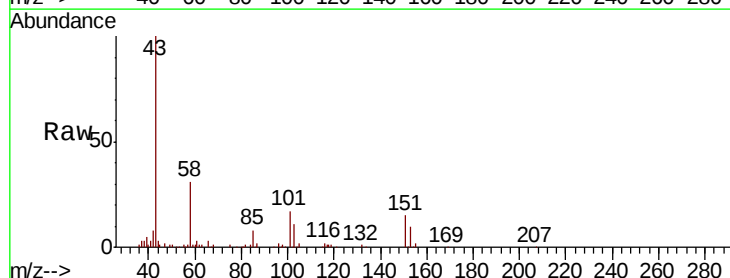
RT: 4.12 min Scan# 363

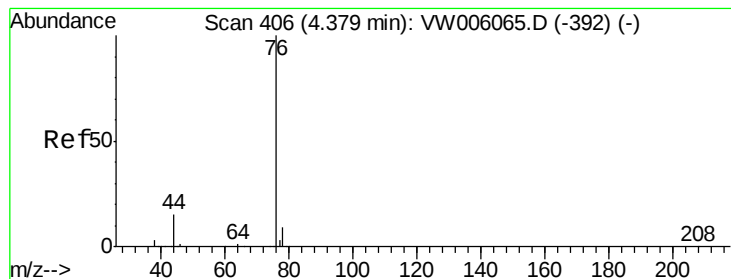
Delta R.T. -0.03 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion:	43	Resp:	150958
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.0	36.0





#17

Carbon Disulfide

Concen: 52.184 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 440353

Ion Ratio Lower Upper

76 100

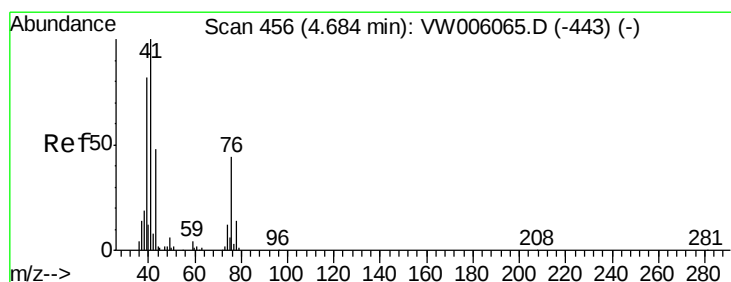
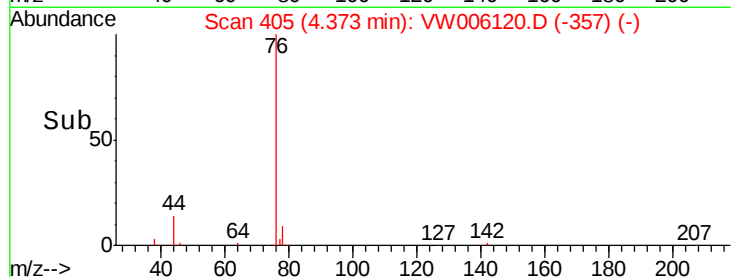
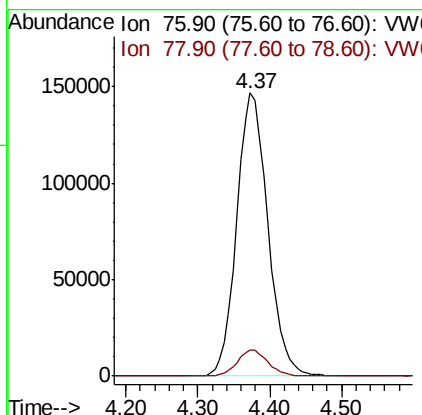
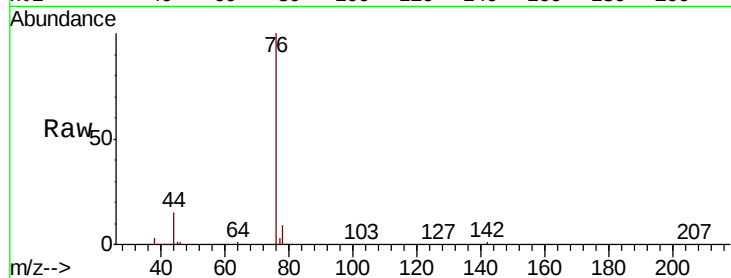
78 9.2 7.5 11.3

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#18

Methyl Acetate

Concen: 46.416 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW006120.D

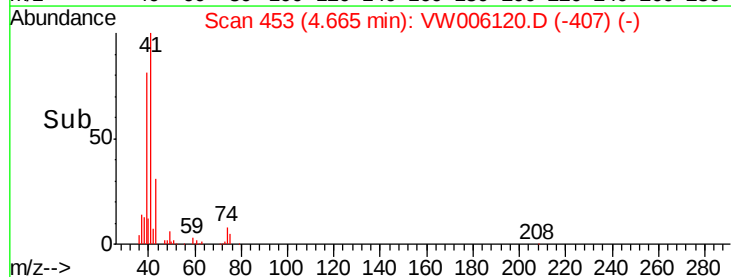
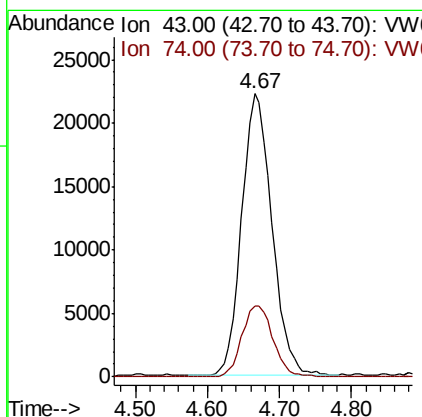
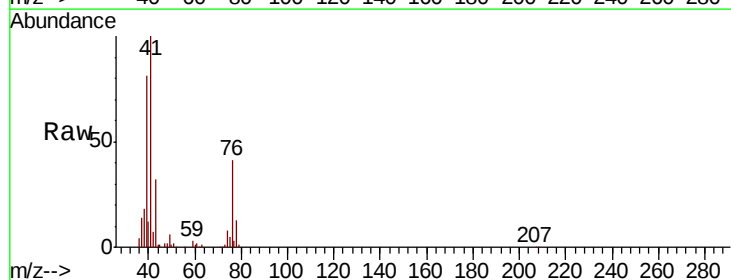
Acq: 17 Oct 2018 12:12

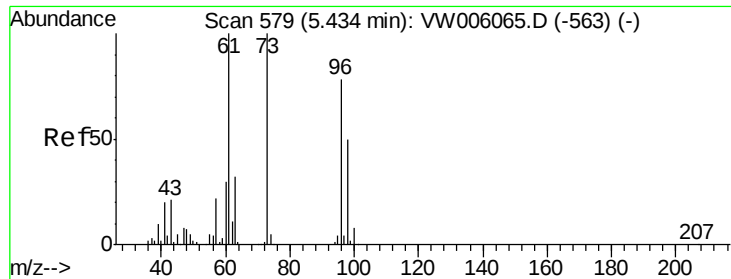
Tgt Ion: 43 Resp: 64804

Ion Ratio Lower Upper

43 100

74 25.9 20.5 30.7





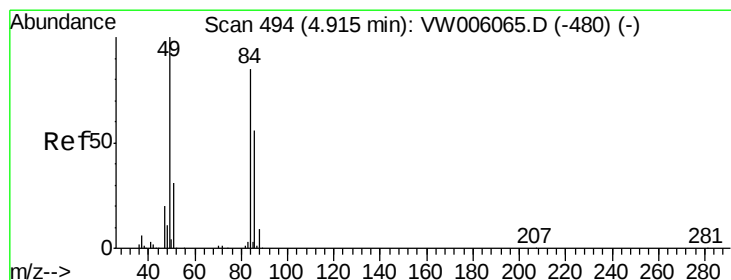
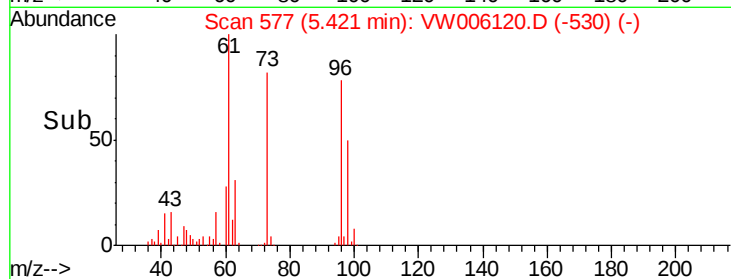
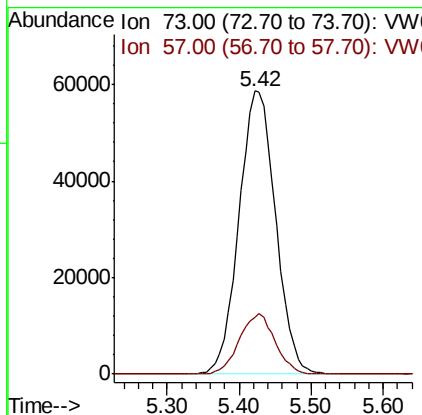
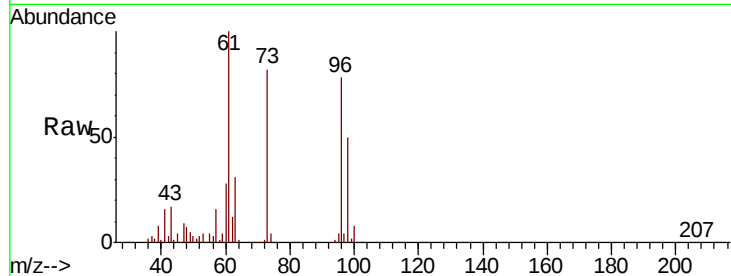
#19
Methvl tert-butvl Ether
Concen: 48.536 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
73	100	206692		
57	19.9		17.4	26.2

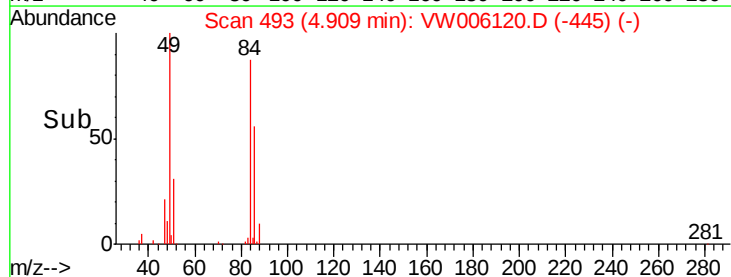
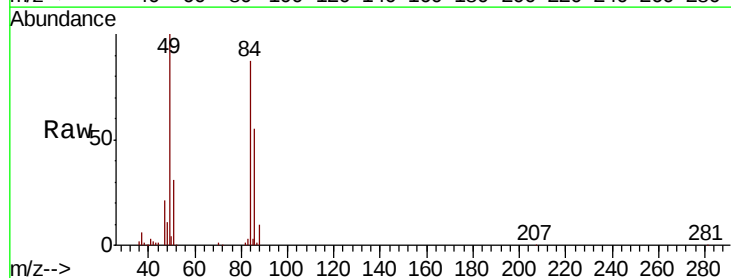
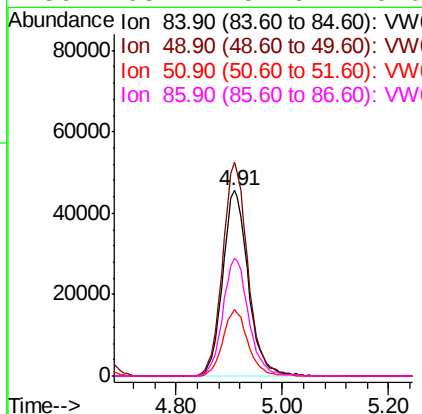
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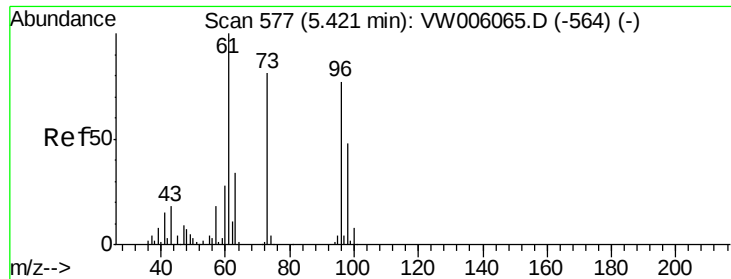
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#20
Methylene Chloride
Concen: 51.964 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	152354		
49	115.3		93.6	140.4
51	35.8		29.0	43.4
86	63.7		52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 52.706 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

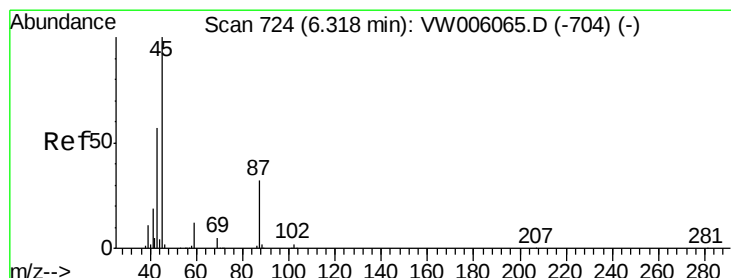
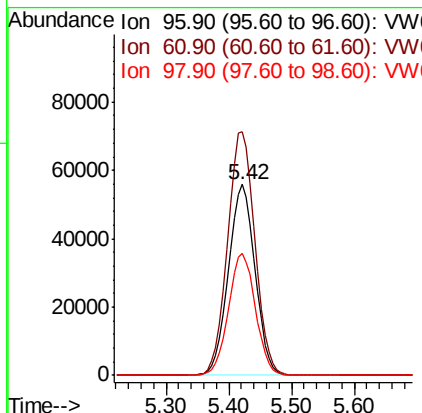
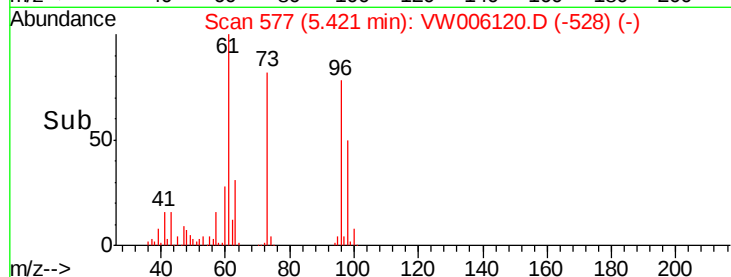
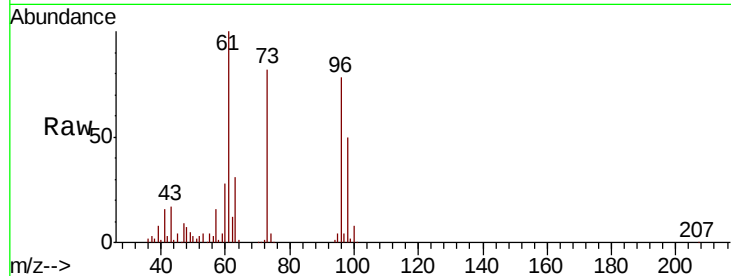
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	164490
Ion	Ratio	Lower	Upper
96	100		
61	127.5	104.5	156.7
98	64.1	50.6	75.8

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#22

Diisopropyl ether

Concen: 51.043 ug/l

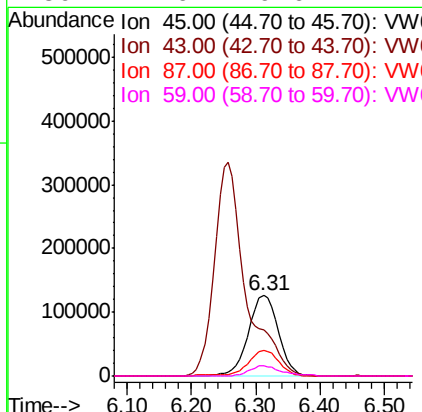
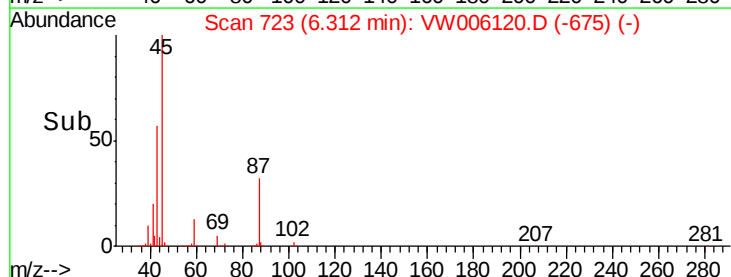
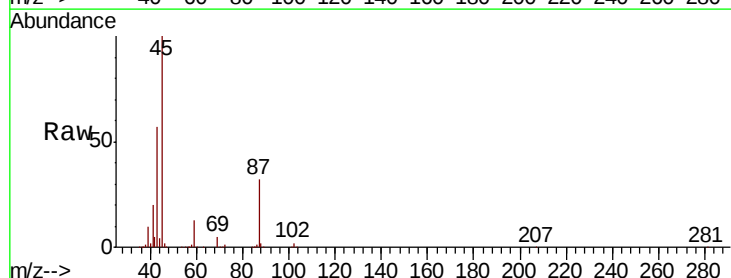
RT: 6.31 min Scan# 723

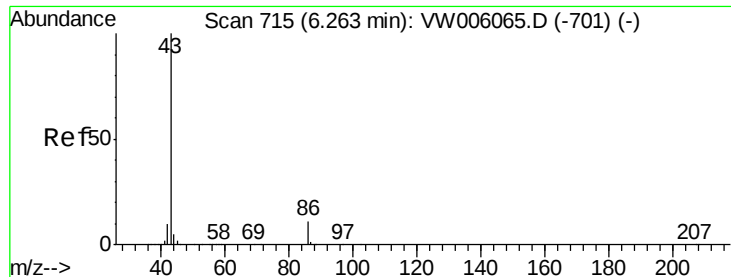
Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion:	45	Resp:	403253
Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.7	68.5
87	31.7	25.9	38.9
59	12.6	9.6	14.4





#23

Vinyl Acetate

Concen: 244.035 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1137787

Ion Ratio Lower Upper

43 100

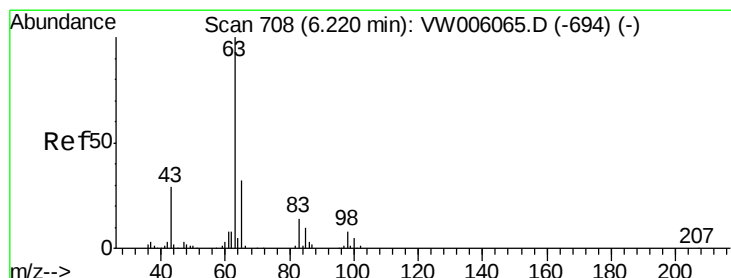
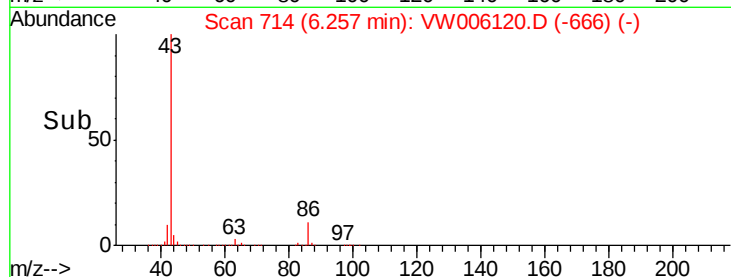
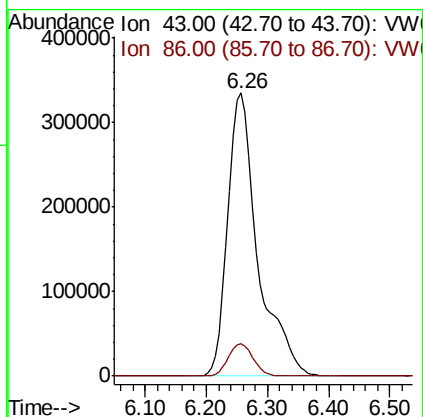
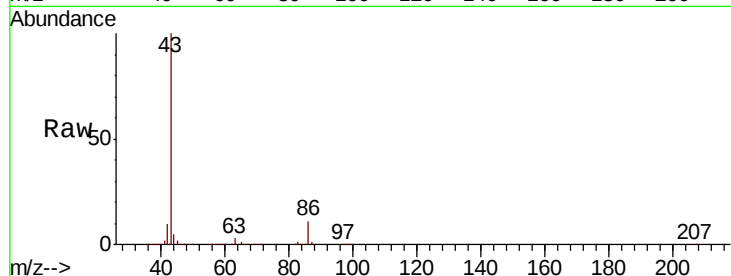
86 11.4 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 52.654 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

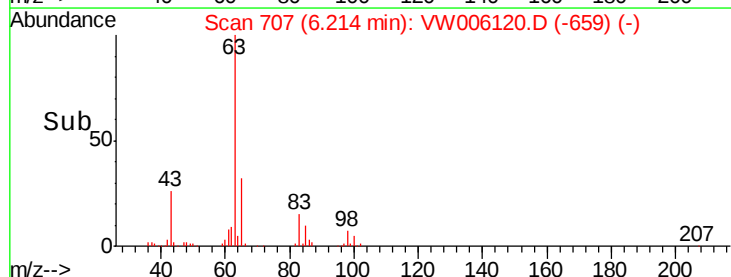
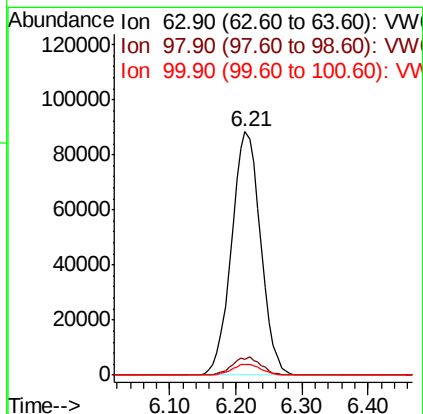
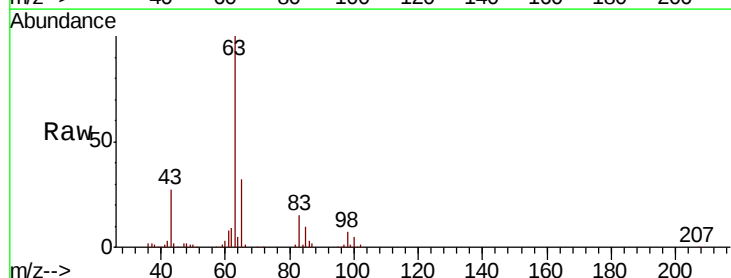
Tgt Ion: 63 Resp: 268419

Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 4.6 2.5 7.5





#25

2-Butanone

Concen: 245.105 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 183701

Ion Ratio Lower Upper

43 100

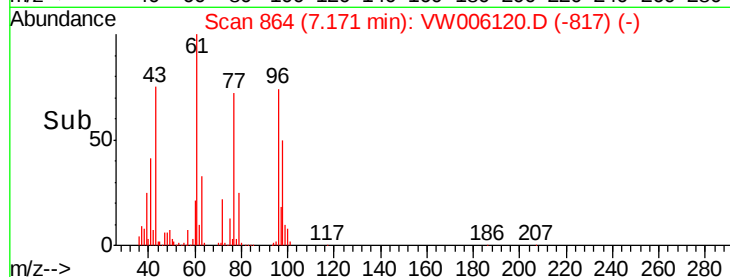
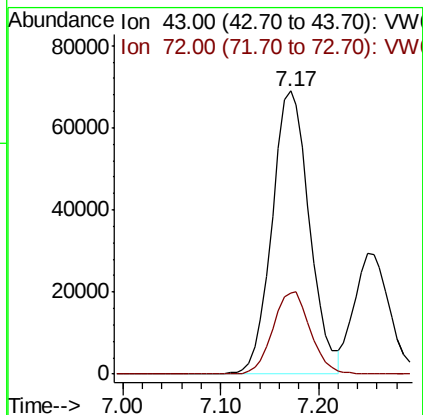
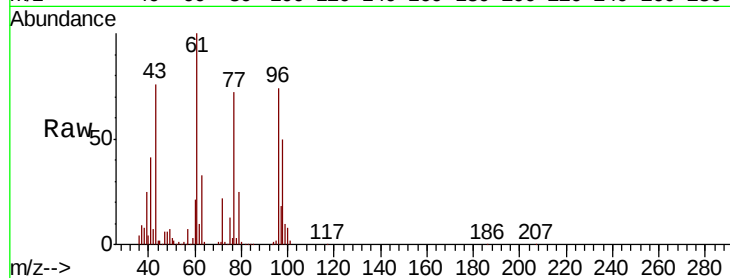
72 28.8 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.808 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006120.D

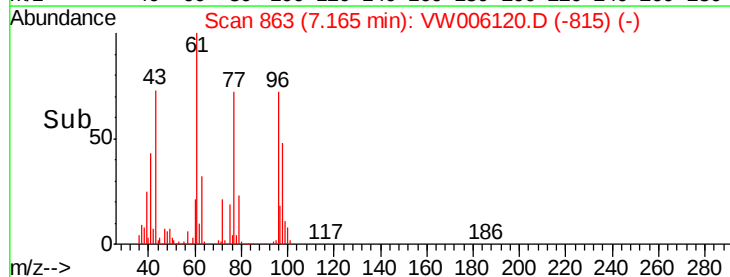
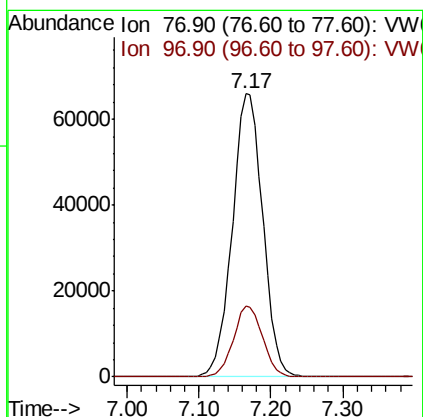
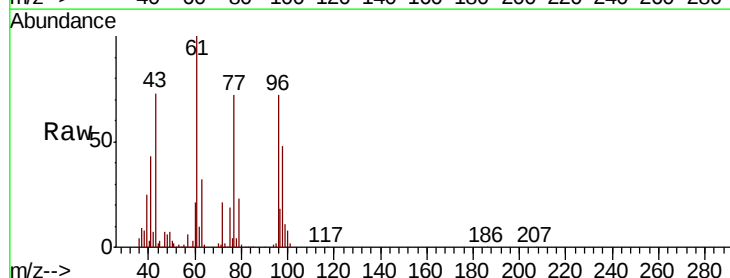
Acq: 17 Oct 2018 12:12

Tgt Ion: 77 Resp: 193464

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.4





#27

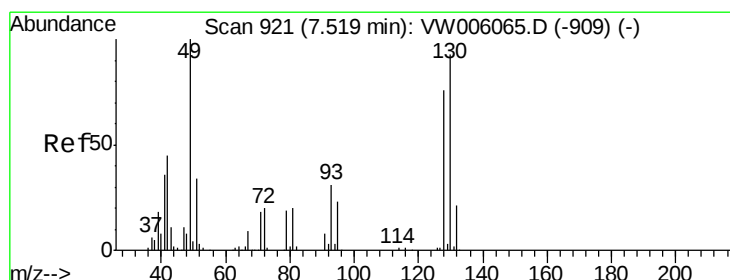
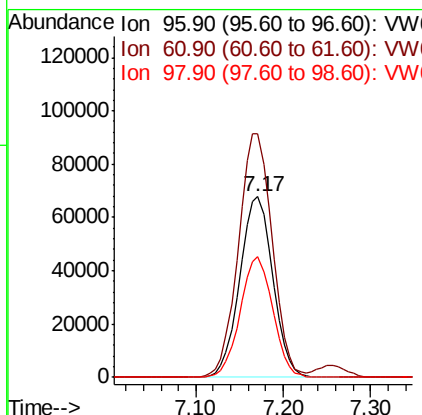
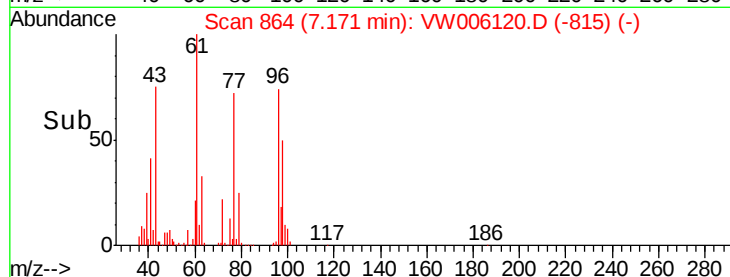
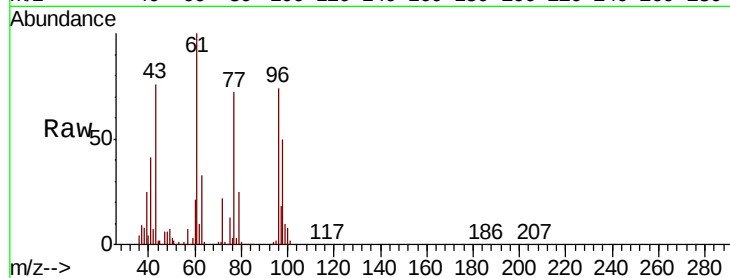
cis-1,2-Dichloroethene
Concen: 51.842 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	267.2
98	65.7	0.0	128.6

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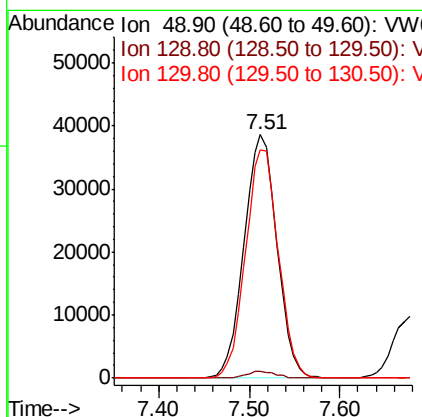
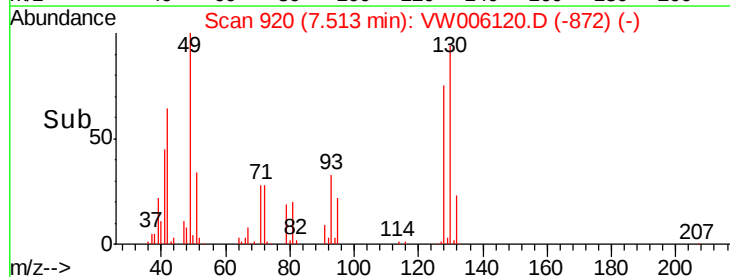
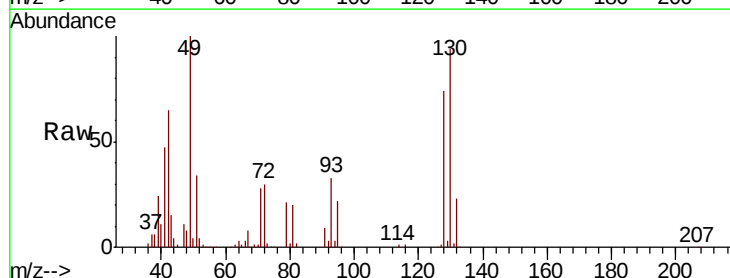
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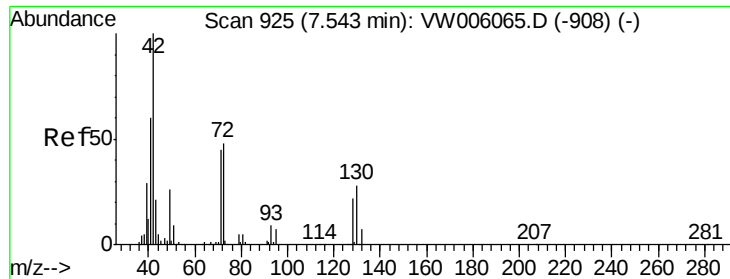


#28

Bromochloromethane
Concen: 49.155 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	93.8	73.8	110.8





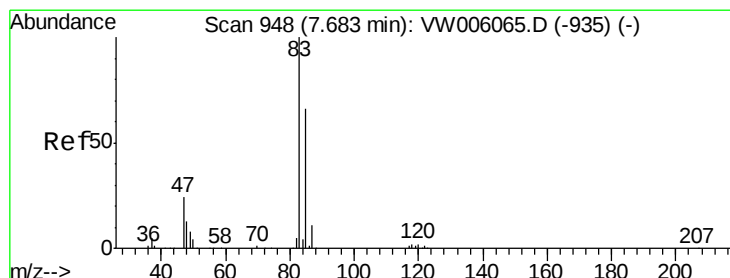
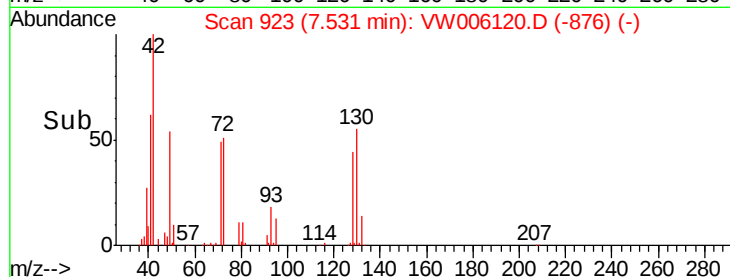
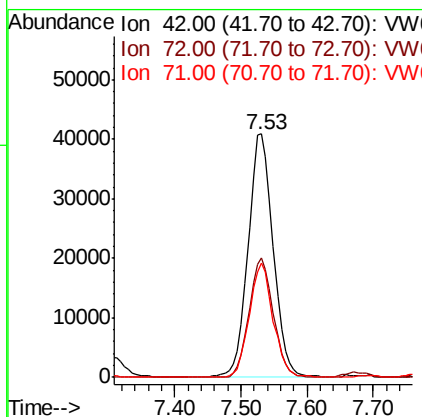
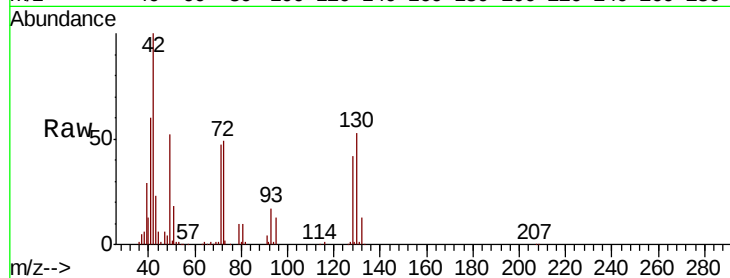
#29
Tetrahydrofuran
Concen: 235.574 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	38.0	57.0
71	44.4	35.3	52.9

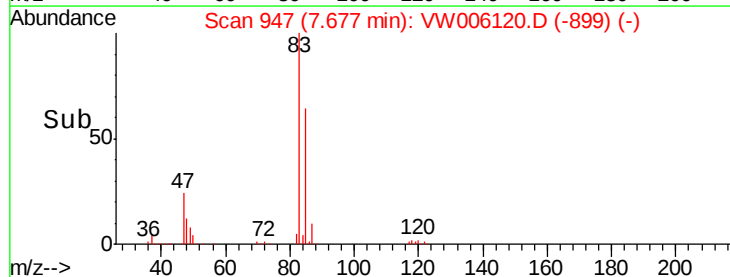
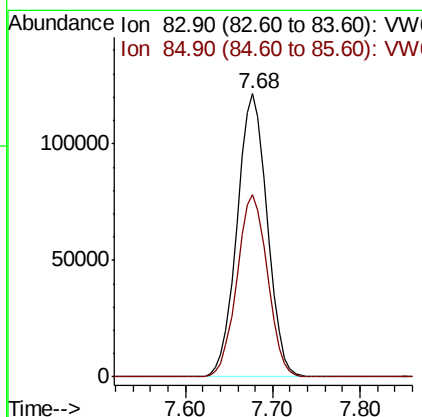
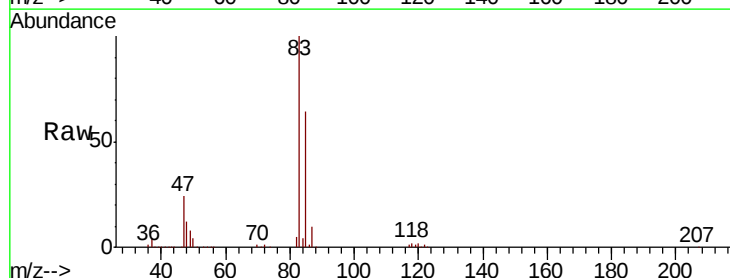
Manual Integrations
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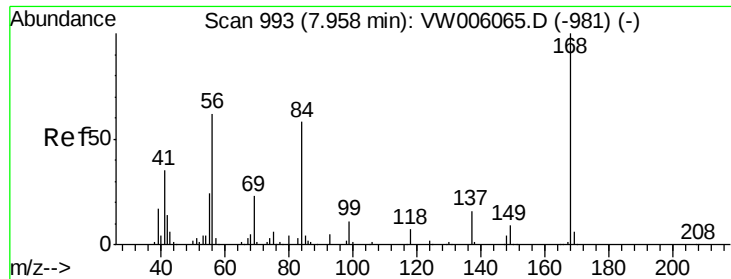
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#30
Chloroform
Concen: 52.358 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	79.0





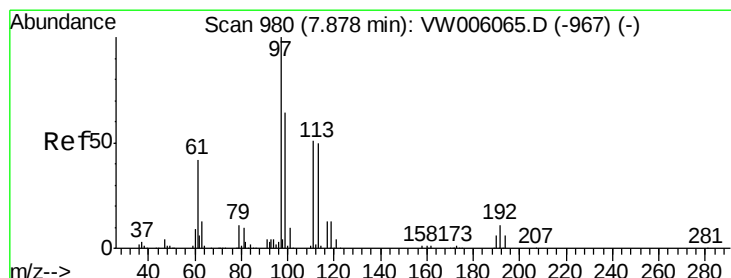
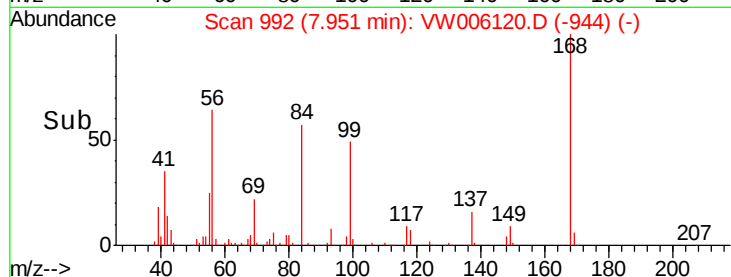
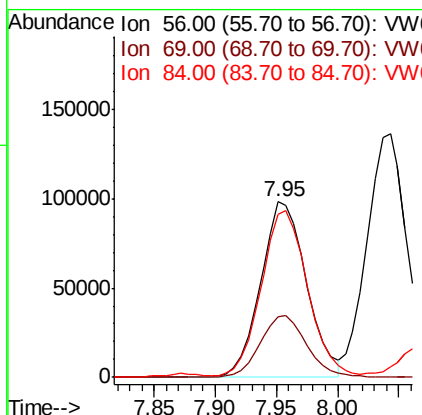
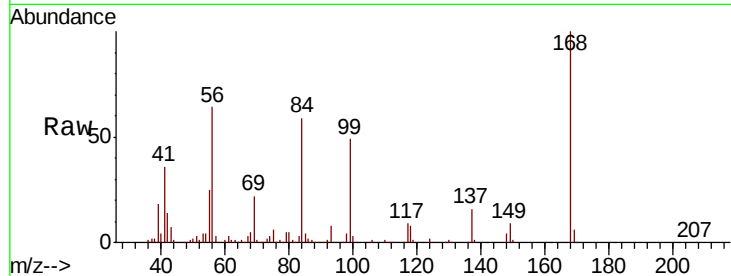
#31
Cyclohexane
Concen: 50.510 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	29.4	44.0
84	91.0	74.0	111.0

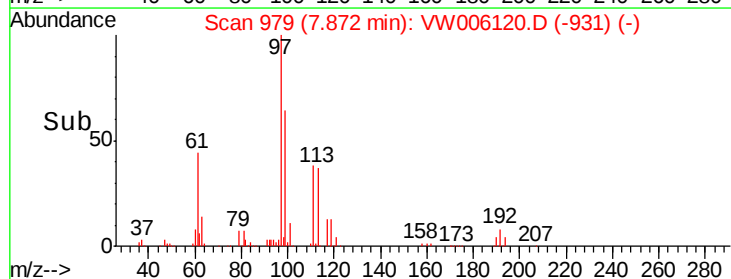
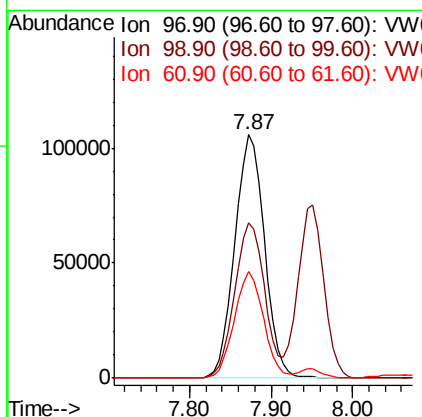
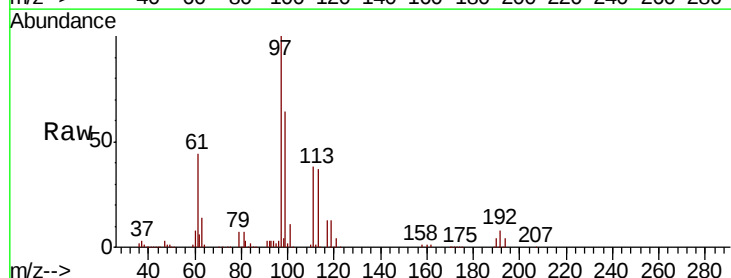
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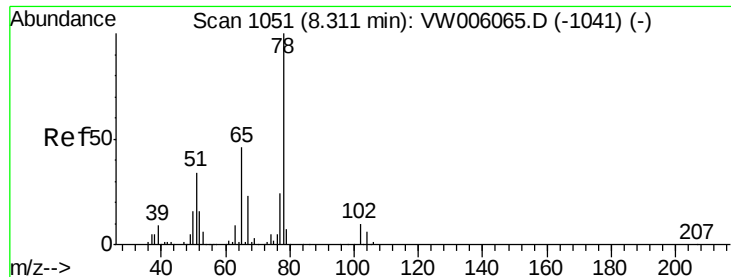
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#32
1,1,1-Trichloroethane
Concen: 53.371 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.9	76.3
61	42.7	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 44.374 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 123107

Ion Ratio Lower Upper

65 100

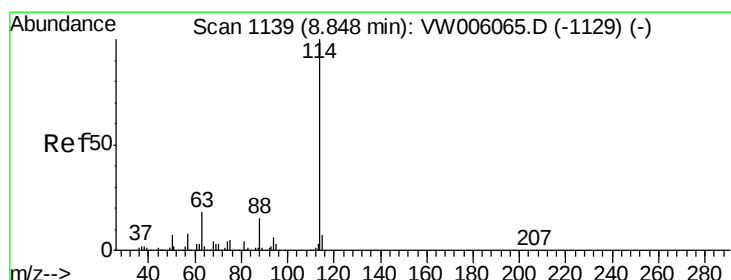
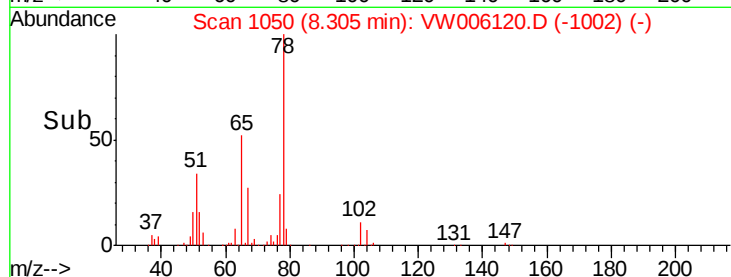
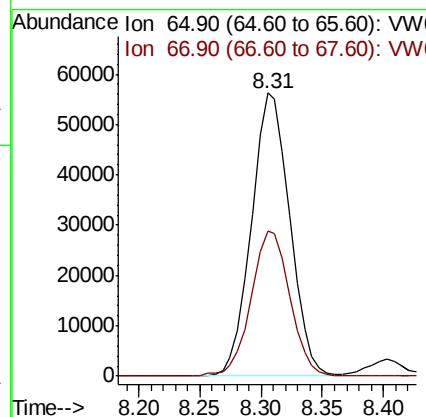
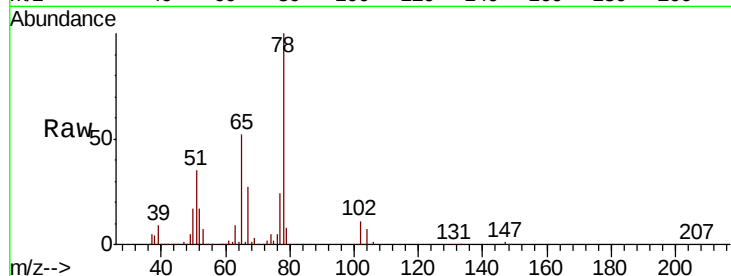
67 51.9 0.0 101.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

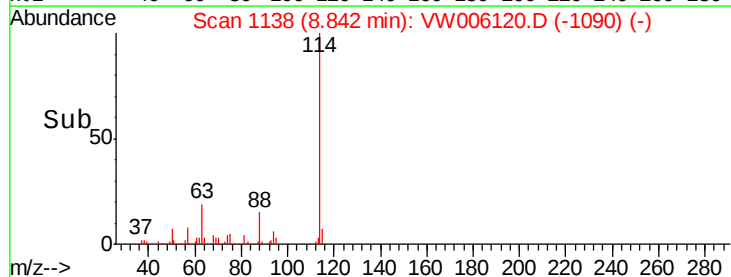
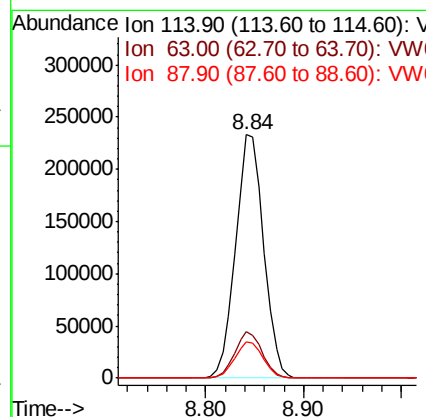
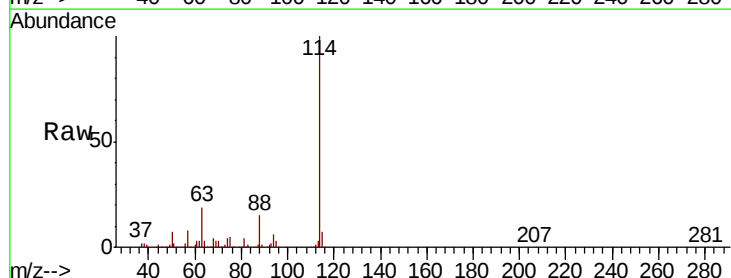
Tgt Ion: 114 Resp: 464133

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 15.0 0.0 29.0





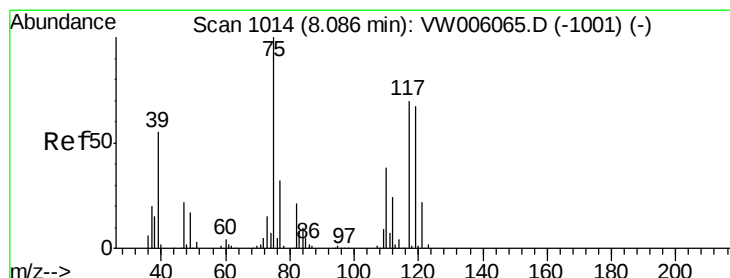
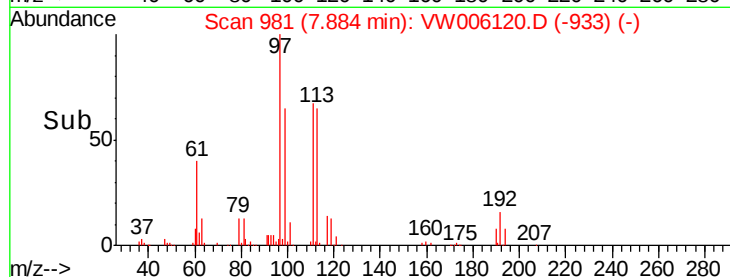
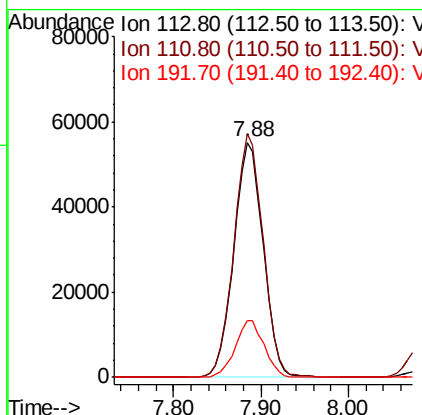
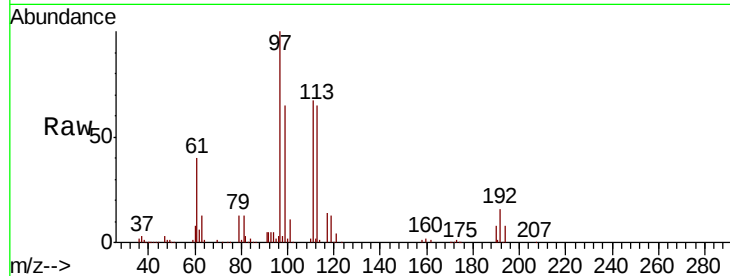
#35
Dibromofluoromethane
Concen: 46.994 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128882		
111	103.1	81.4	122.0	
192	23.8	18.7	28.1	

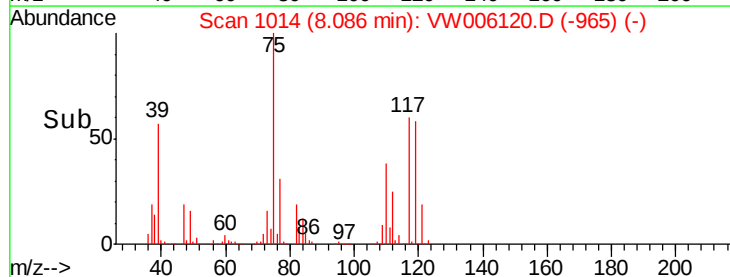
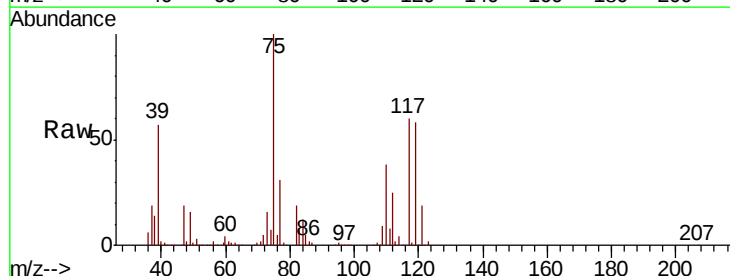
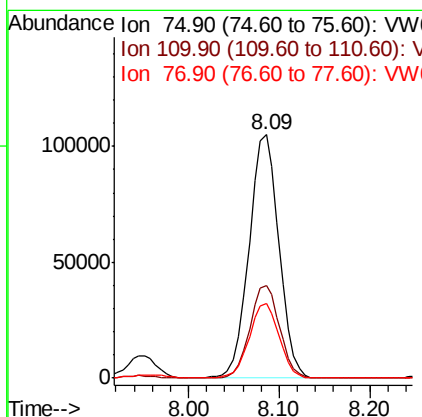
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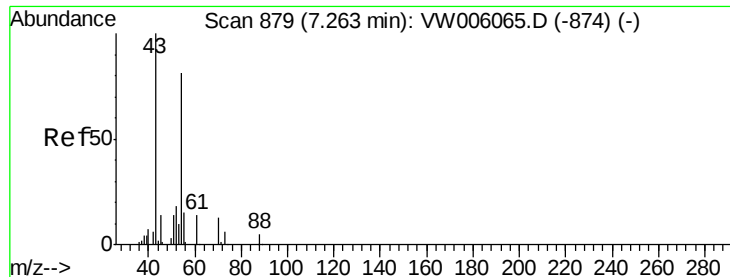
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#36
1,1-Dichloropropene
Concen: 55.849 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	238923		
110	37.7	19.1	57.1	
77	31.0	25.0	37.4	





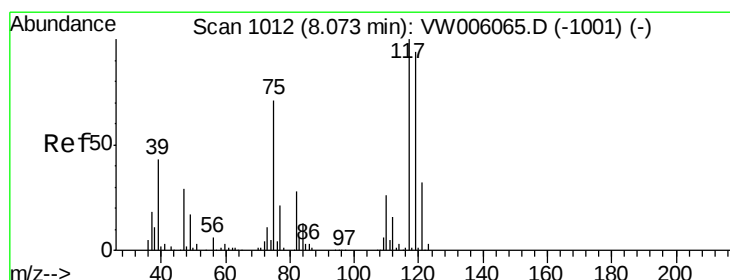
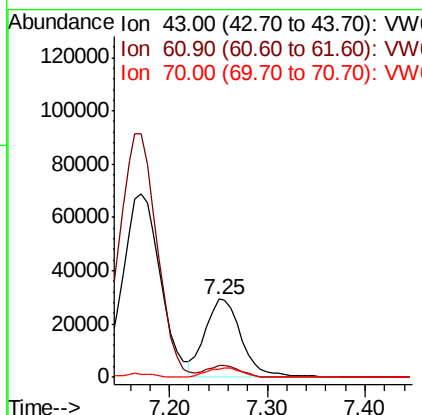
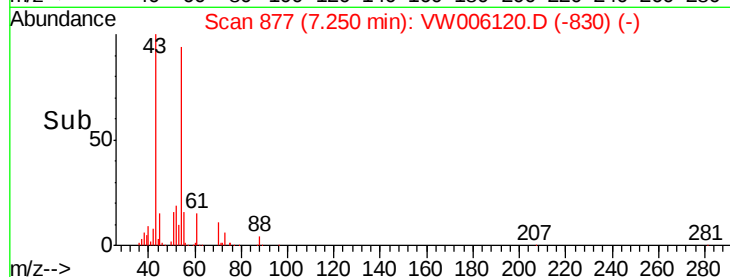
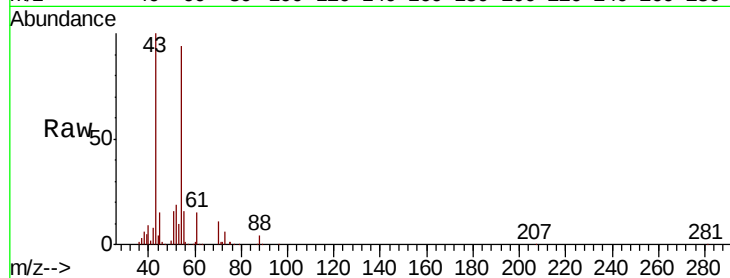
#37
Ethyl Acetate
Concen: 47.123 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.9	9.2	13.8

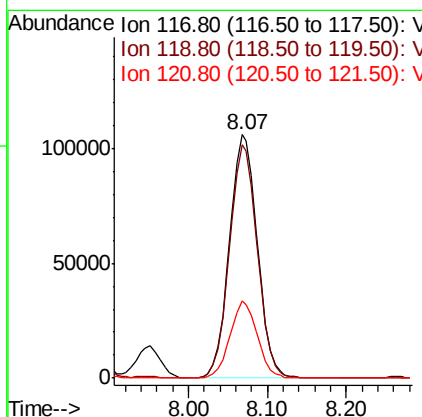
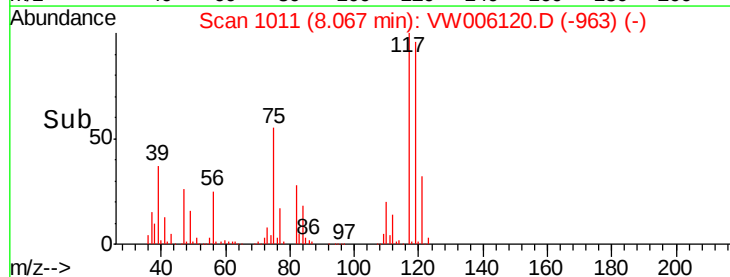
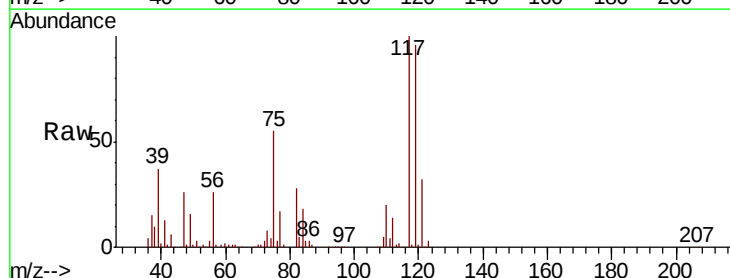
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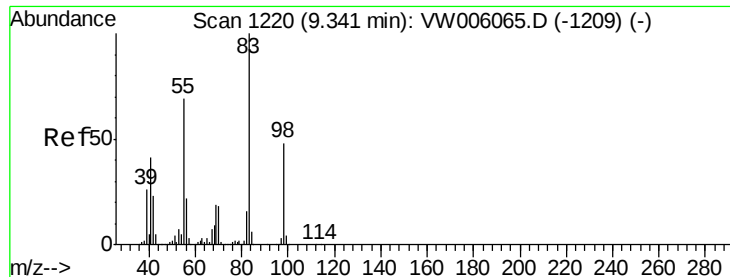
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#38
Carbon Tetrachloride
Concen: 55.641 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.2	112.8
121	31.5	25.3	37.9





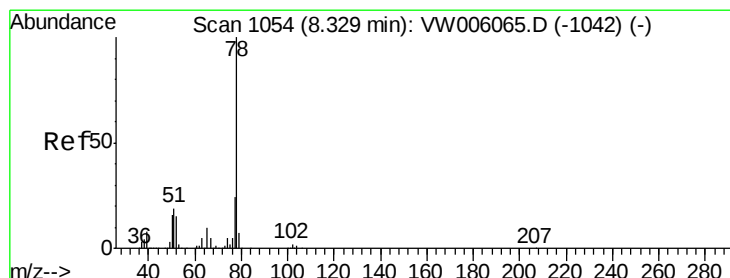
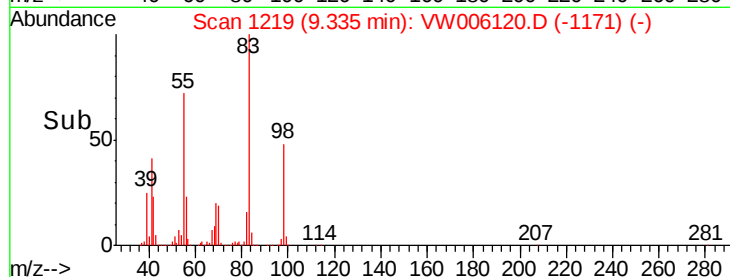
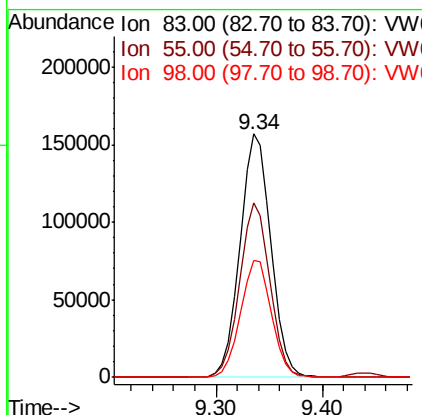
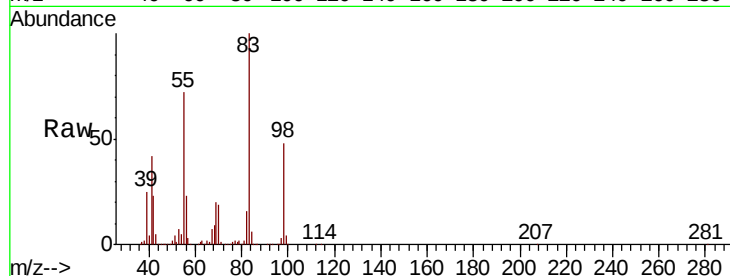
#39
Methvlcvclohexane
Concen: 56.139 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	55.0	82.6
98	48.2	38.6	57.8

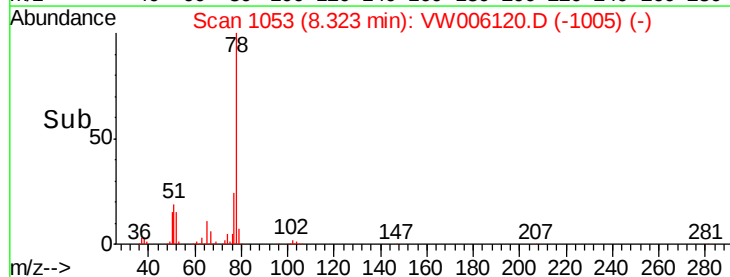
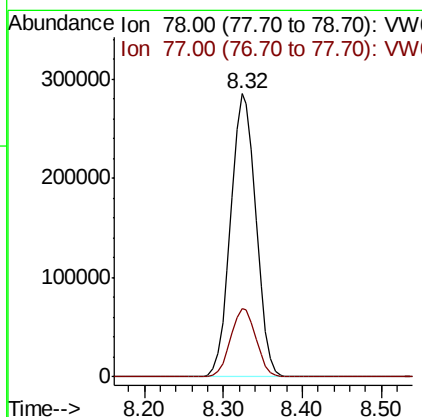
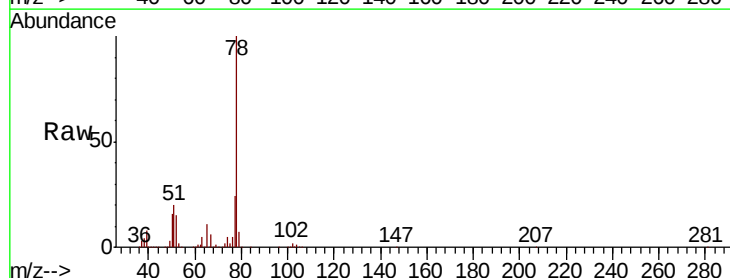
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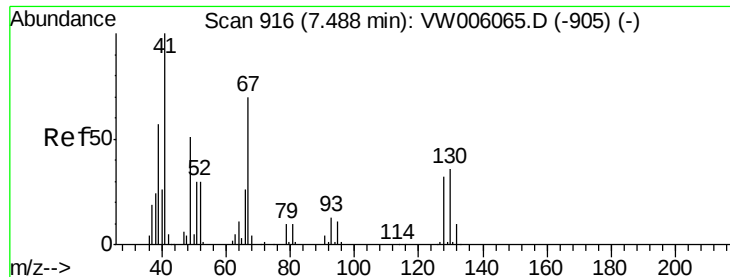
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#40
Benzene
Concen: 54.180 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





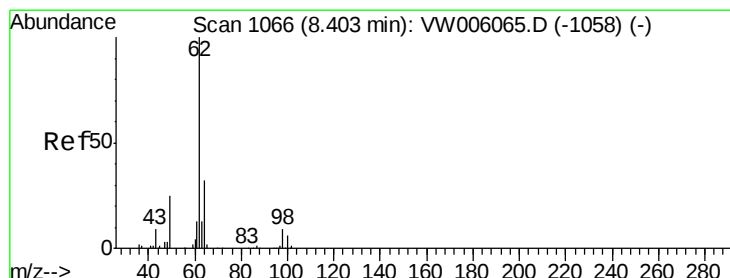
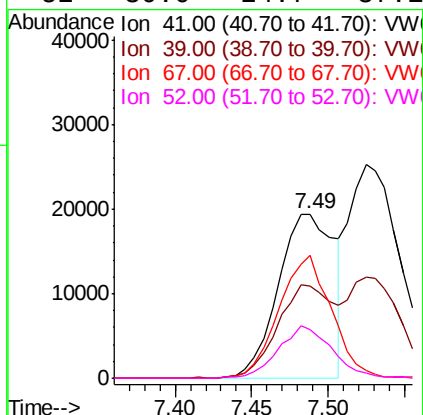
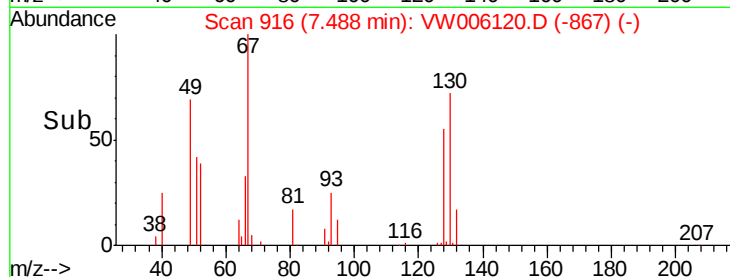
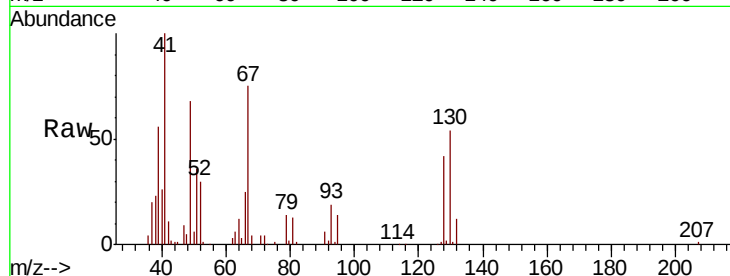
#41
Methacrylonitrile
Concen: 52.095 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	46.2	69.4
67	69.8	57.7	86.5
52	30.0	24.7	37.1

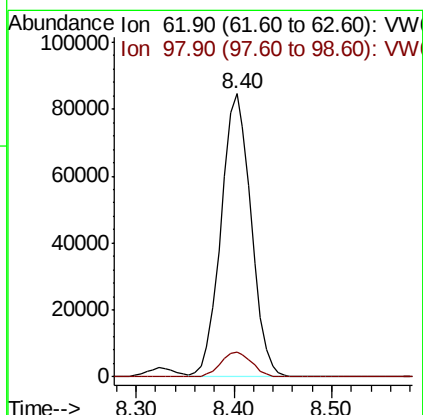
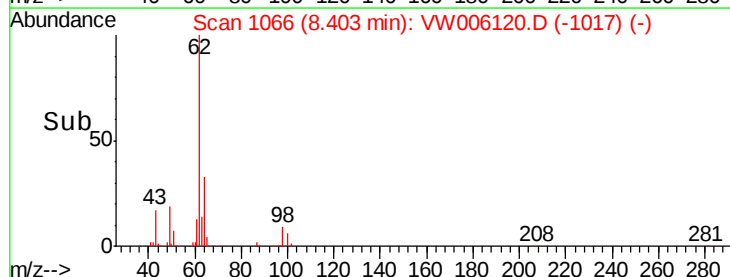
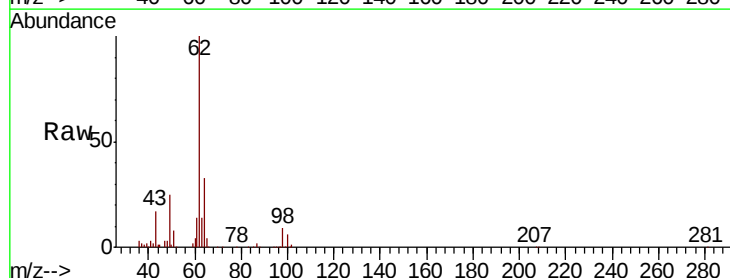
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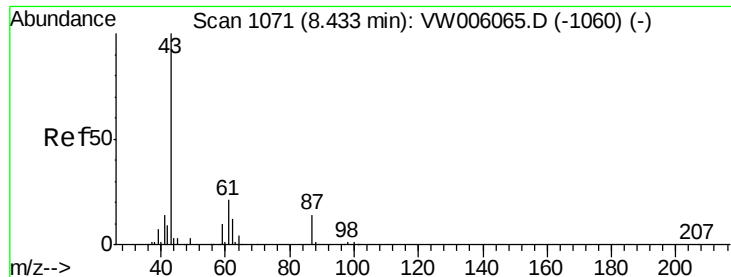
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#42
1,2-Dichloroethane
Concen: 52.255 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





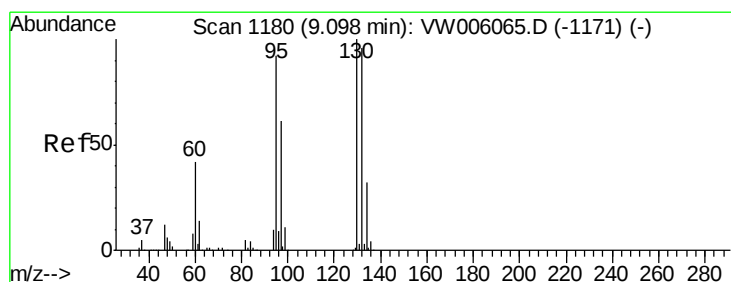
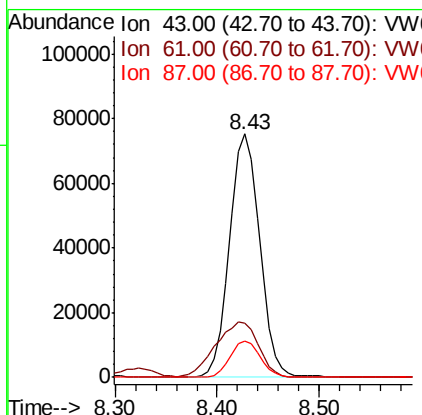
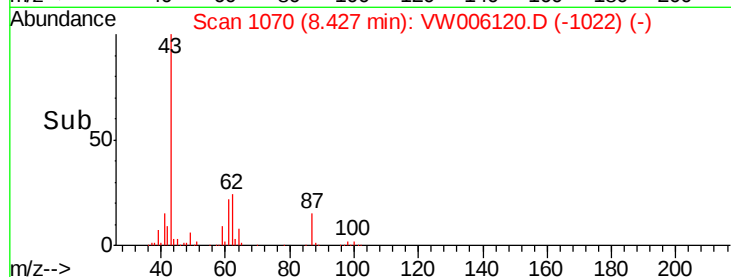
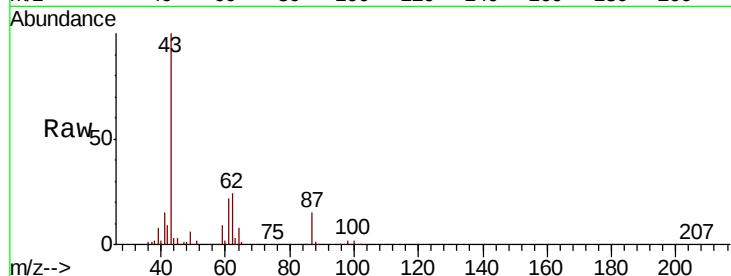
#43
Isopropyl Acetate
Concen: 47.385 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.4	25.5	38.3
87	15.0	11.7	17.5

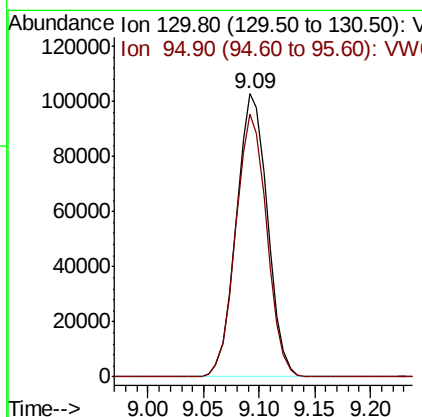
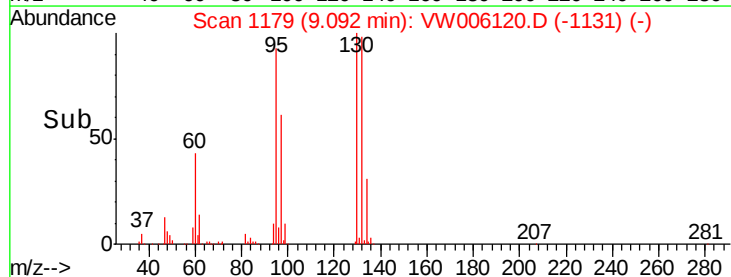
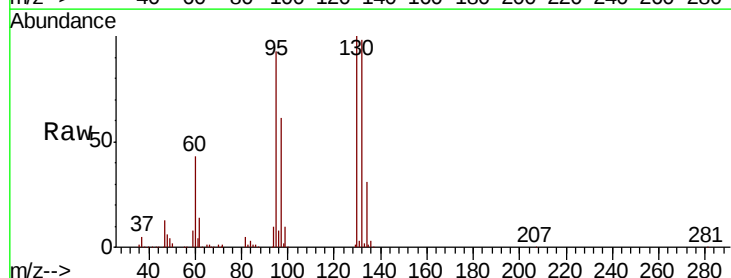
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#44
Trichloroethene
Concen: 55.483 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	183.2





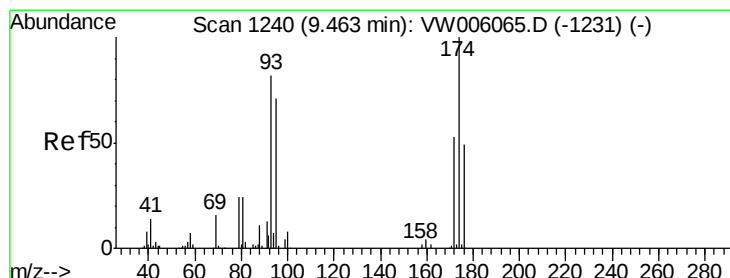
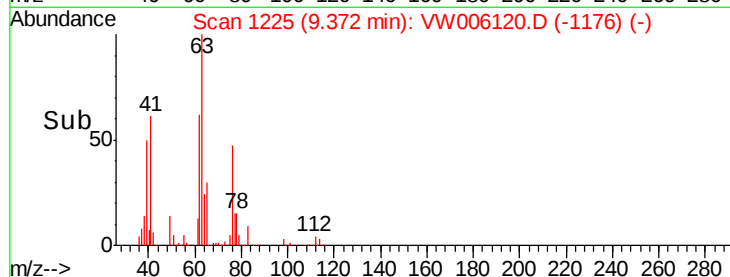
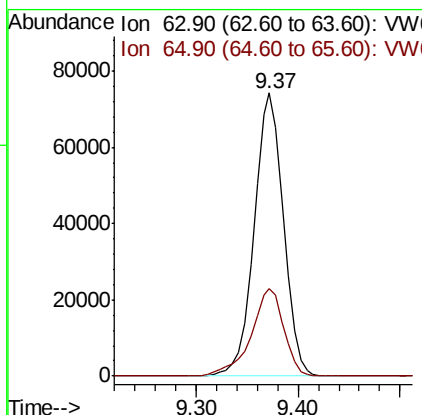
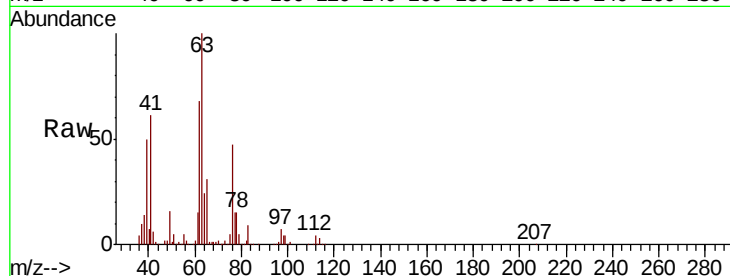
#45
 1,2-Dichloropropane
 Concen: 52.836 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.4	38.0

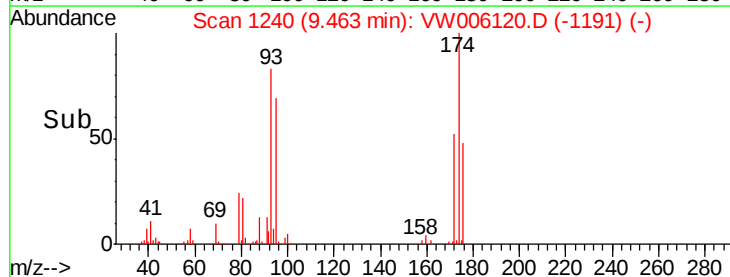
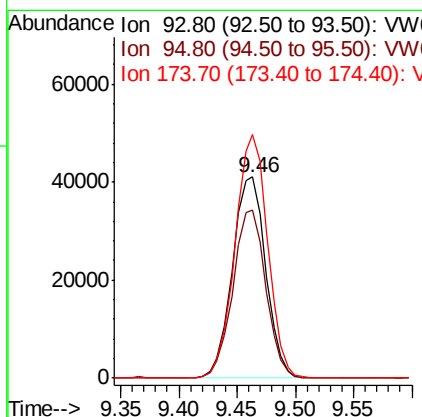
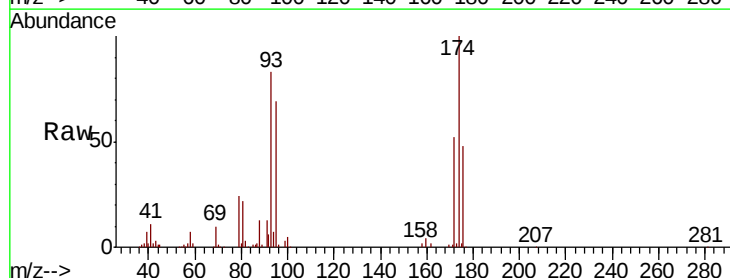
Manual Integrations
 APPROVED

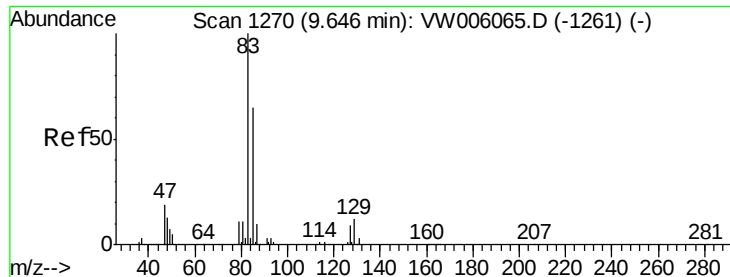
apatel
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#46
 Dibromomethane
 Concen: 51.337 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	67.7	101.5
174	118.3	93.7	140.5





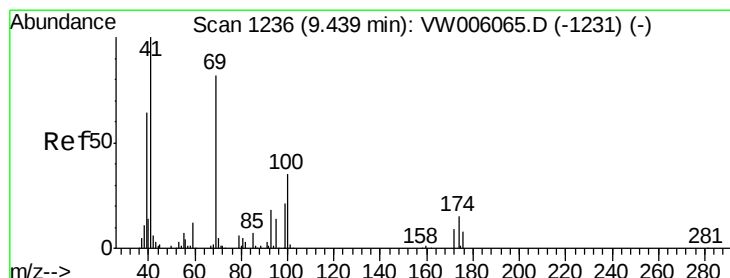
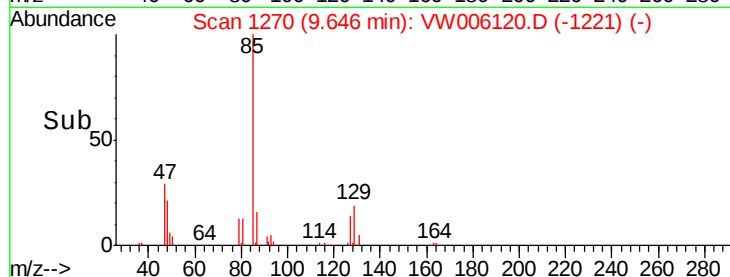
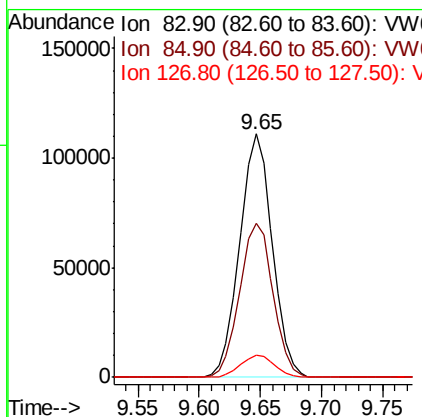
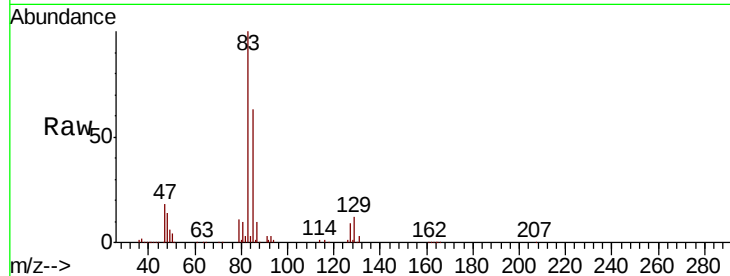
#47
Bromodichloromethane
Concen: 52.993 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	205628		
85	63.0		51.8	77.8
127	9.0		6.9	10.3

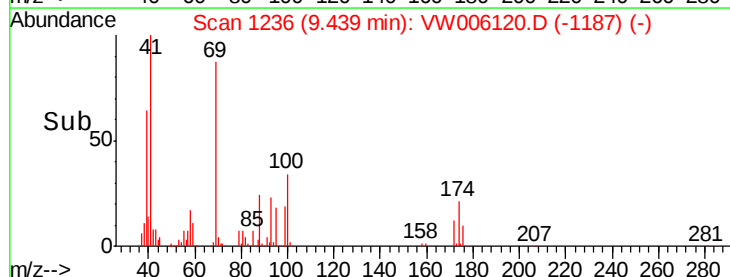
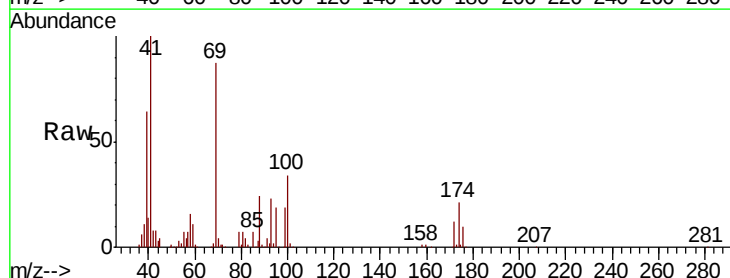
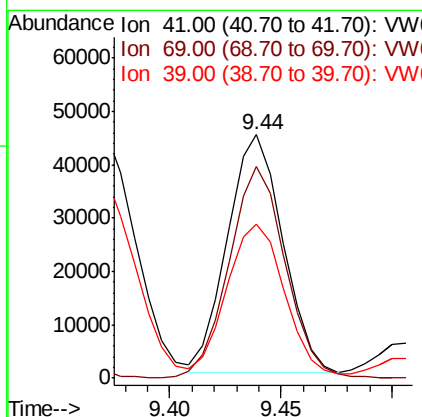
Manual Integrations
APPROVED

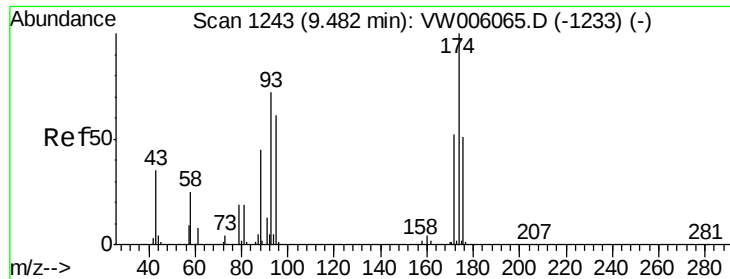
apatel
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#48
Methyl methacrylate
Concen: 49.850 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	76793		
69	90.7		71.8	107.8
39	64.9		52.5	78.7





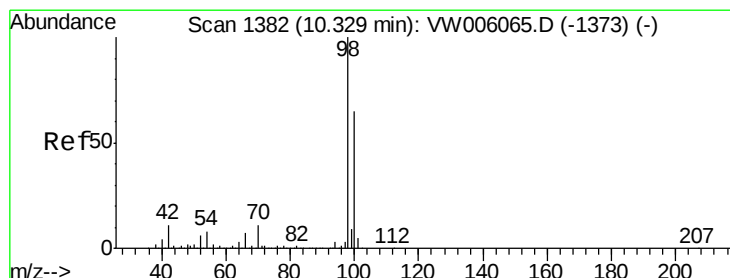
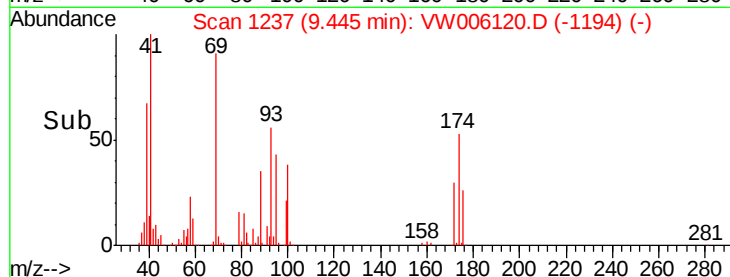
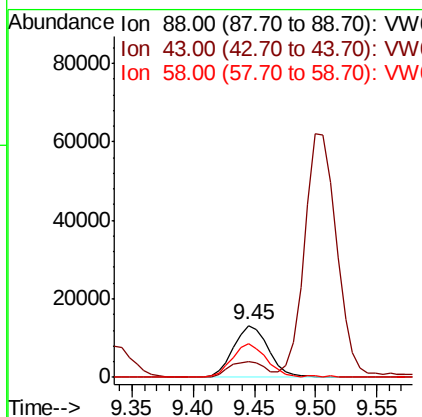
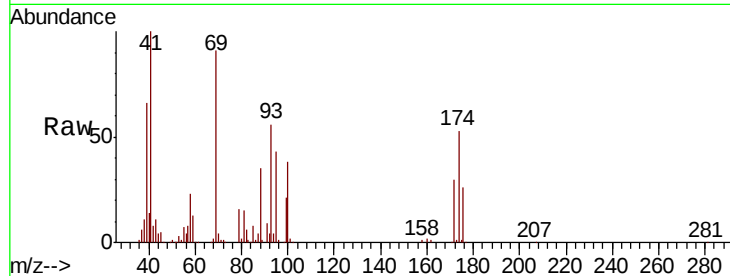
#49
1,4-Dioxane
Concen: 1068.521 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.04 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	0.0	0.0#
58	66.0	51.2	76.8

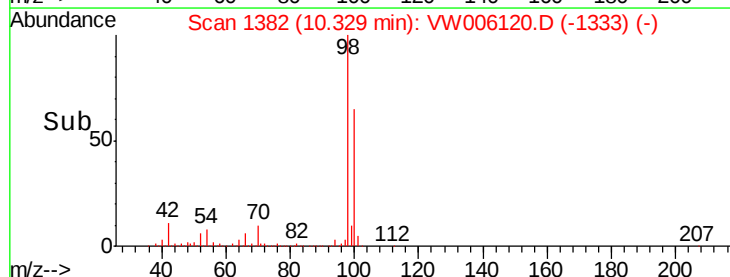
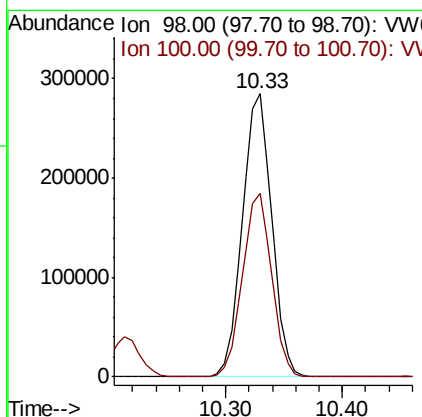
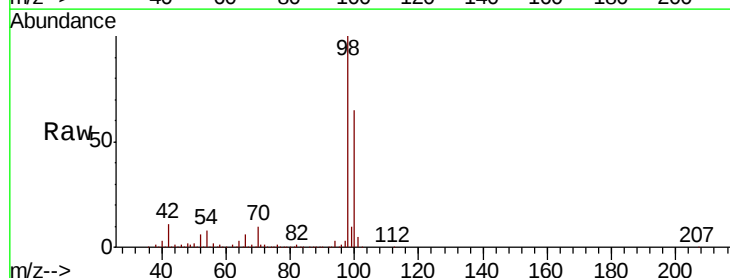
Manual Integrations
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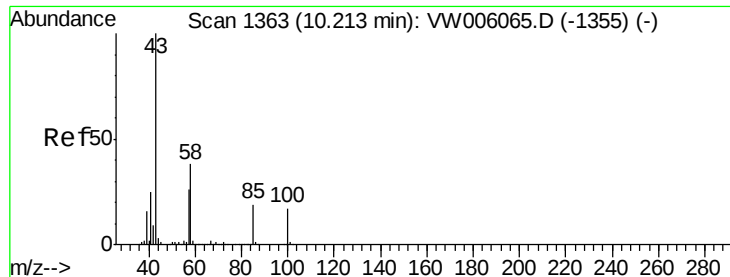
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#50
Toluene-d8
Concen: 48.171 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 237.455 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 386646

Ion Ratio Lower Upper

43 100

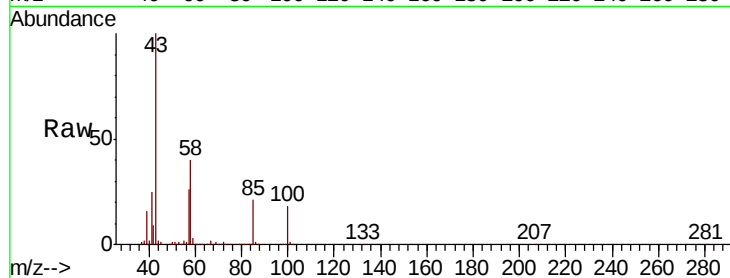
58 39.9 31.5 47.3

Manual Integrations

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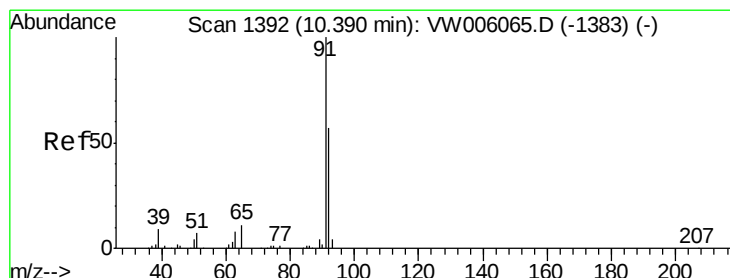
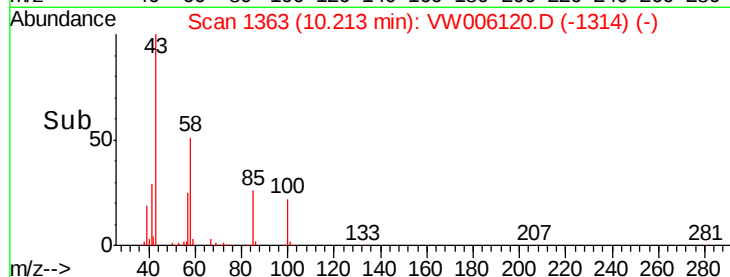
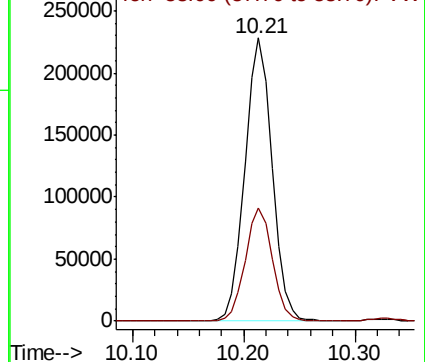
apatel

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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: 54.646 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006120.D

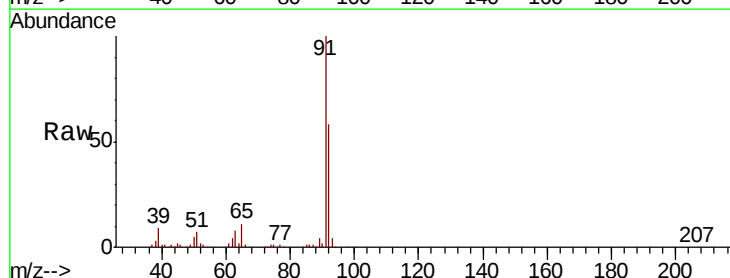
Acq: 17 Oct 2018 12:12

Tgt Ion: 92 Resp: 429922

Ion Ratio Lower Upper

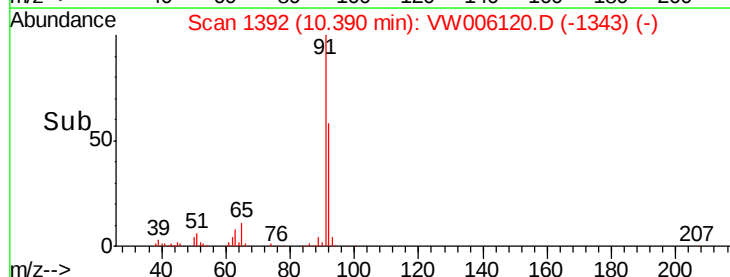
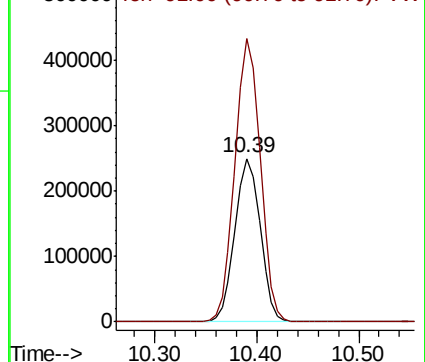
92 100

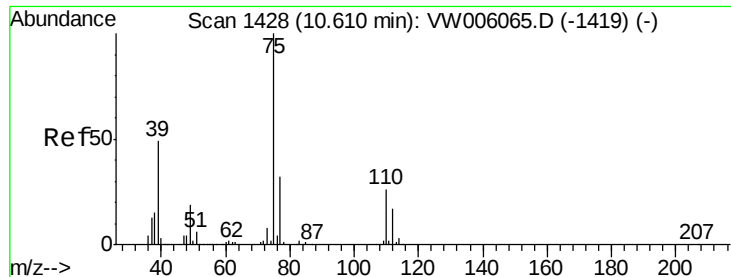
91 173.2 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





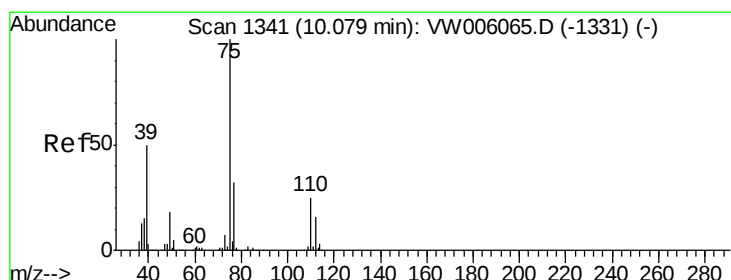
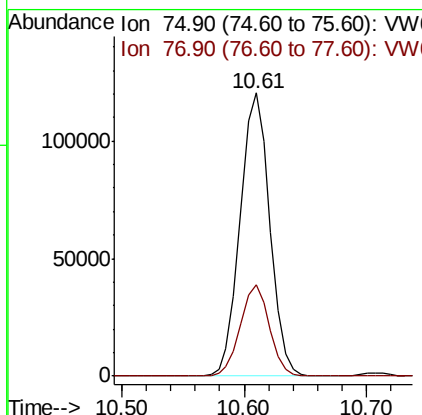
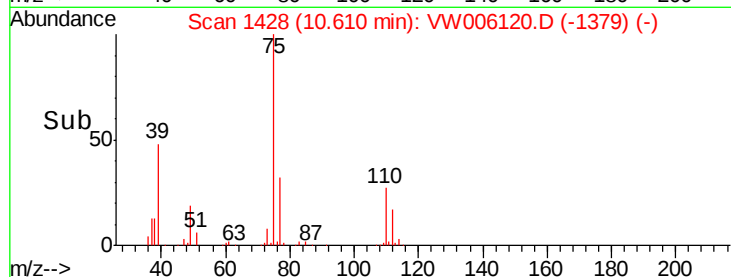
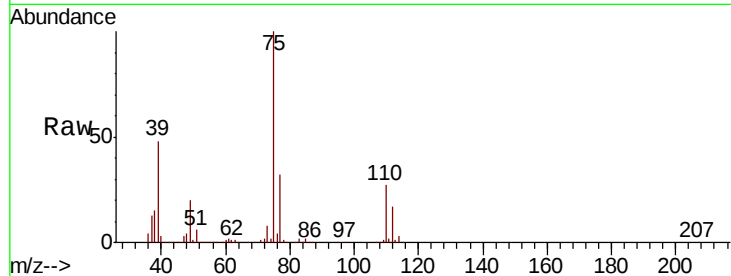
#53
t-1,3-Dichloropropene
Concen: 52.345 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 202366
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

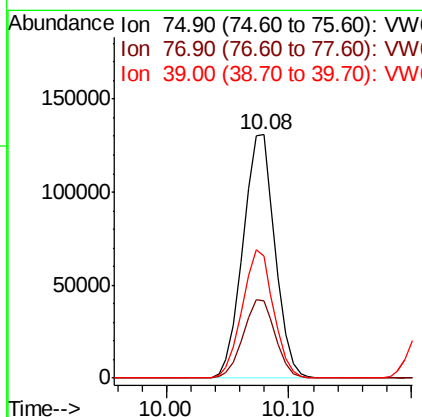
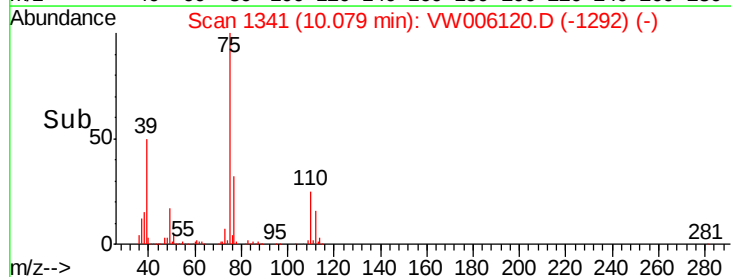
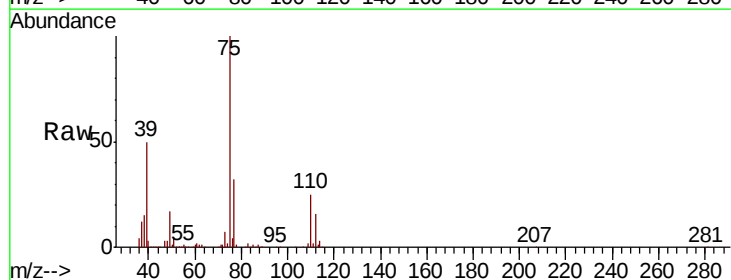
Manual Integrations
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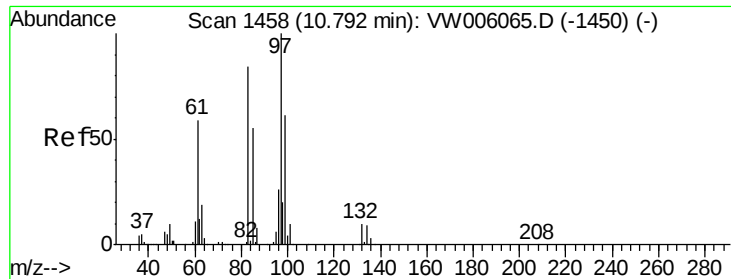
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#54
cis-1,3-Dichloropropene
Concen: 53.647 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion: 75 Resp: 238030
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 50.0 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 51.158 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

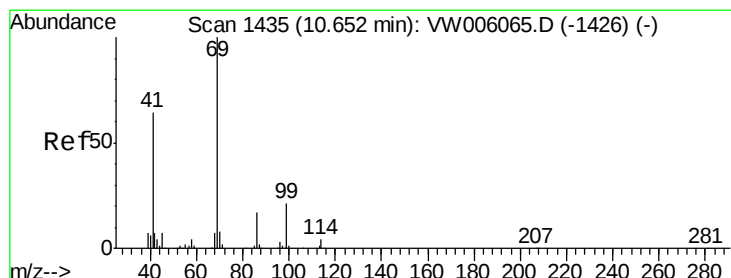
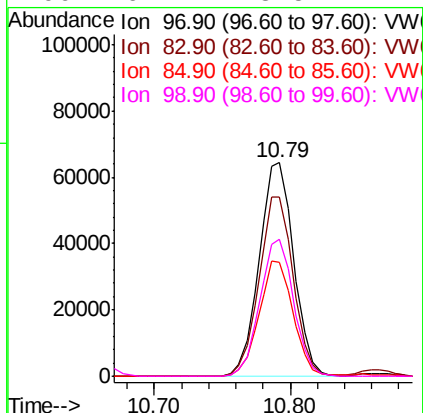
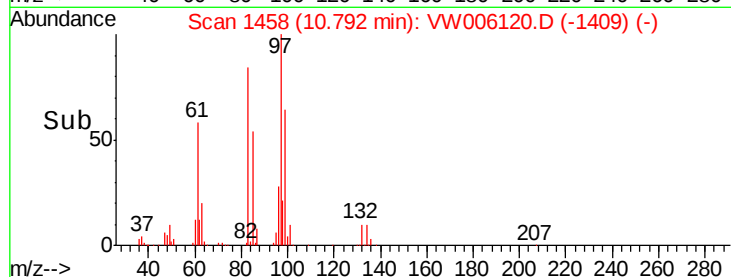
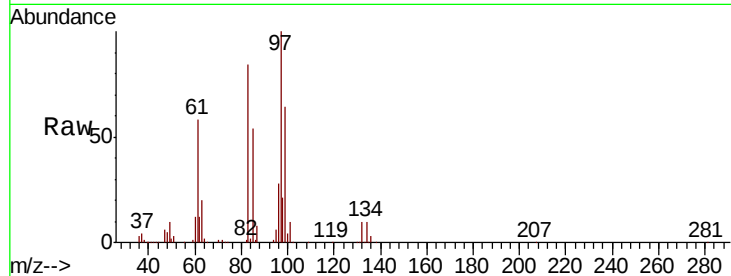
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	114578
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	53.4	43.7	65.5
99	64.2	48.5	72.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.150 ug/l

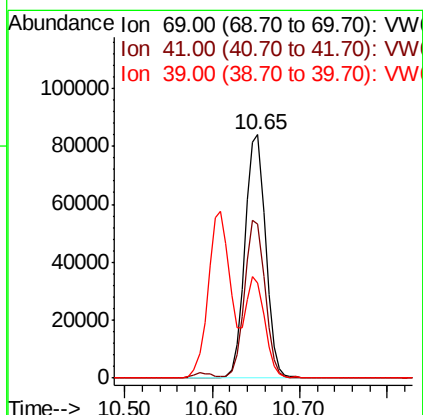
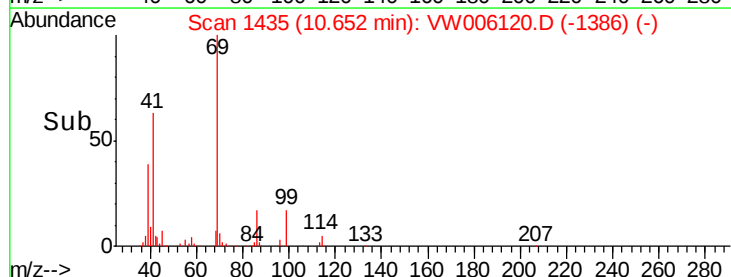
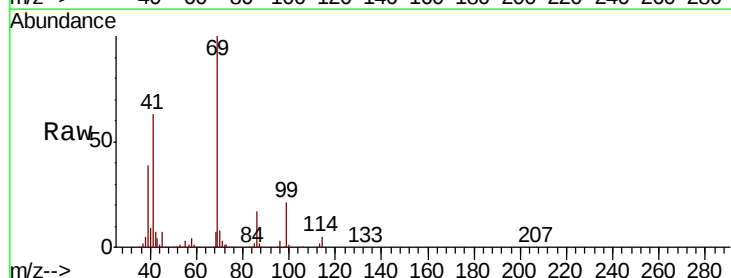
RT: 10.65 min Scan# 1435

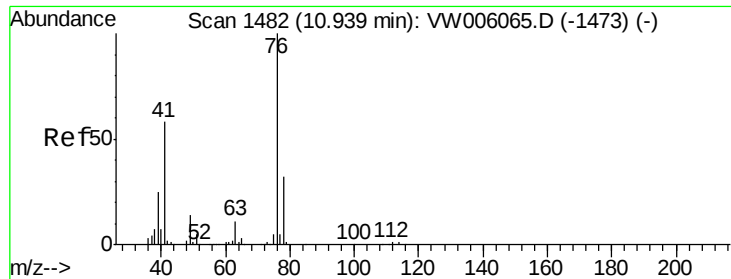
Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion:	69	Resp:	137695
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.8	79.2
39	39.9	30.6	45.8





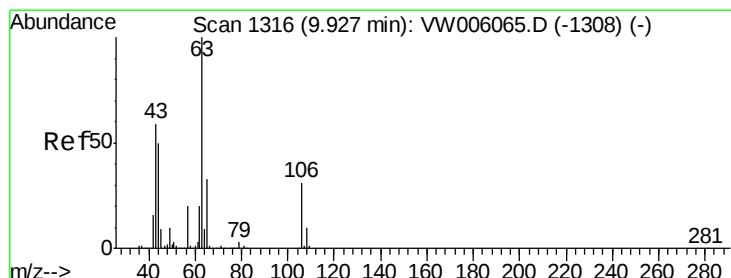
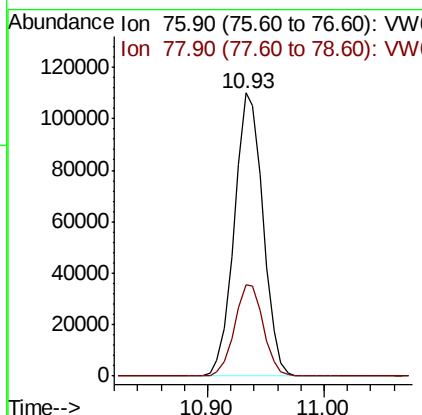
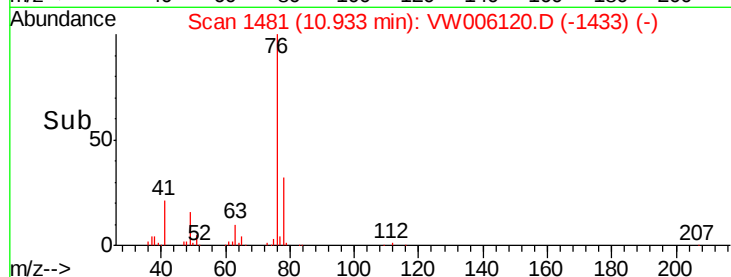
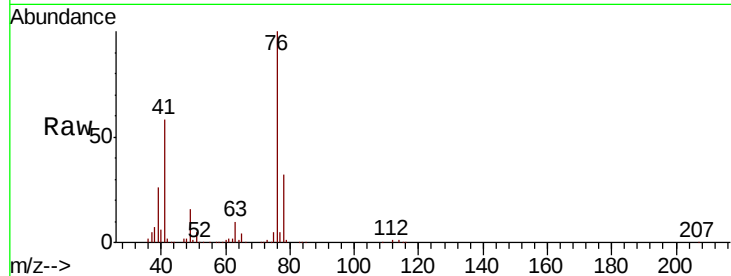
#57
 1,3-Dichloropropane
 Concen: 50.926 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

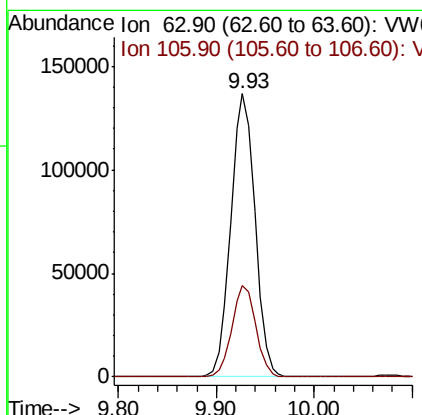
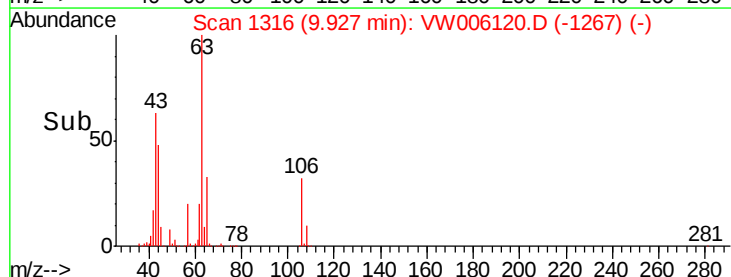
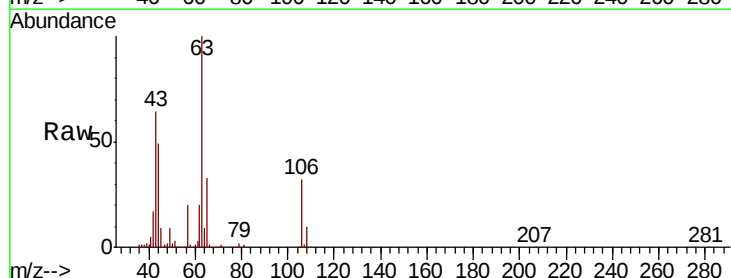
Manual Integrations
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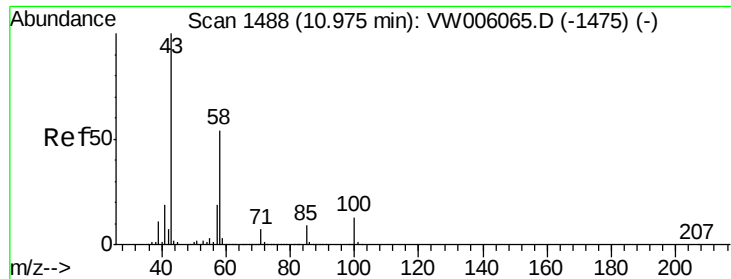
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#58
 2-Chloroethyl Vinyl ether
 Concen: 223.841 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.8	24.5	36.7





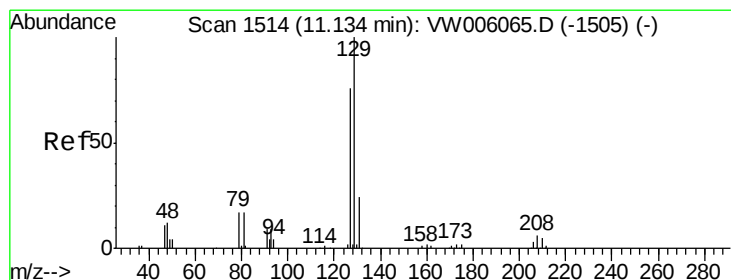
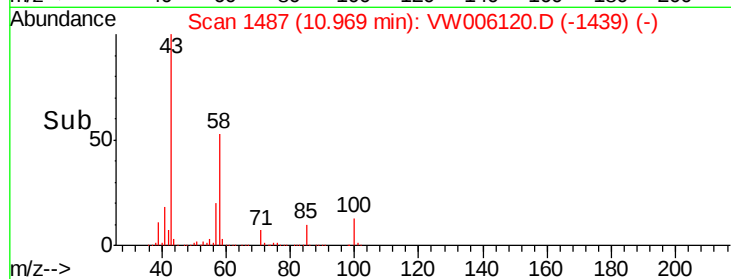
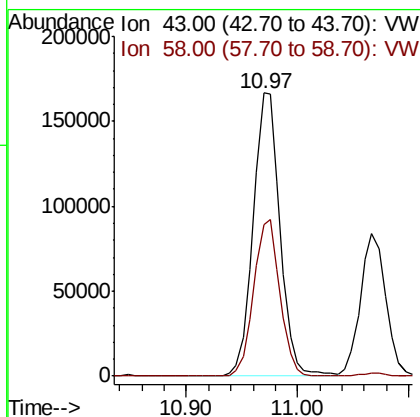
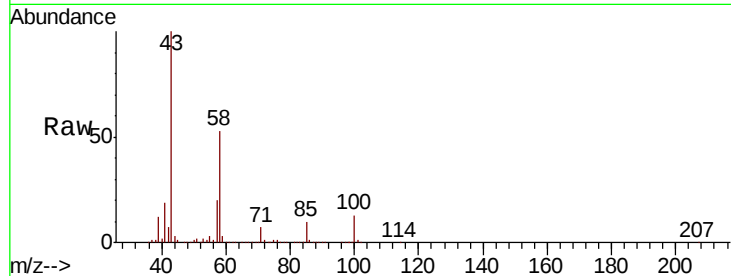
#59
2-Hexanone
Concen: 241.283 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	280452
Ion Ratio	100	Lower	Upper
43	100		
58	54.0	26.9	80.6

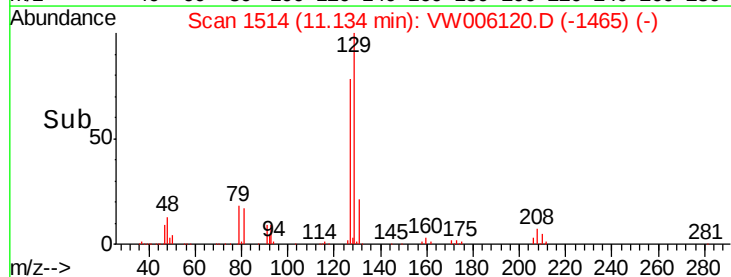
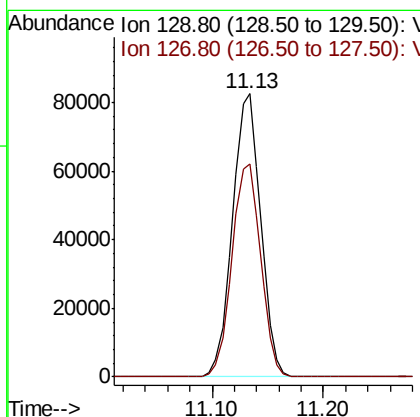
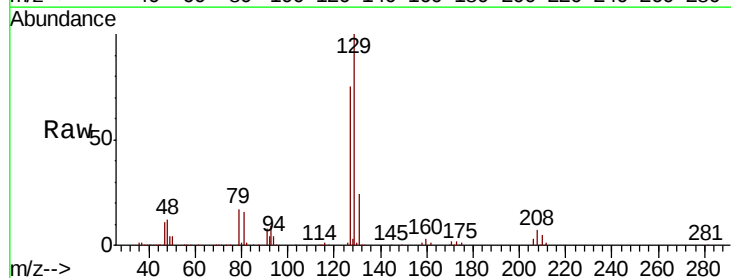
Manual Integrations
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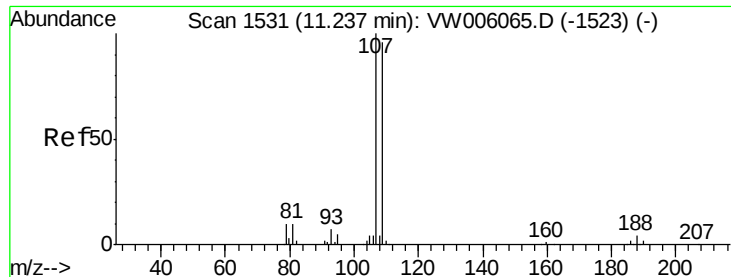
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#60
Dibromochloromethane
Concen: 51.821 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	129	Resp	144566
Ion Ratio	100	Lower	Upper
129	100		
127	76.6	38.6	115.7





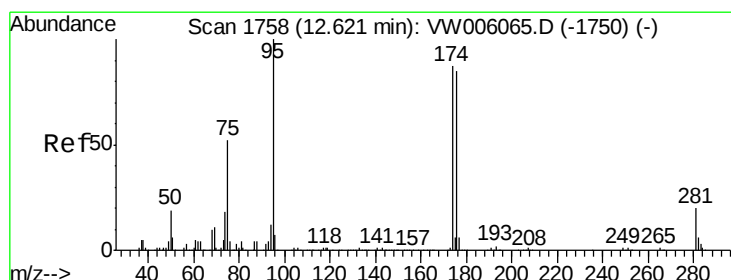
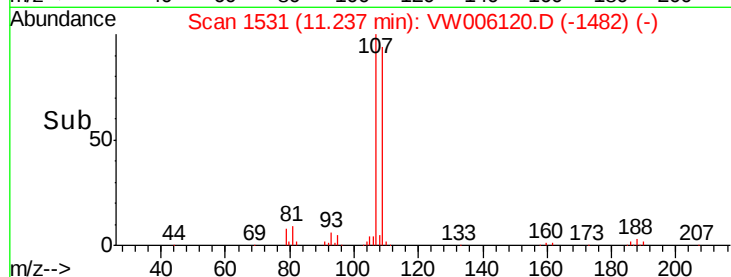
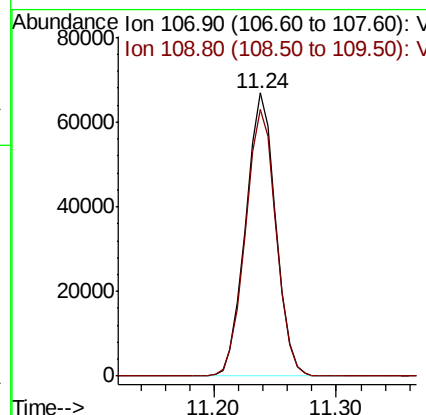
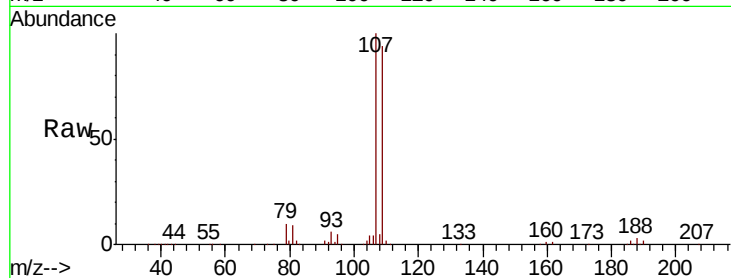
#61
 1,2-Dibromoethane
 Concen: 50.912 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	76.3	114.5

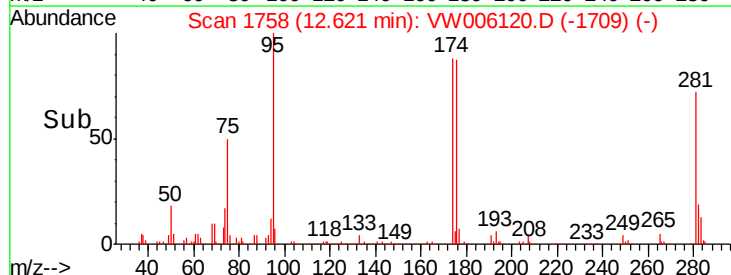
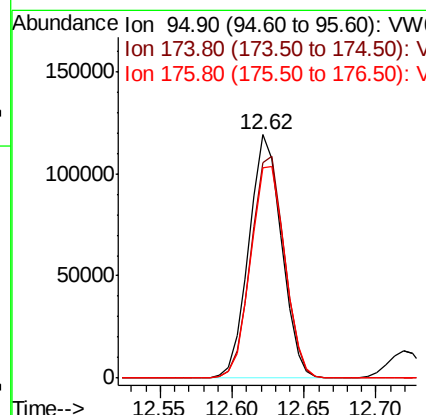
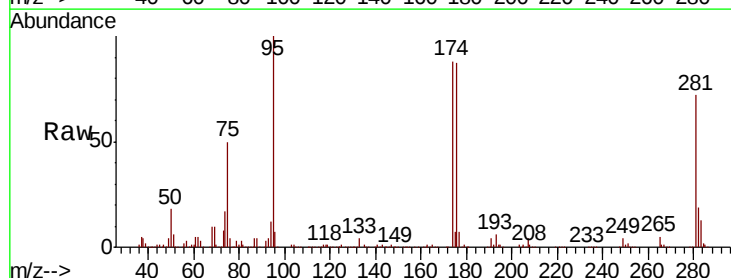
Manual Integrations
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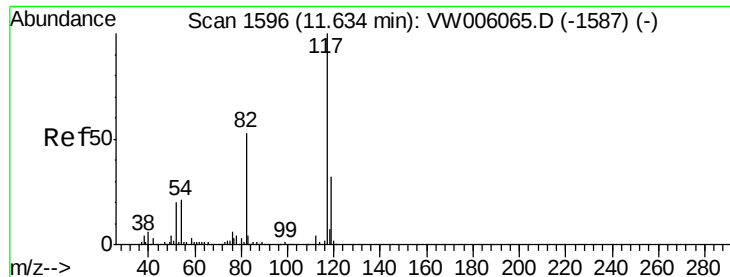
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.600 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	186.0
176	91.7	0.0	181.6





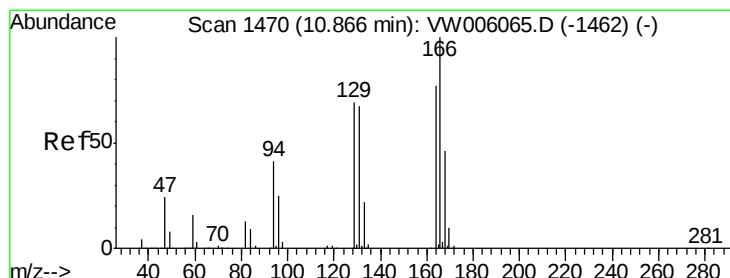
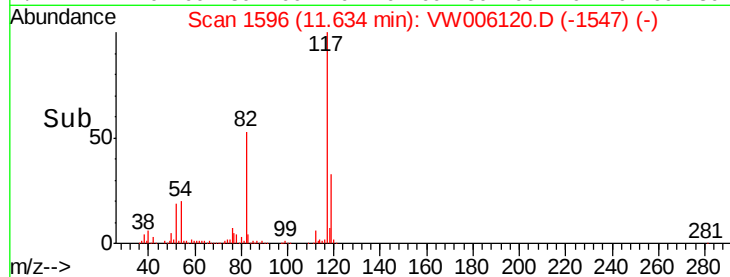
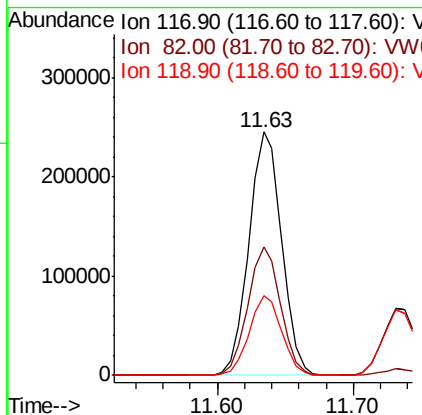
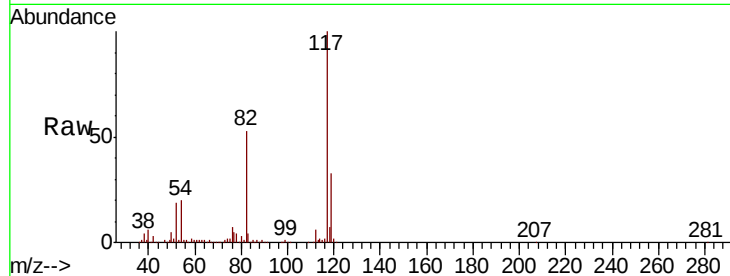
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.5	25.8	38.6

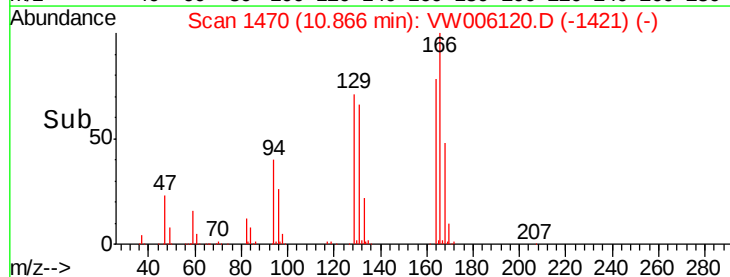
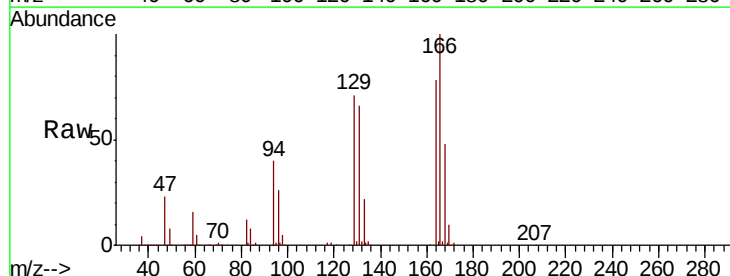
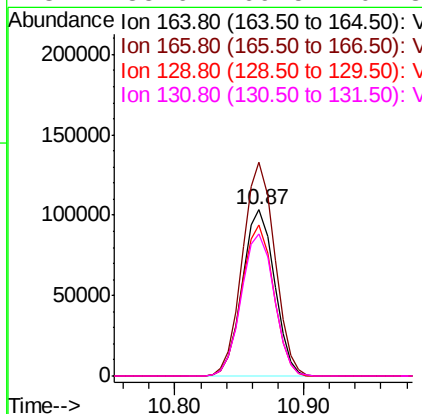
Manual Integrations
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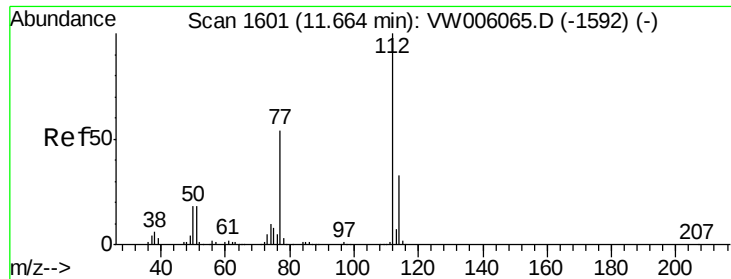
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#64
Tetrachloroethene
Concen: 55.453 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.4	155.0
129	90.8	71.8	107.8
131	85.6	69.5	104.3





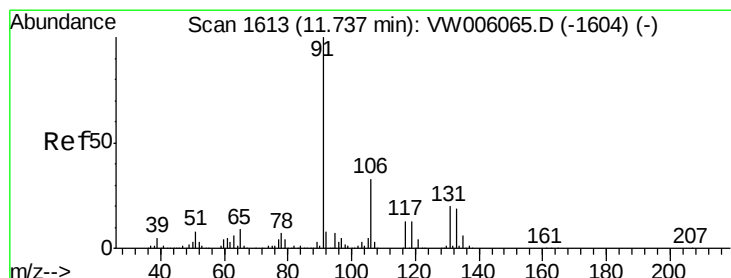
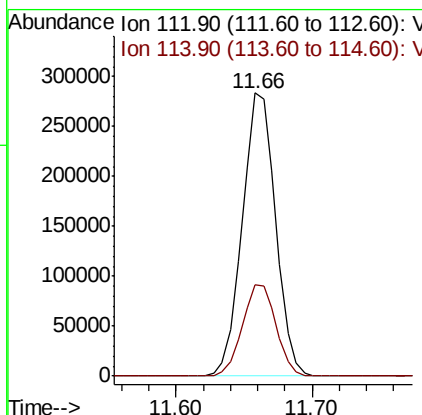
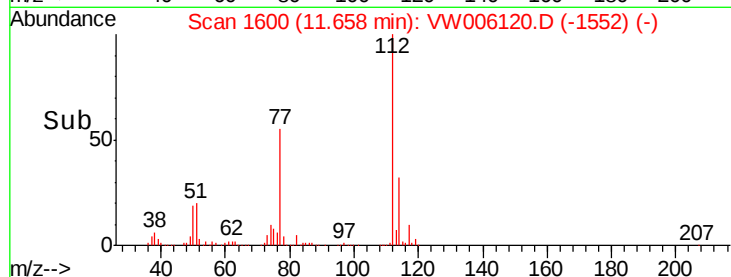
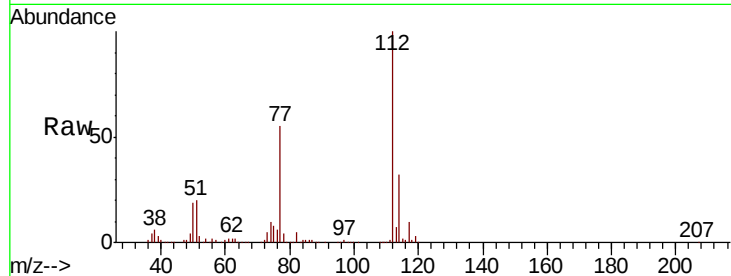
#65
Chlorobenzene
Concen: 54.701 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.2	39.2

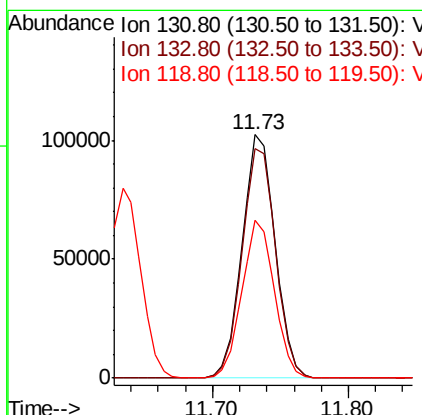
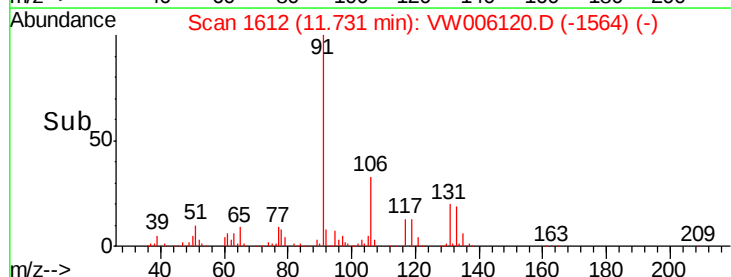
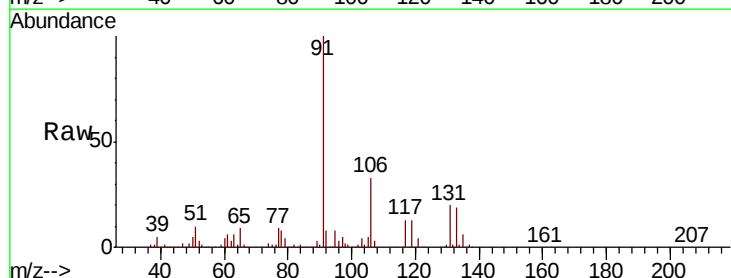
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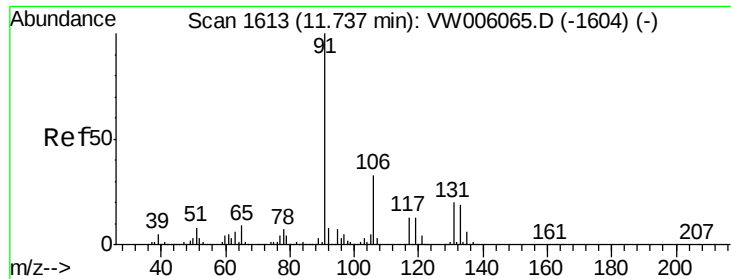
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.101 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.1	144.3
119	63.7	31.6	94.7





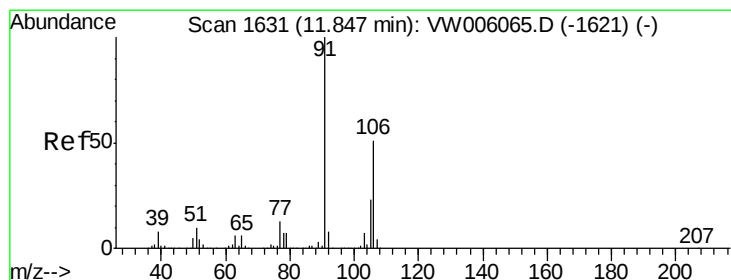
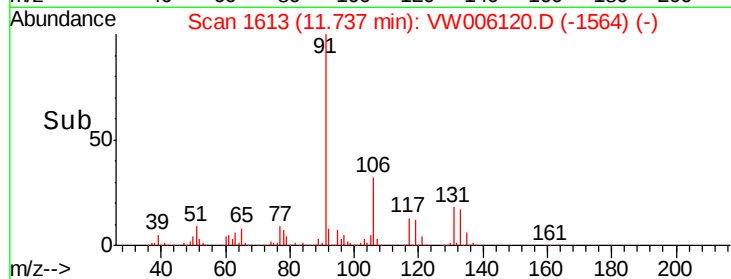
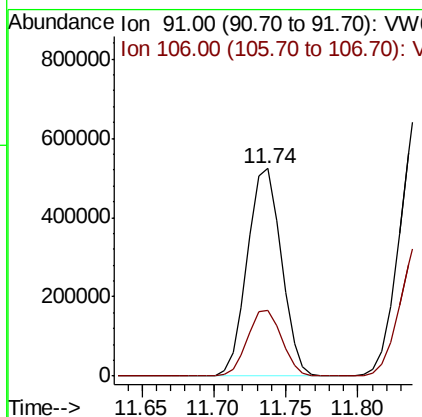
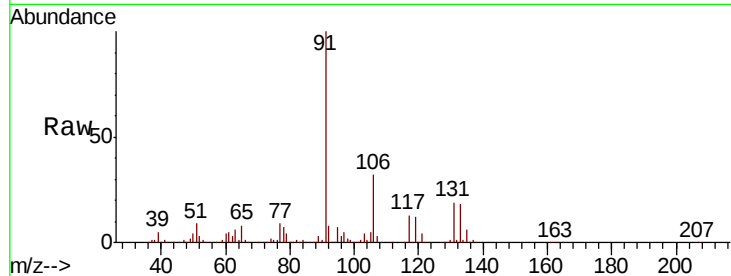
#67
Ethyl Benzene
Concen: 56.017 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 860943
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1

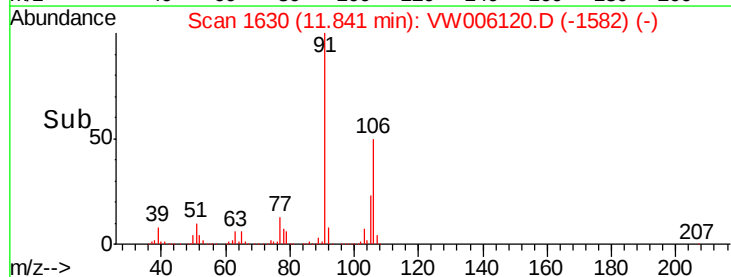
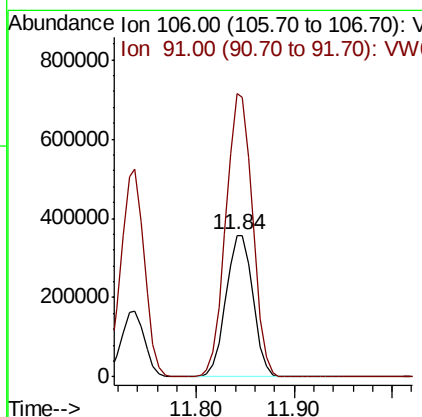
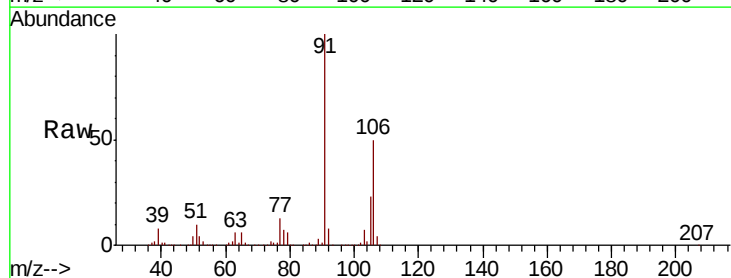
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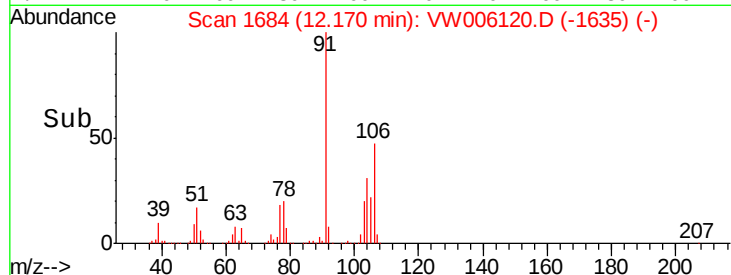
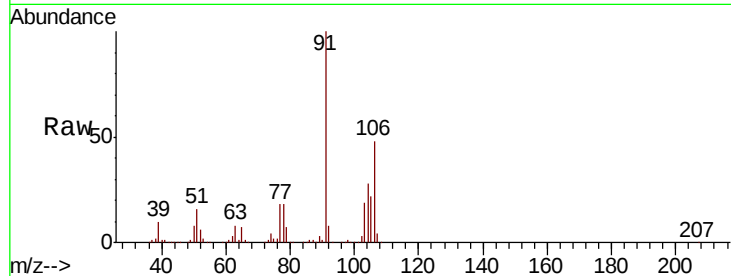
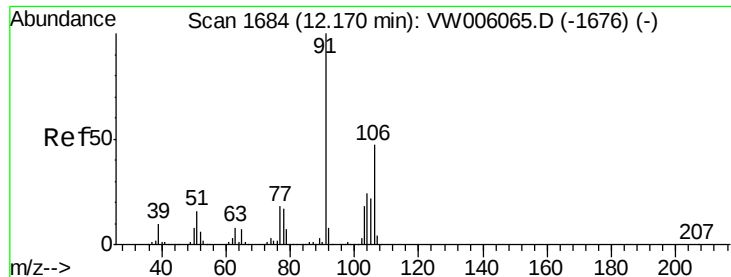
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#68
m/p-Xylenes
Concen: 112.317 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion: 106 Resp: 682293
Ion Ratio Lower Upper
106 100
91 198.1 159.1 238.7





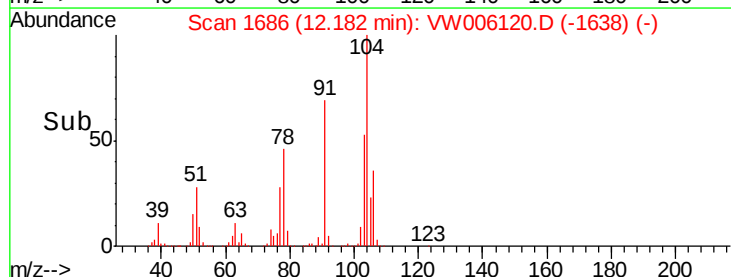
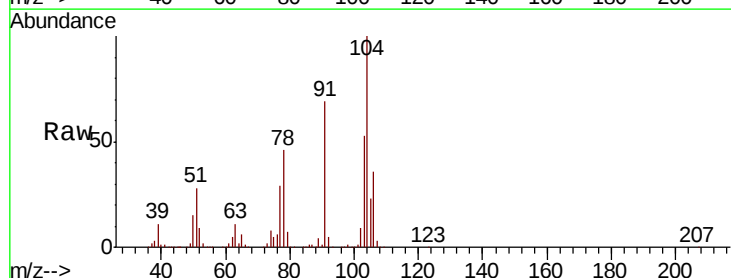
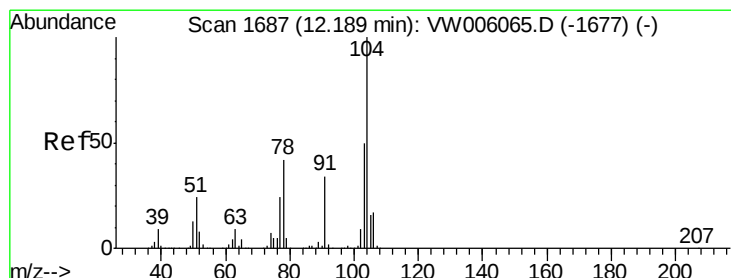
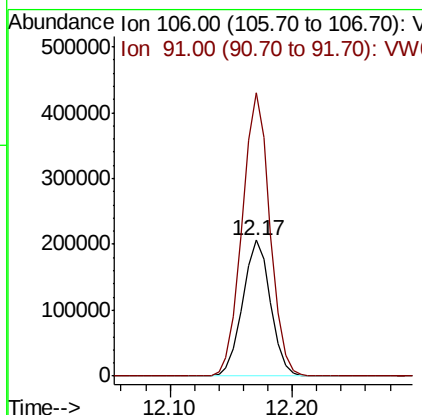
#69
o-Xylene
Concen: 56.260 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tot Ion	Ratio	Resp	Lower	Upper
106	100	325711		
91	207.1	105.4	316.1	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

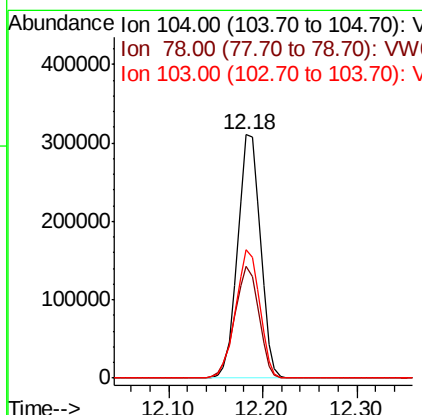
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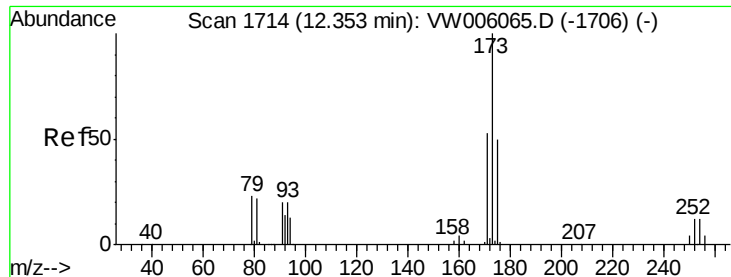
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#70
Styrene
Concen: 55.543 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	522904		
78	48.9	39.1	58.7	
103	55.6	44.3	66.5	





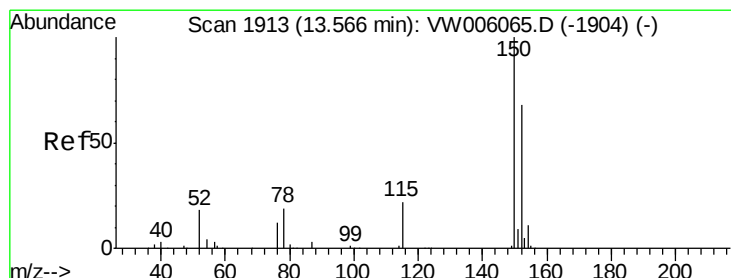
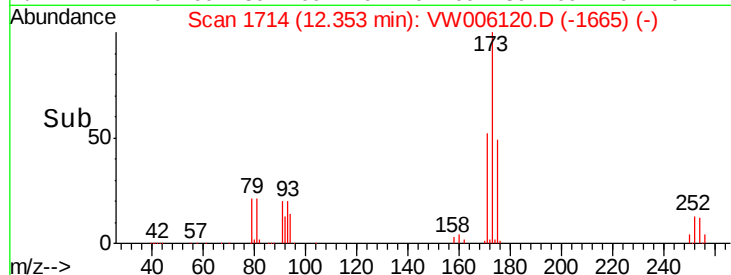
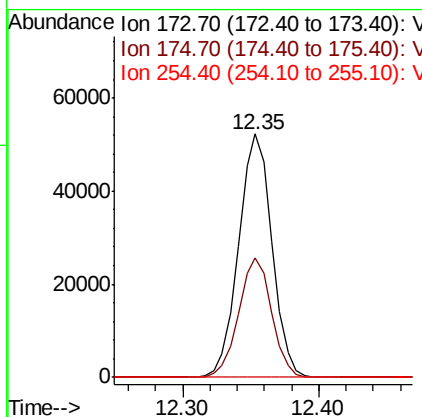
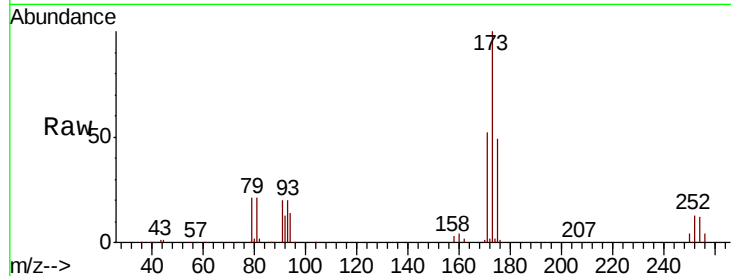
#71
Bromoform
Concen: 50.655 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.2	0.1	0.1#

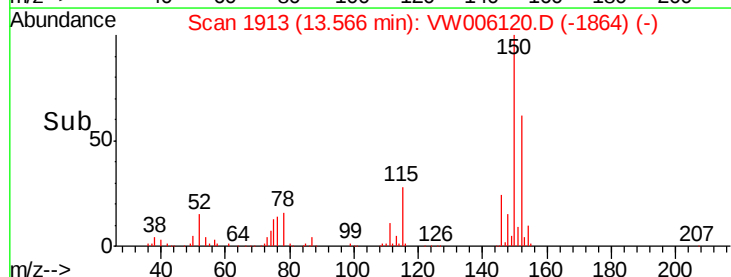
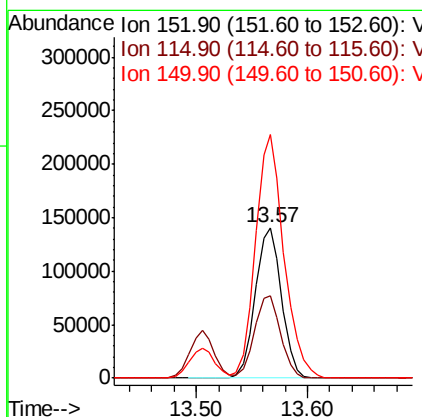
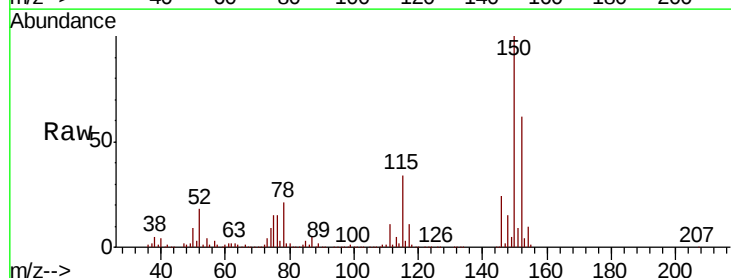
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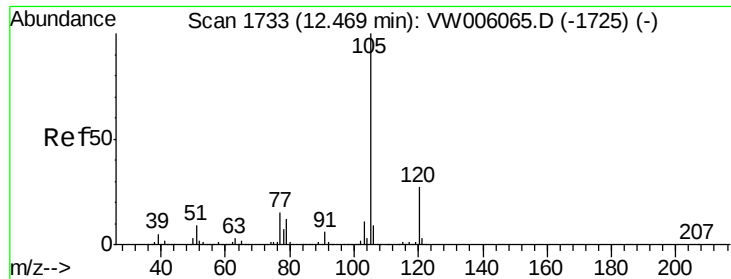
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.3
150	175.8	0.0	349.2





#73

Isopropylbenzene

Concen: 57.148 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 925786

Ion Ratio Lower Upper

105 100

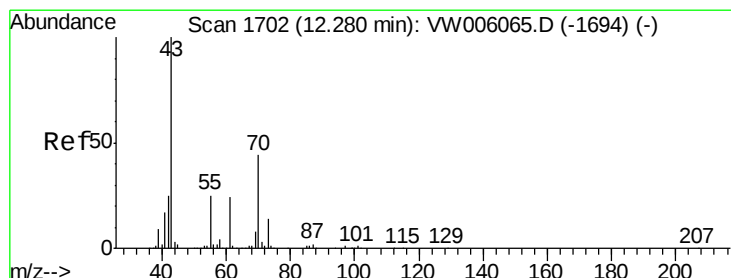
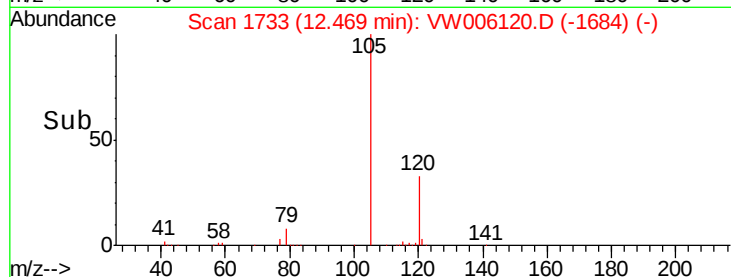
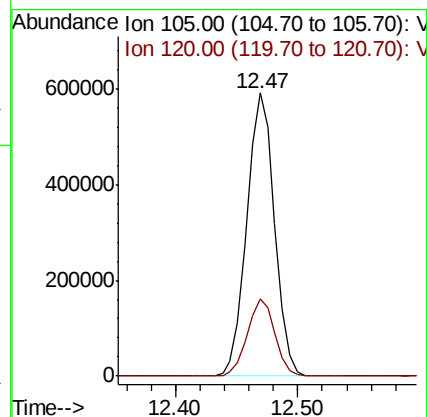
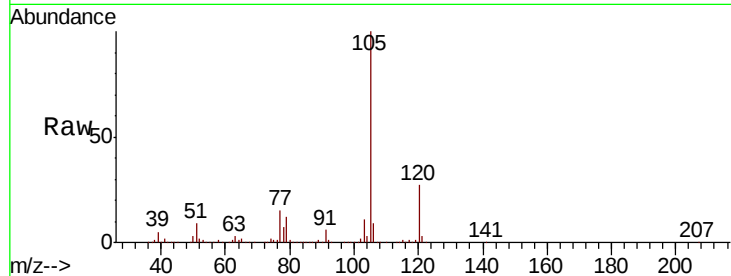
120 27.2 13.6 40.7

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#74

N-ethyl acetate

Concen: 49.937 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion: 43 Resp: 157124

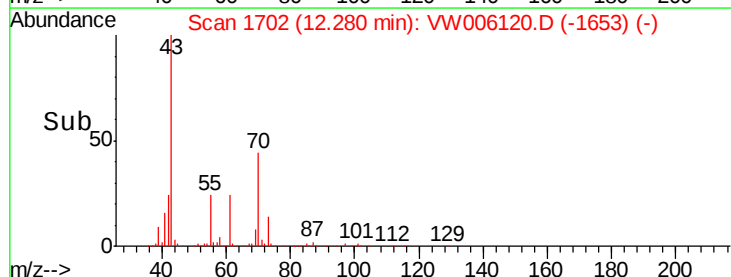
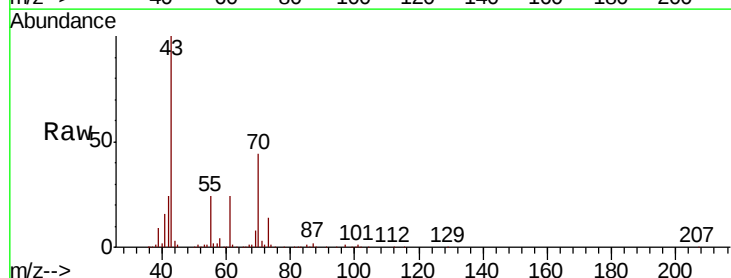
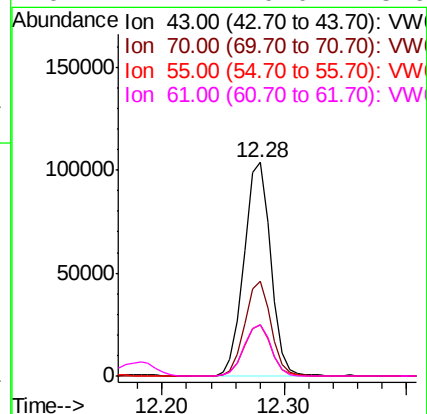
Ion Ratio Lower Upper

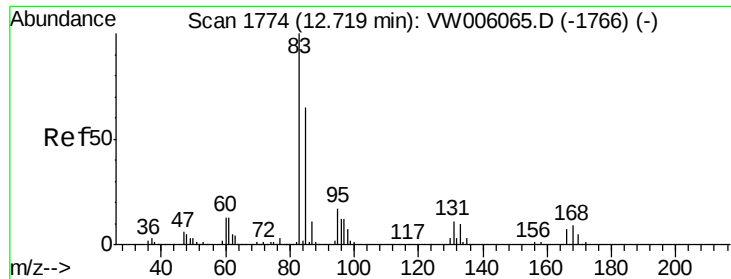
43 100

70 43.6 34.2 51.4

55 24.3 19.2 28.8

61 24.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.986 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

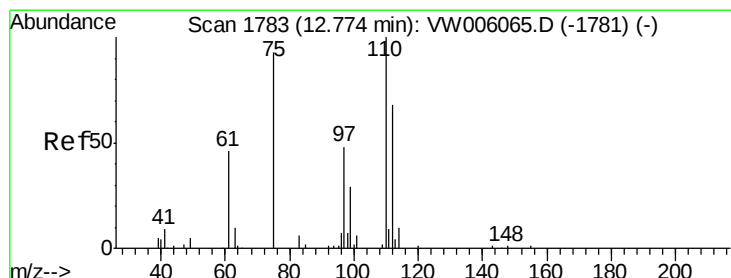
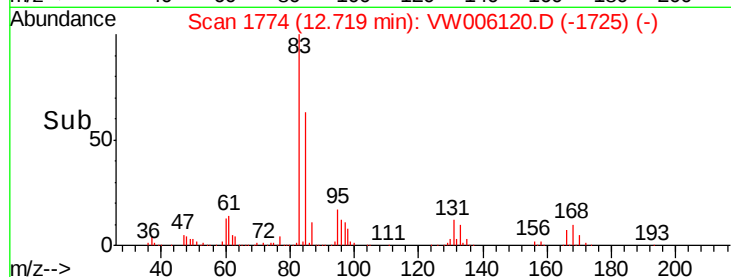
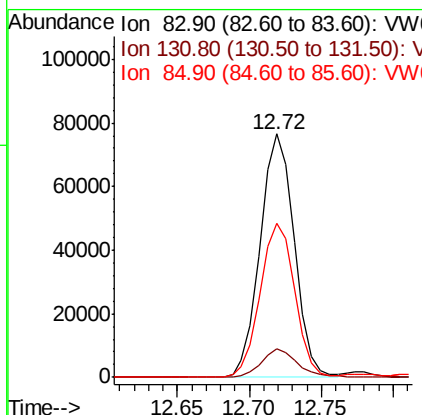
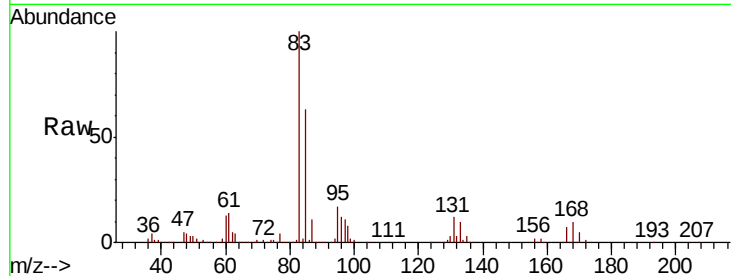
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	125627
Ion Ratio	Lower	Upper	
83	100		
131	12.4	5.9	17.7
85	63.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 48.912 ug/l m

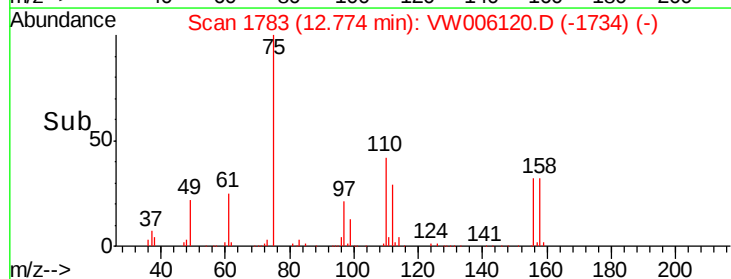
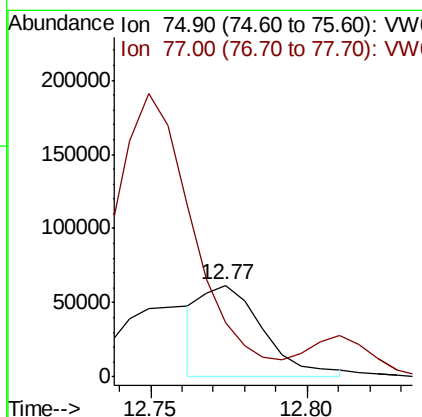
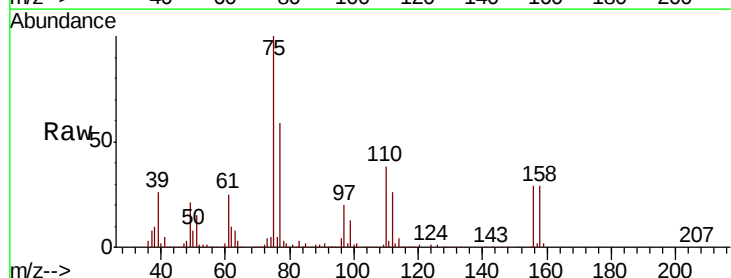
RT: 12.77 min Scan# 1783

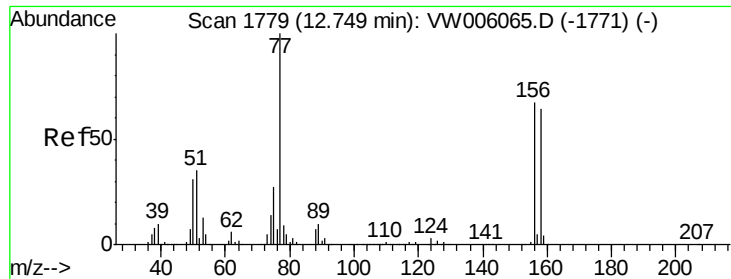
Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion:	75	Resp:	85667
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





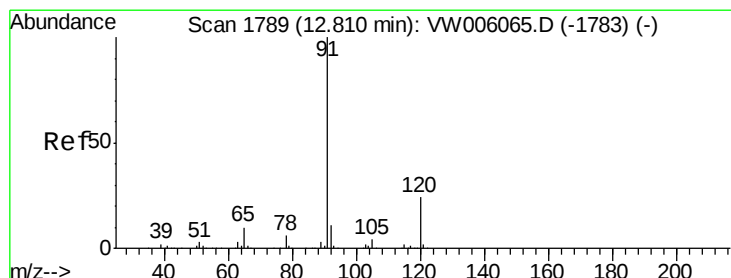
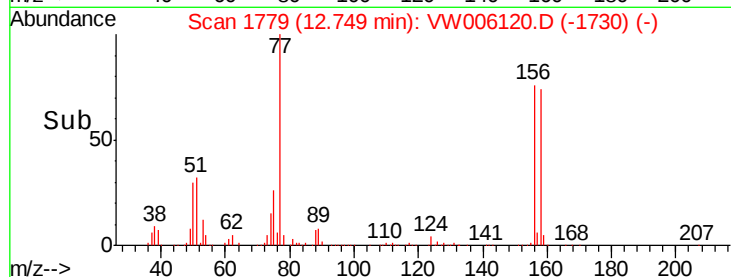
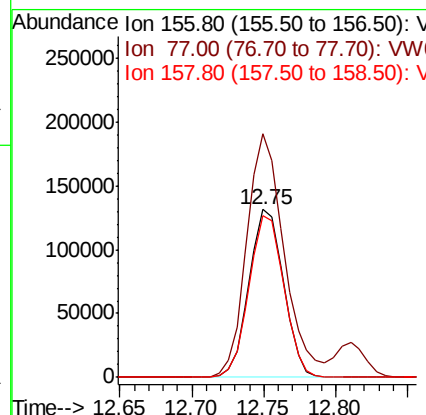
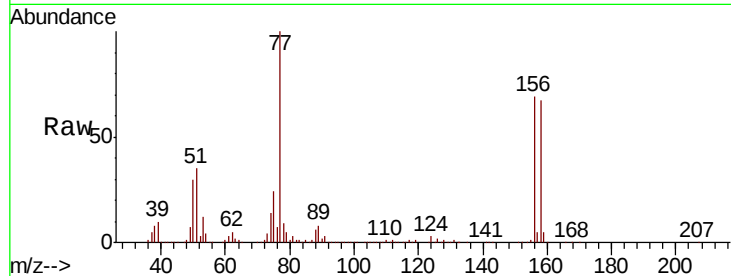
#77
Bromobenzene
Concen: 54.922 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	157.2	79.1	237.4	
158	97.6	48.5	145.6	

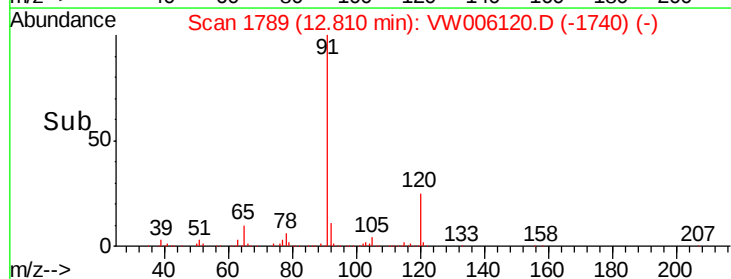
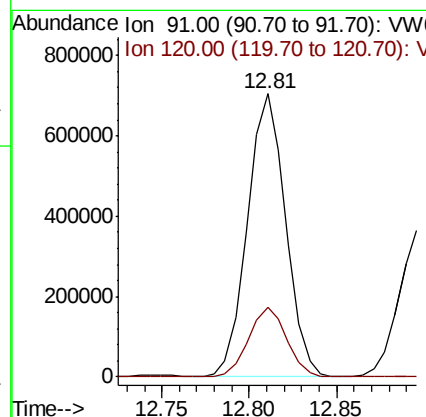
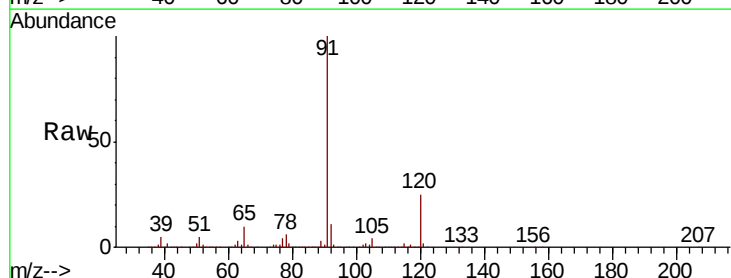
Manual Integrations
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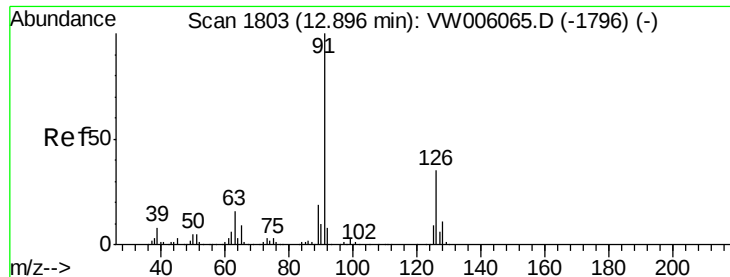
apatel
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#78
n-propylbenzene
Concen: 56.931 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.5	12.2	36.6	





#79

2-Chlorotoluene

Concen: 56.039 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 593426

Ion Ratio Lower Upper

91 100

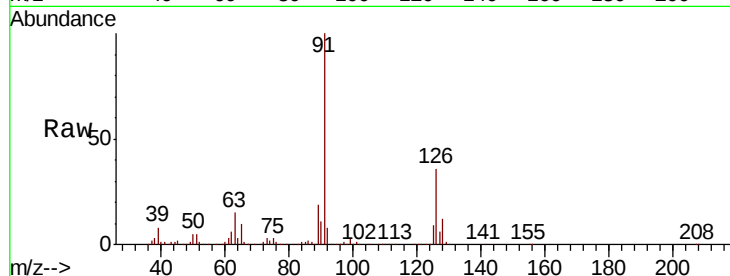
126 36.4 17.9 53.8

Manual Integrations

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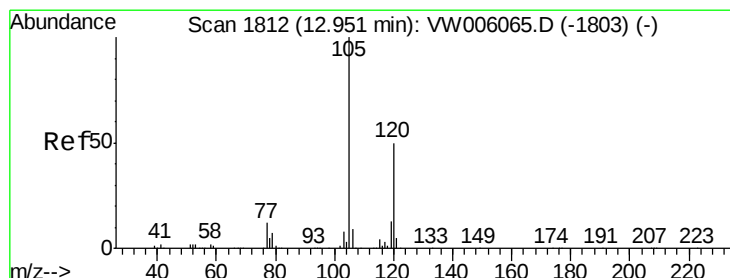
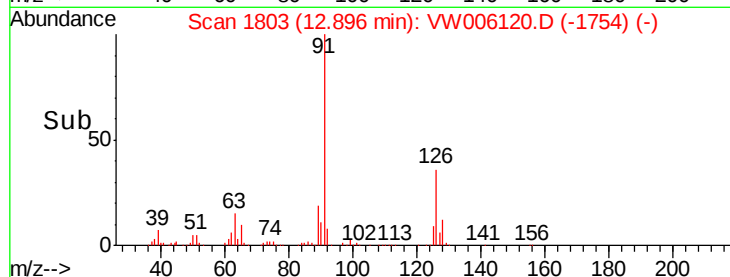
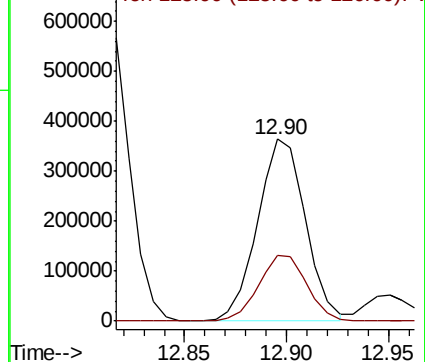
apatel

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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: 56.602 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006120.D

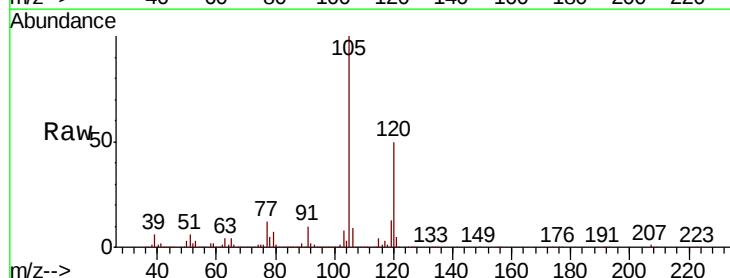
Acq: 17 Oct 2018 12:12

Tgt Ion: 105 Resp: 773006

Ion Ratio Lower Upper

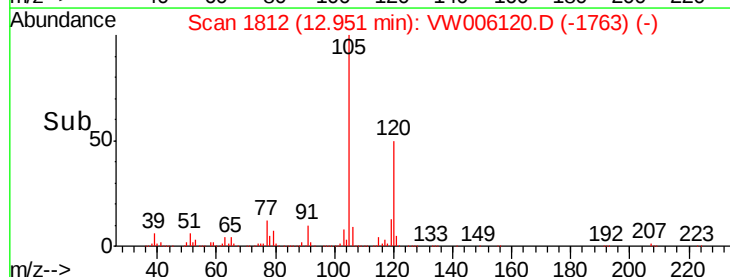
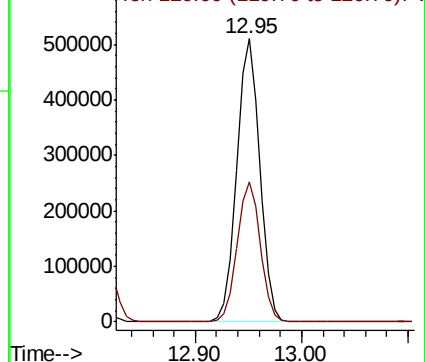
105 100

120 49.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





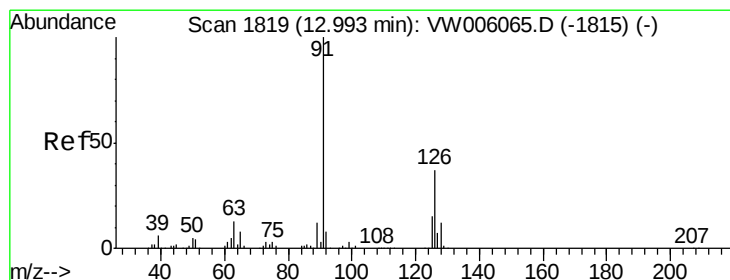
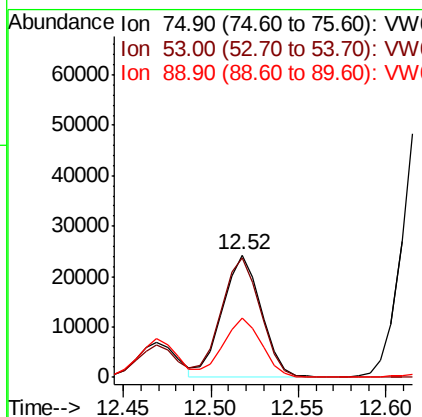
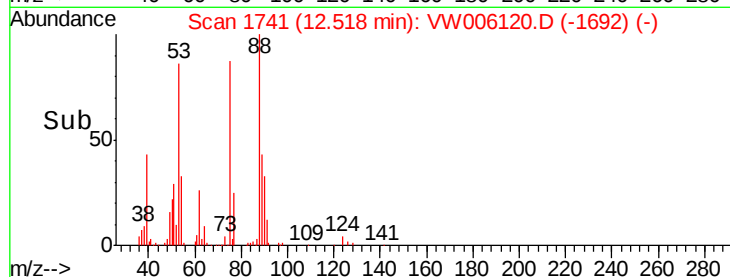
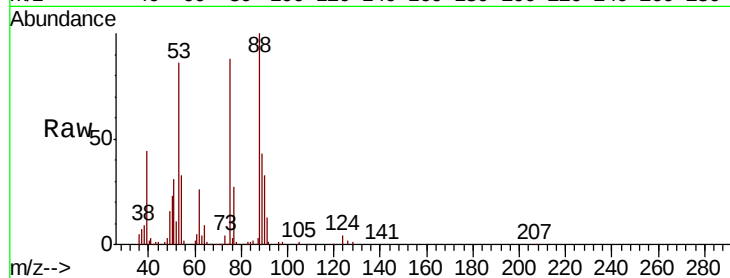
#81
trans-1,4-Dichloro-2-butene
Concen: 50.772 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	79.8	119.6
89	47.9	37.5	56.3

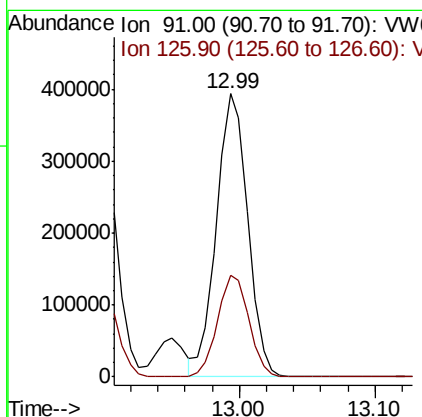
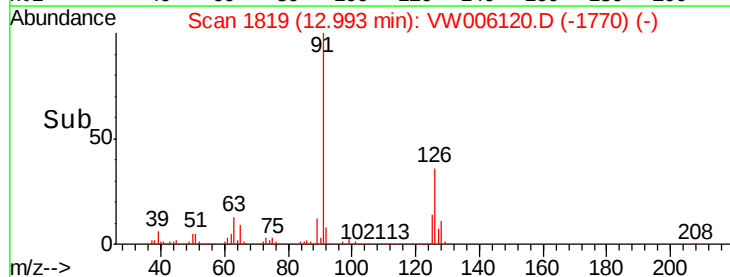
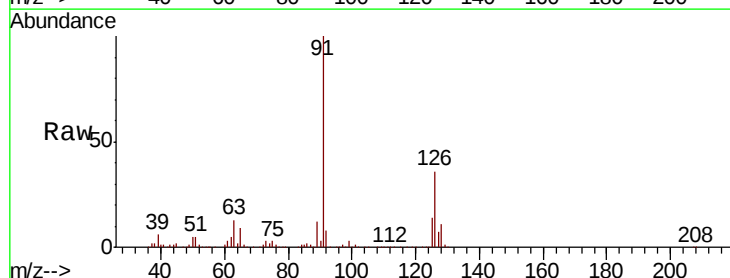
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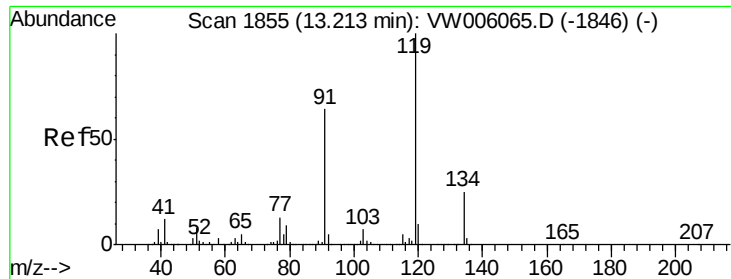
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#82
4-Chlorotoluene
Concen: 56.452 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.2	18.1	54.3





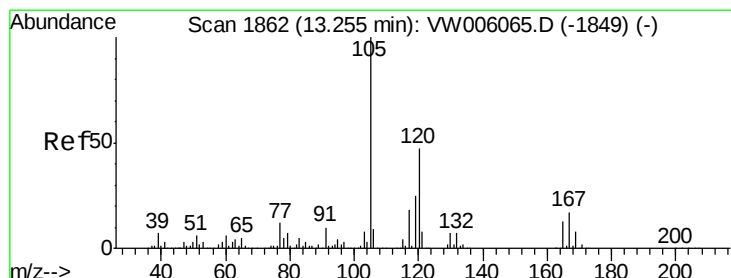
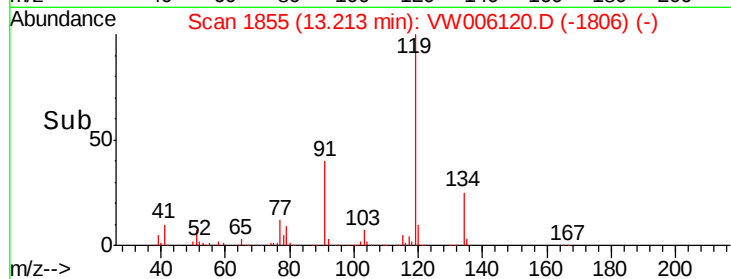
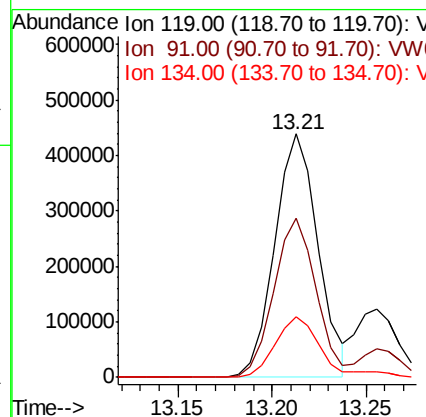
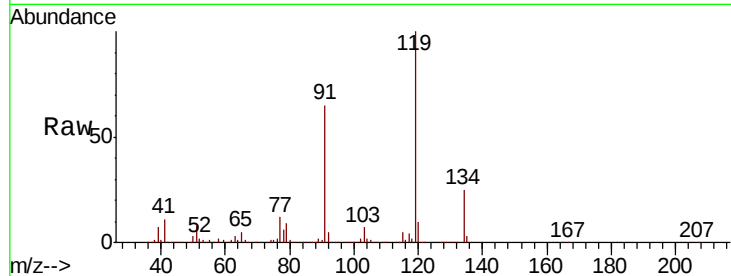
#83
tert-Butylbenzene
Concen: 57.145 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	698243		
91	63.7	32.3	96.9	
134	26.8	13.6	40.8	

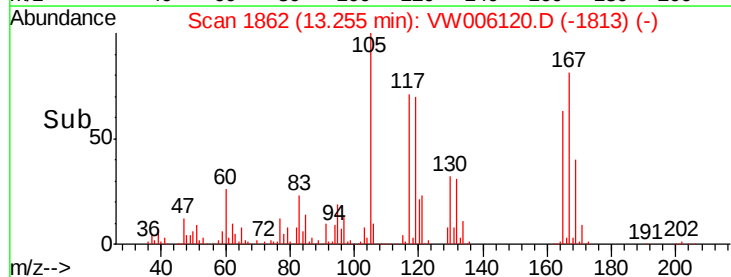
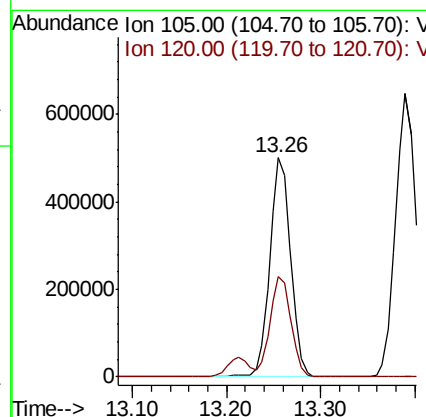
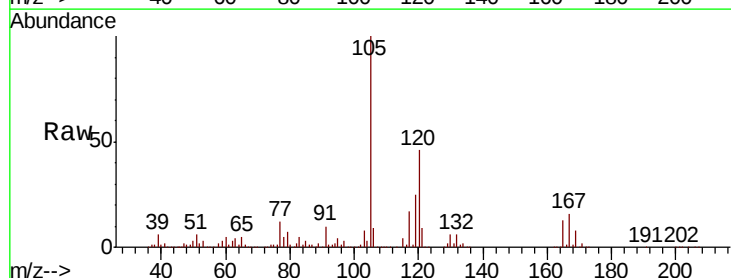
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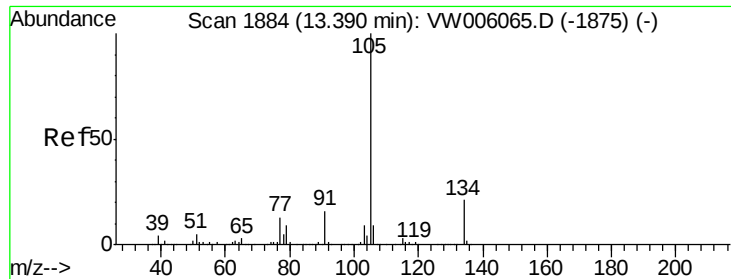
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#84
1,2,4-Trimethylbenzene
Concen: 56.318 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	778287		
120	45.9	23.1	69.3	





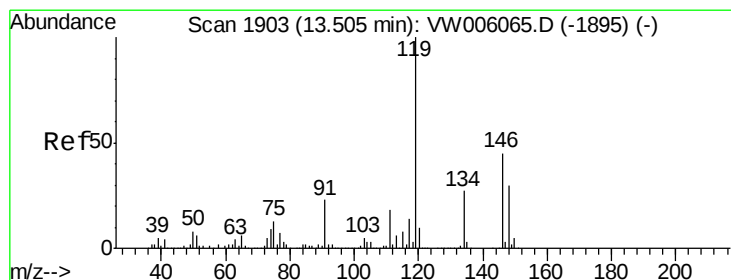
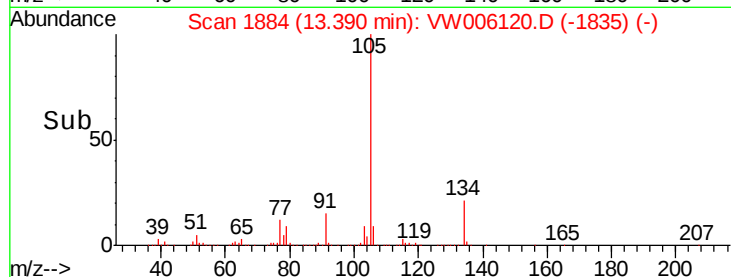
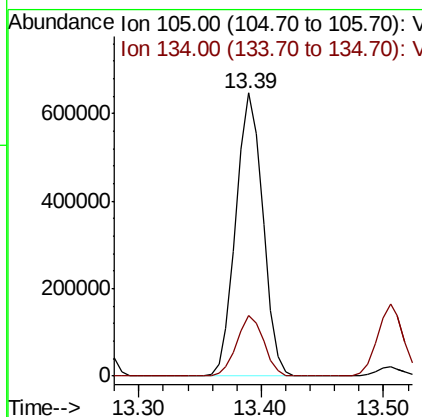
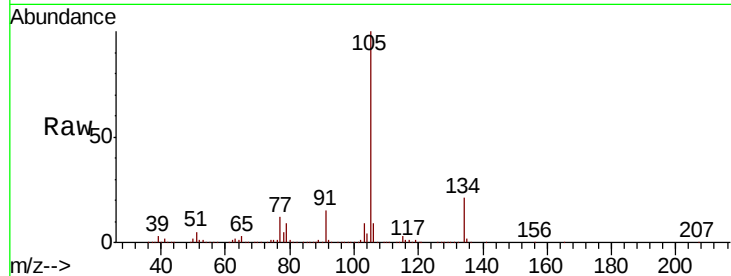
#85
 sec-Butylbenzene
 Concen: 57.229 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

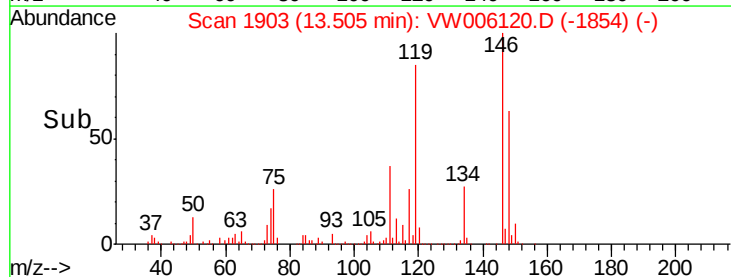
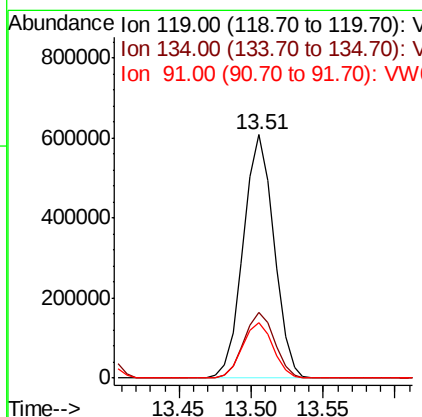
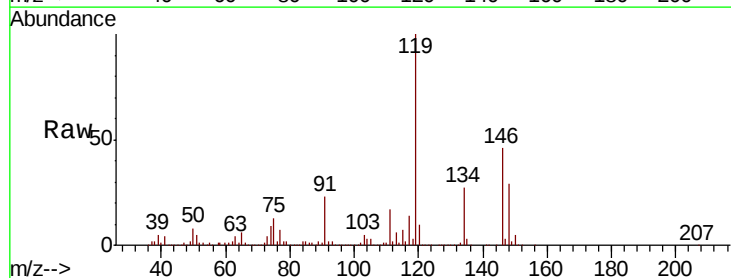
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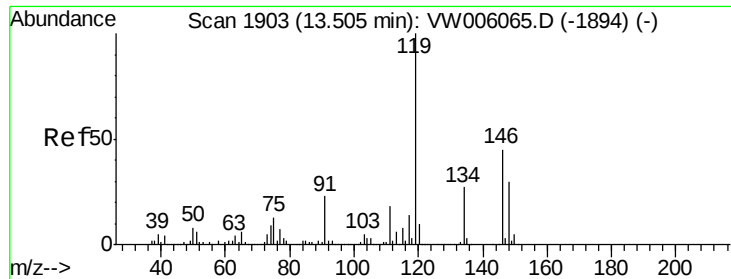
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#86
 p-Isopropyltoluene
 Concen: 57.538 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	22.9	11.4	34.1





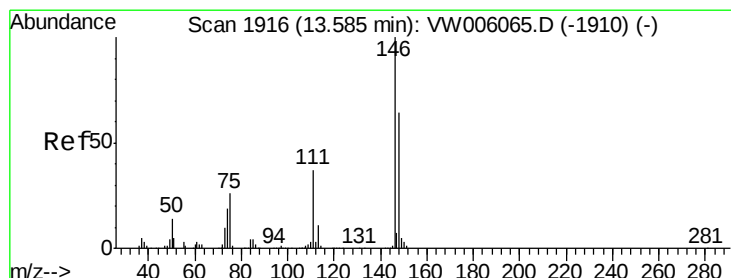
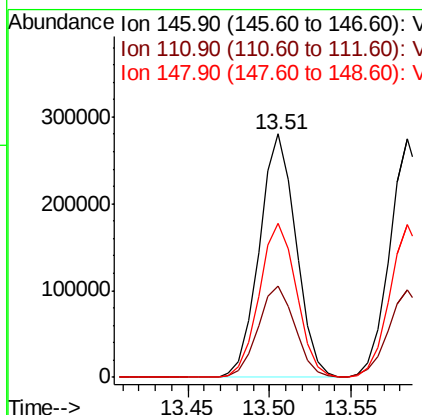
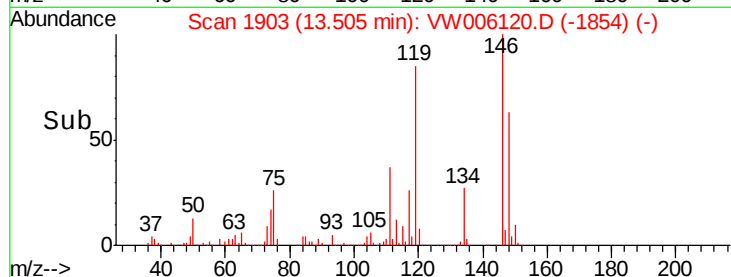
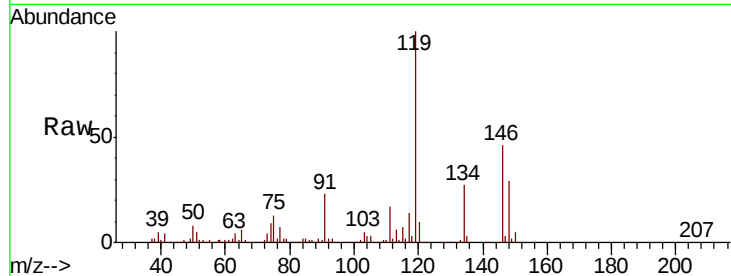
#87
 1,3-Dichlorobenzene
 Concen: 55.388 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	64.5	32.0	96.2

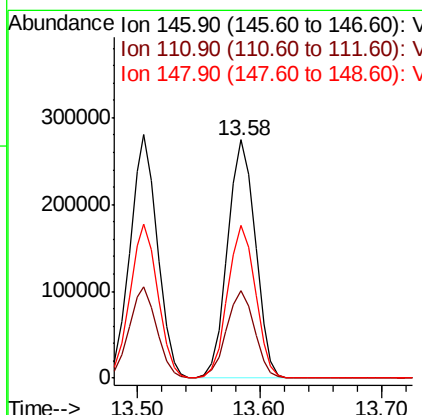
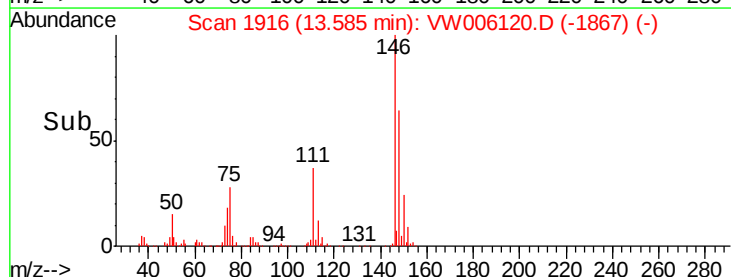
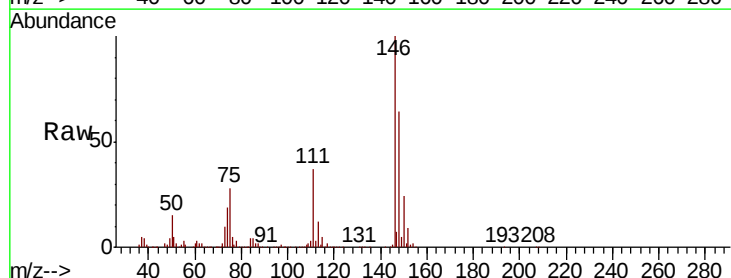
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#88
 1,4-Dichlorobenzene
 Concen: 54.908 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	56.0
148	63.9	32.1	96.5





#89

n-Butylbenzene

Concen: 57.376 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

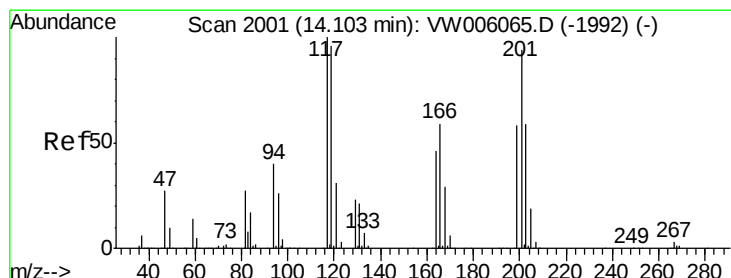
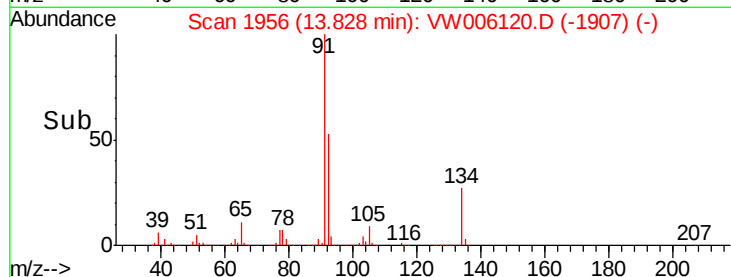
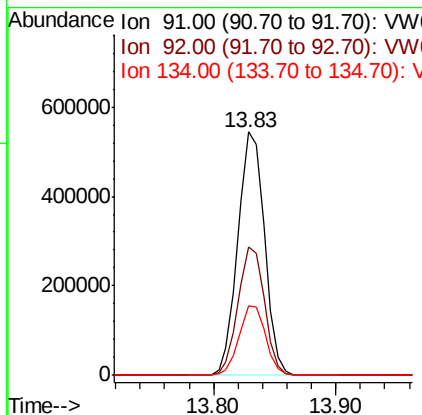
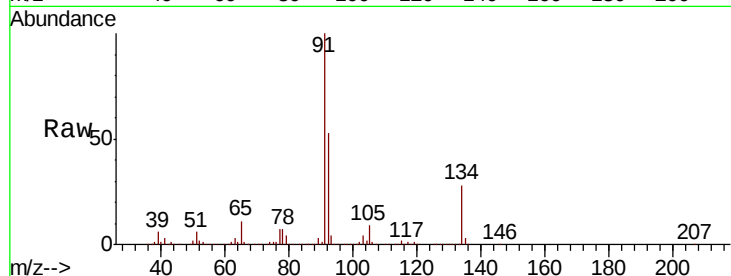
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	819281
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	28.6	14.0	41.9

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#90

Hexachloroethane

Concen: 55.572 ug/l

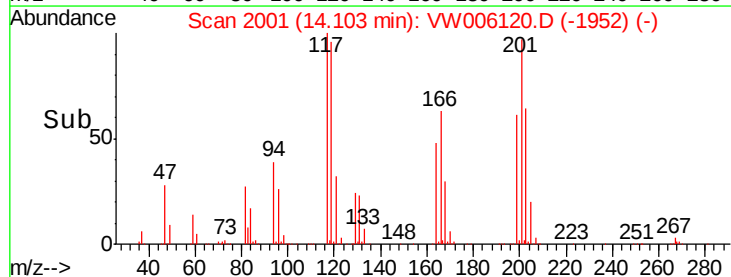
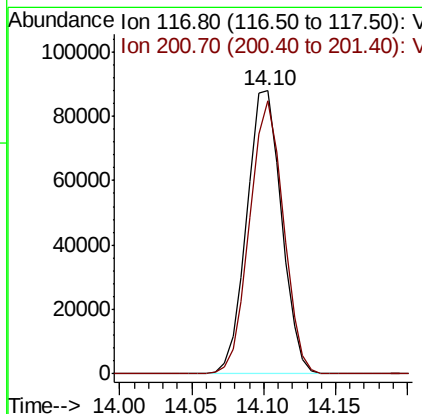
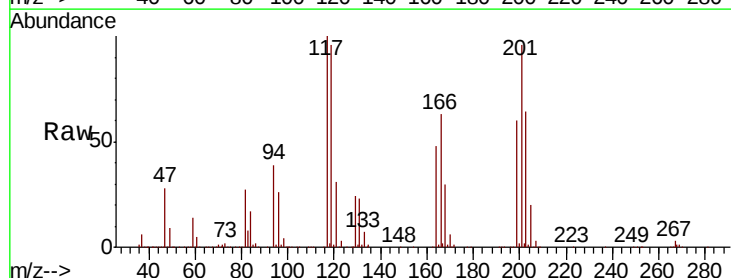
RT: 14.10 min Scan# 2001

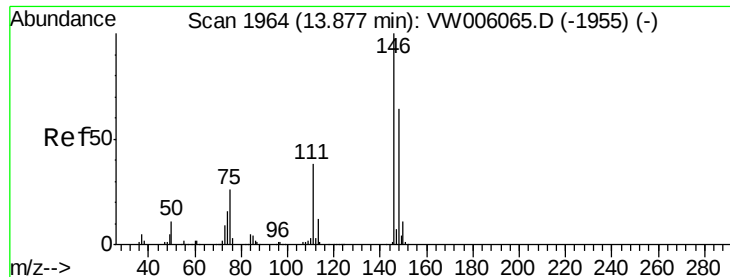
Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Tgt Ion:	117	Resp:	146969
Ion	Ratio	Lower	Upper
117	100		
201	93.3	45.3	135.9





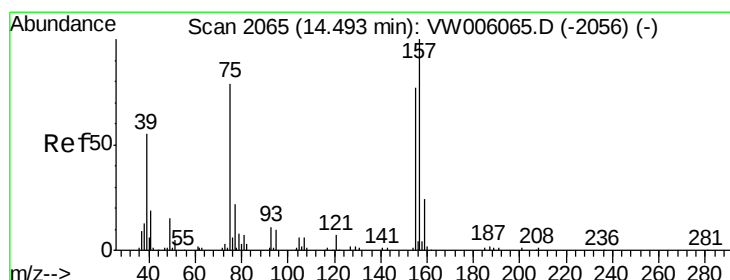
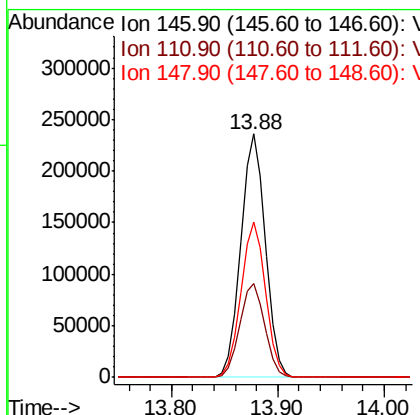
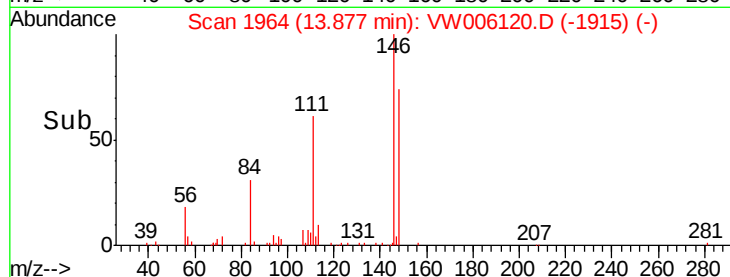
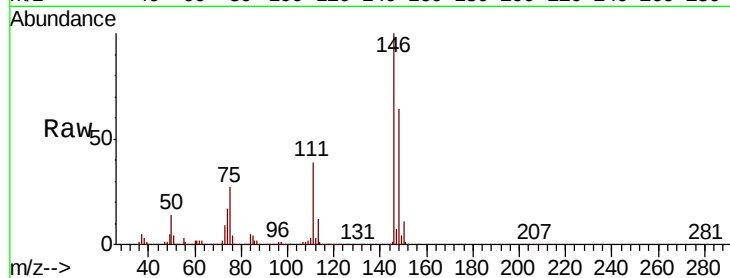
#91
 1,2-Dichlorobenzene
 Concen: 54.279 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.7	32.2	96.6

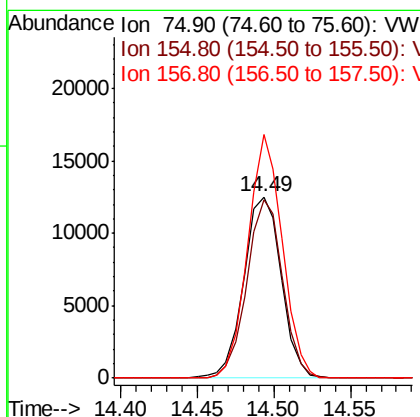
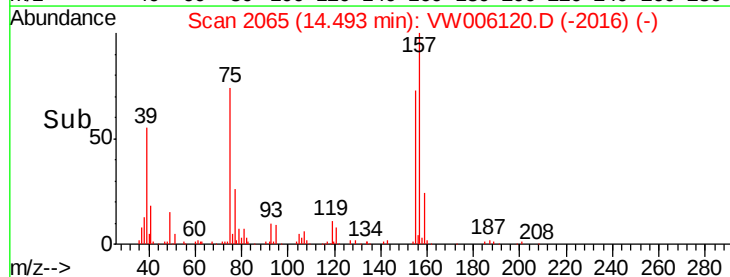
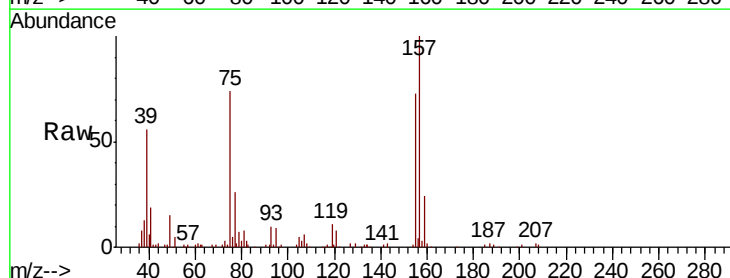
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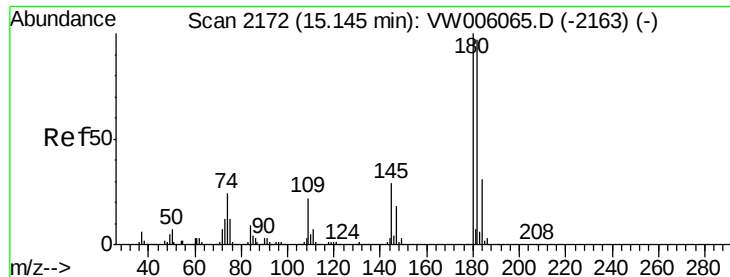
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.347 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006120.D
 Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	46.5	139.5
157	123.6	59.8	179.4





#93

1,2,4-Trichlorobenzene

Concen: 53.827 ug/l

RT: 15.15 min Scan# 2172

Delta R.T. 0.00 min

Lab File: VW006120.D

Acq: 17 Oct 2018 12:12

Instrument :

MSVOA_W

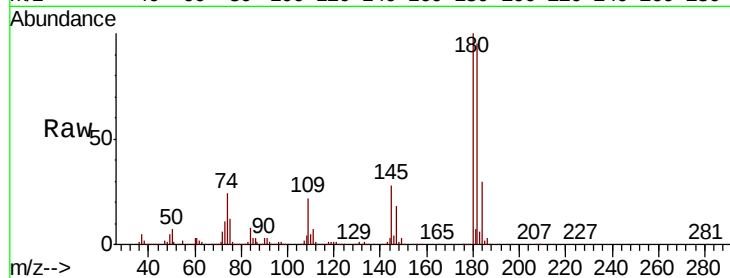
ClientSampleId :

VSTDCCC050

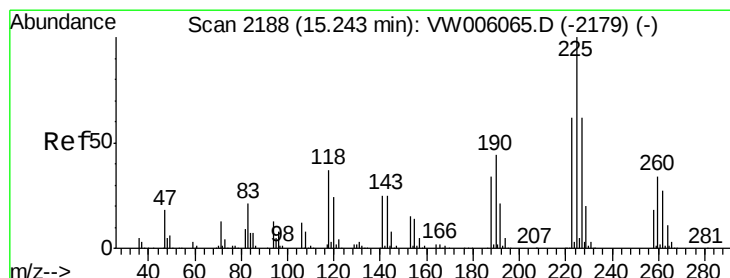
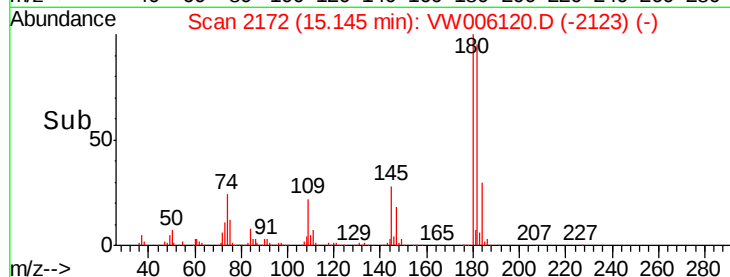
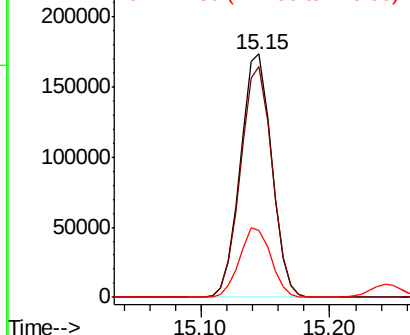
Tot Ion:	180	Resp:	291736
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.6
145	28.8	14.2	42.8

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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: 56.976 ug/l

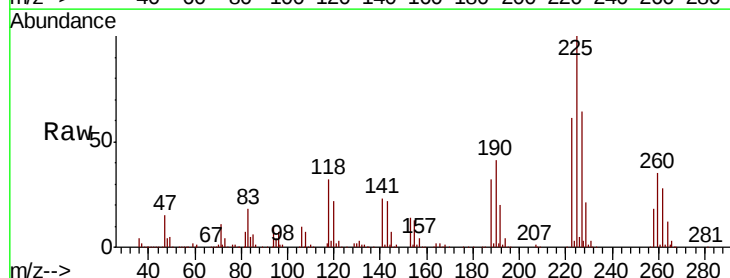
RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

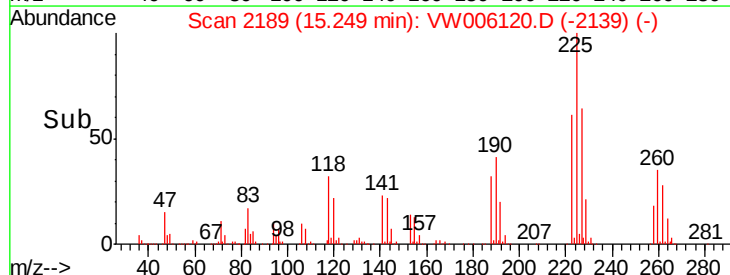
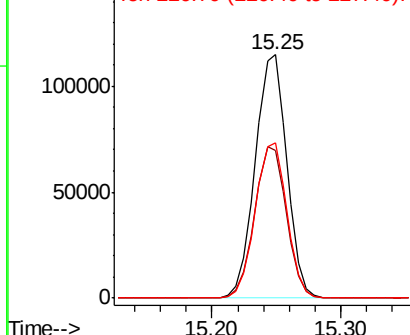
Lab File: VW006120.D

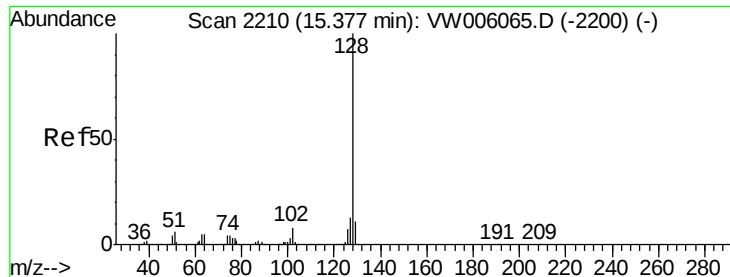
Acq: 17 Oct 2018 12:12

Tgt Ion:	225	Resp:	193985
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.1	93.5
227	64.0	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





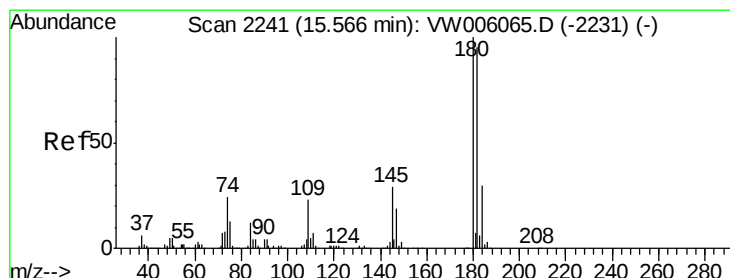
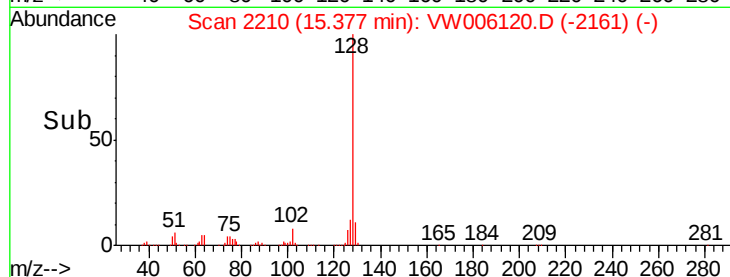
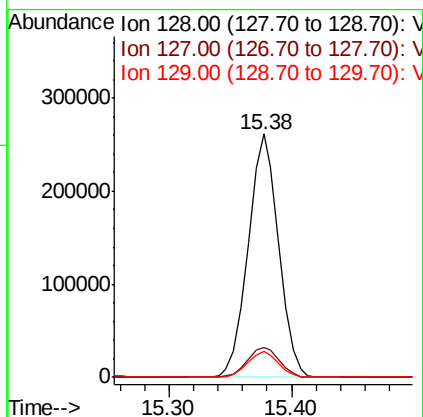
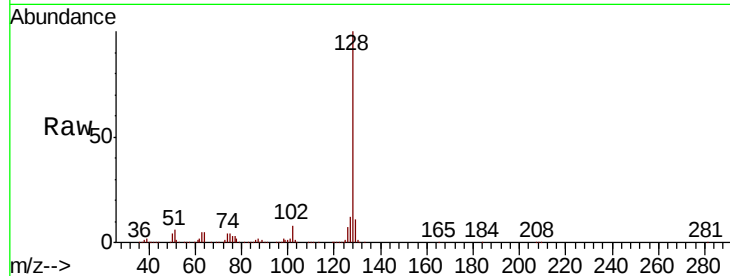
#95
Naphthalene
Concen: 50.083 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	451550		
127	13.0		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
APPROVED

apatel
10/18/2018 11:04:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.114 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006120.D
Acq: 17 Oct 2018 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244304		
182	96.1		47.8	143.3
145	30.6		15.0	45.1

