

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110118\
 Data File : VW006519.D
 Acq On : 31 Oct 2018 11:51
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 11/1/2018 1:37:12 PM

Quant Time: Nov 06 06:40:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174028	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	72654	36.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.64%	
35) Dibromofluoromethane	7.88	113	81510	41.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.56%	
50) Toluene-d8	10.32	98	303346	40.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.74%	
62) 4-Bromofluorobenzene	12.62	95	115638	41.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66973	56.085	ug/l	95
3) Chloromethane	2.22	50	83909	54.588	ug/l	100
4) Vinyl Chloride	2.37	62	123924	56.453	ug/l	99
5) Bromomethane	2.79	94	100223	50.197	ug/l	100
6) Chloroethane	2.93	64	87186	55.422	ug/l	98
7) Trichlorofluoromethane	3.26	101	118482	57.938	ug/l	99
8) Diethyl Ether	3.68	74	51824	47.684	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	121573	56.728	ug/l	99
10) Methyl Iodide	4.26	142	196338	55.043	ug/l	99
11) Tert butyl alcohol	5.24	59	27664m	205.605	ug/l	
12) 1,1-Dichloroethene	4.03	96	113036	56.063	ug/l	93
13) Acrolein	3.90	56	31633	242.968	ug/l	96
14) Allyl chloride	4.66	41	149751	51.945	ug/l	96
15) Acrylonitrile	5.38	53	95525	245.052	ug/l	99
16) Acetone	4.15	43	107332	288.235	ug/l	94
17) Carbon Disulfide	4.37	76	315869	51.909	ug/l	98
18) Methyl Acetate	4.68	43	47802	47.480	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	149332	48.628	ug/l	96
20) Methylene Chloride	4.91	84	115995	54.957	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	127543	56.673	ug/l	95
22) Diisopropyl ether	6.31	45	296644	52.070	ug/l	97
23) Vinyl Acetate	6.26	43	813767	242.040	ug/l	97
24) 1,1-Dichloroethane	6.21	63	206036	56.048	ug/l	99
25) 2-Butanone	7.18	43	130018	240.569	ug/l	97
26) 2,2-Dichloropropane	7.17	77	140688	54.263	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	139567	56.197	ug/l	98
28) Bromochloromethane	7.51	49	75156	52.957	ug/l	92
29) Tetrahydrofuran	7.54	42	74102	223.059	ug/l	96
30) Chloroform	7.68	83	224183	55.974	ug/l	99
31) Cyclohexane	7.95	56	185355	50.632	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	199787	55.299	ug/l	99
36) 1,1-Dichloropropene	8.08	75	178677	58.713	ug/l	99
37) Ethyl Acetate	7.26	43	53368	47.200	ug/l	99
38) Carbon Tetrachloride	8.07	117	195661	58.649	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	233284	57.668	ug/l	99
40) Benzene	8.32	78	494073	59.186	ug/l	98
41) Methacrylonitrile	7.49	41	31350	45.994	ug/l	93
42) 1,2-Dichloroethane	8.40	62	132676	54.096	ug/l	98
43) Isopropyl Acetate	8.43	43	108043	46.735	ug/l	97
44) Trichloroethene	9.09	130	152460	59.529	ug/l	99
45) 1,2-Dichloropropane	9.37	63	115086	57.613	ug/l	99
46) Dibromomethane	9.46	93	63261	55.564	ug/l	98
47) Bromodichloromethane	9.65	83	158180	57.305	ug/l	98
48) Methyl methacrylate	9.44	41	52228	47.660	ug/l	92
49) 1,4-Dioxane	9.49	88	17683	1008.890	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	270420	233.460	ug/l	96
52) Toluene	10.39	92	328147	58.633	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	153500	55.815	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	179136	56.755	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	90195	56.611	ug/l	98
56) Ethyl methacrylate	10.65	69	100513	51.461	ug/l	94
57) 1,3-Dichloropropane	10.93	76	145700	55.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	139318	186.670	ug/l	99
59) 2-Hexanone	10.97	43	202017	244.322	ug/l	95
60) Dibromochloromethane	11.13	129	111568	56.219	ug/l	99
61) 1,2-Dibromoethane	11.24	107	87663	55.067	ug/l	99
64) Tetrachloroethene	10.87	164	137292	58.774	ug/l	97
65) Chlorobenzene	11.66	112	380698	59.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135353	59.127	ug/l	99
67) Ethyl Benzene	11.73	91	658589	58.996	ug/l	100
68) m/p-Xylenes	11.84	106	527946	119.652	ug/l	98
69) o-Xylene	12.17	106	247633	58.889	ug/l	98
70) Styrene	12.18	104	405376	59.282	ug/l	99
71) Bromoform	12.35	173	68932	53.986	ug/l #	98
73) Isopropylbenzene	12.47	105	705947	57.419	ug/l	99
74) N-amyl acetate	12.28	43	107401	44.976	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	98846	52.860	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60390m	45.432	ug/l	
77) Bromobenzene	12.75	156	170859	56.739	ug/l	97
78) n-propylbenzene	12.81	91	827886	57.879	ug/l	100
79) 2-Chlorotoluene	12.90	91	457163	56.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	595172	57.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28595	51.423	ug/l	97
82) 4-Chlorotoluene	12.99	91	482415	57.303	ug/l	98
83) tert-Butylbenzene	13.21	119	539292	58.156	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	605232	57.707	ug/l	100
85) sec-Butylbenzene	13.39	105	765384	58.424	ug/l	100
86) p-Isopropyltoluene	13.51	119	698575	58.954	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	350221	58.438	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	343875	57.629	ug/l	99
89) n-Butylbenzene	13.83	91	632119	58.331	ug/l	99
90) Hexachloroethane	14.10	117	115805	57.697	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	307829	57.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15776	47.121	ug/l	96

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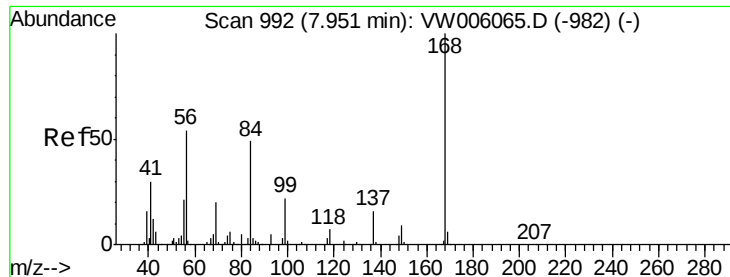
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	230719	56.091	ug/l	100
94) Hexachlorobutadiene	15.24	225	151434	58.606	ug/l	99
95) Naphthalene	15.38	128	347175	50.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	194171	54.577	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 241311

Ion Ratio Lower Upper

168 100

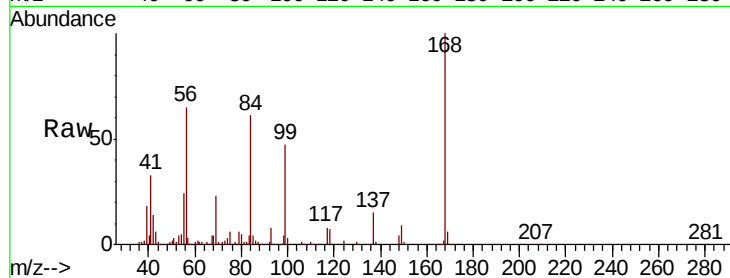
99 47.3 39.9 59.9

Manual Integrations

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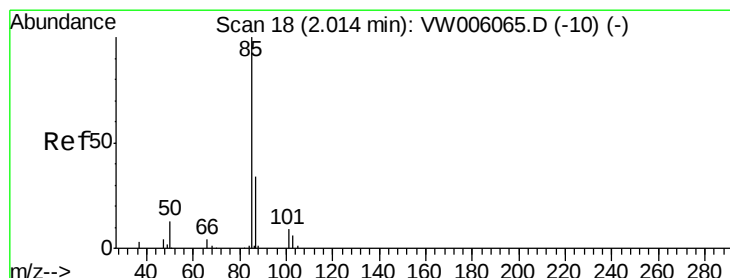
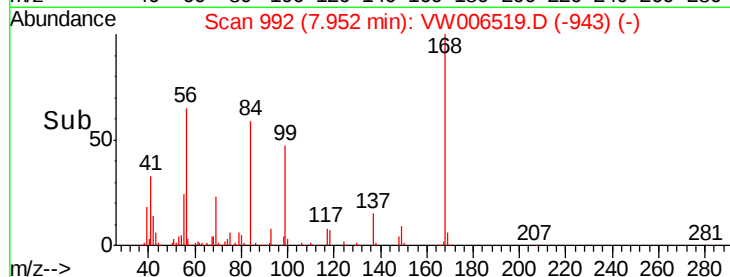
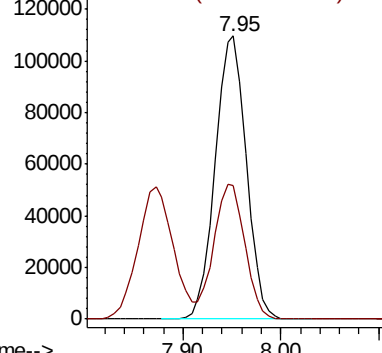
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 56.085 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006519.D

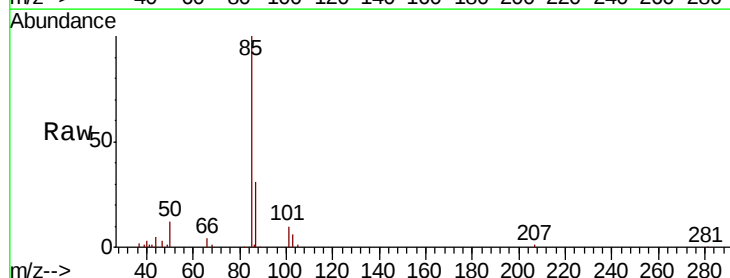
Acq: 31 Oct 2018 11:51

Tgt Ion: 85 Resp: 66973

Ion Ratio Lower Upper

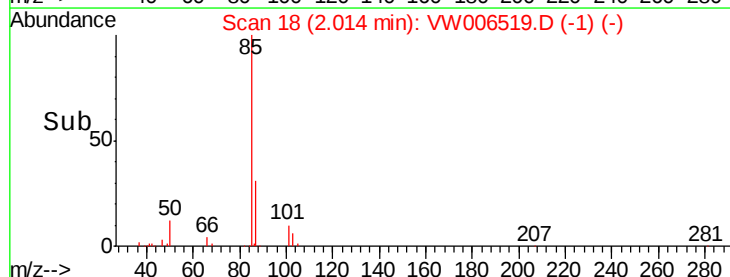
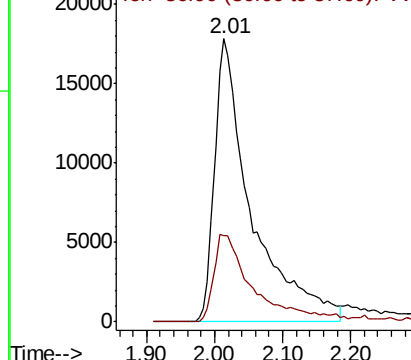
85 100

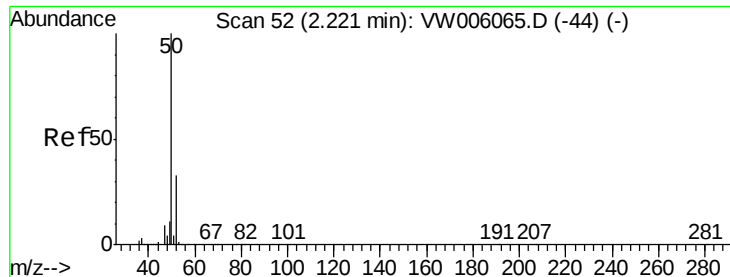
87 30.6 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 54.588 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 83909

Ion Ratio Lower Upper

50 100

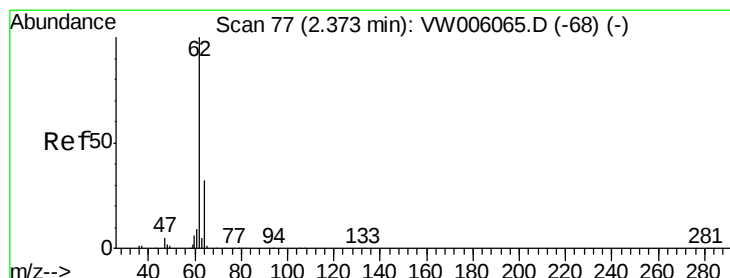
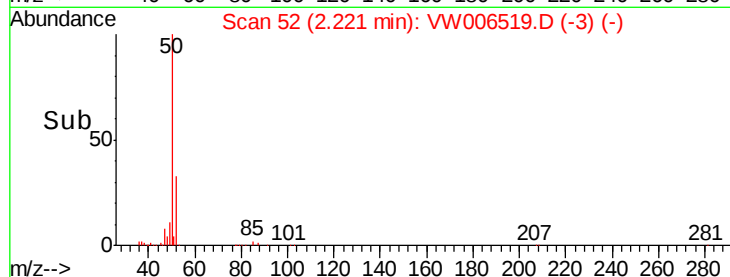
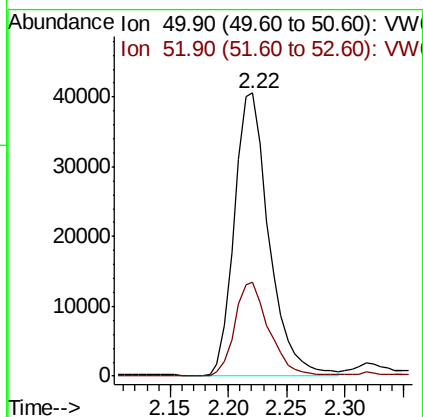
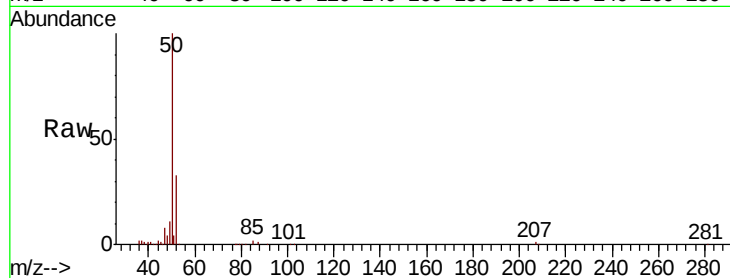
52 33.3 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.453 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006519.D

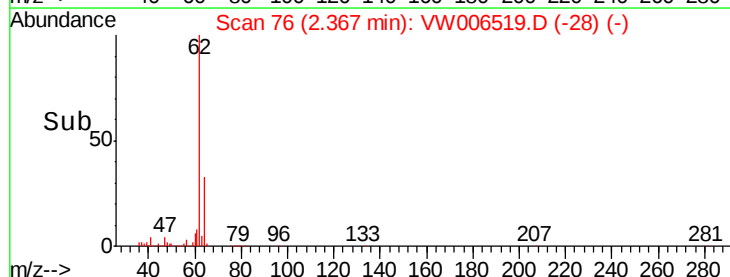
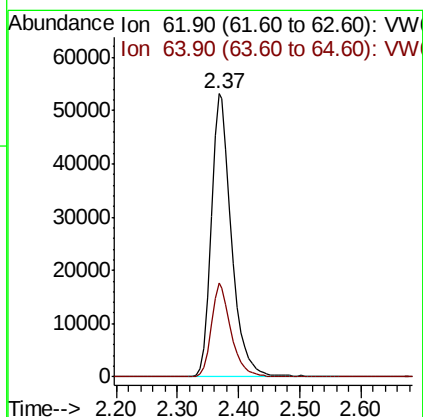
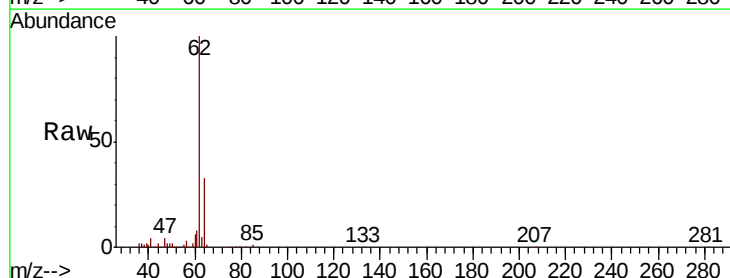
Acq: 31 Oct 2018 11:51

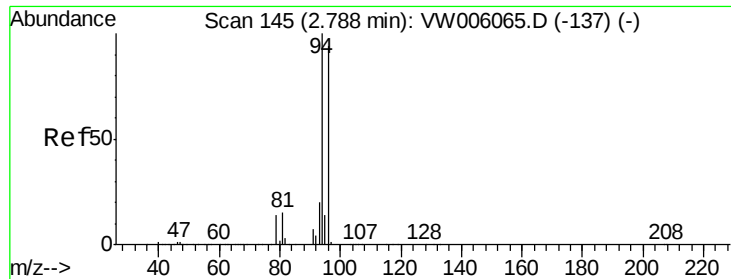
Tgt Ion: 62 Resp: 123924

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 50.197 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 100223

Ion Ratio Lower Upper

94 100

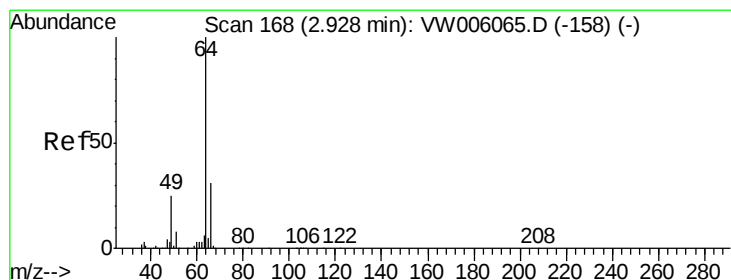
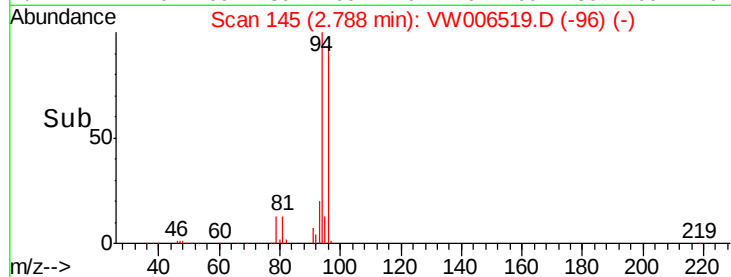
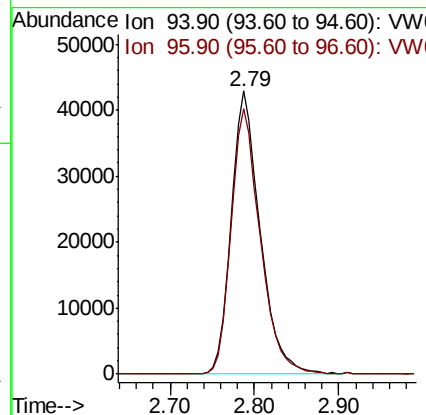
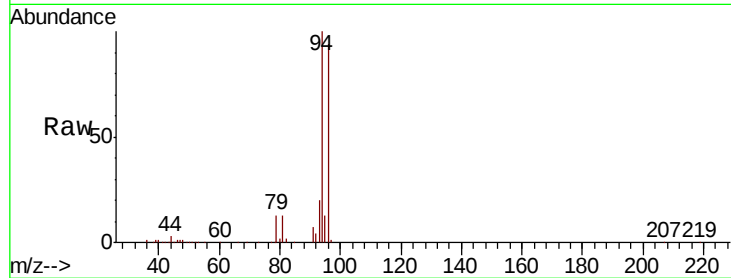
96 93.6 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 55.422 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006519.D

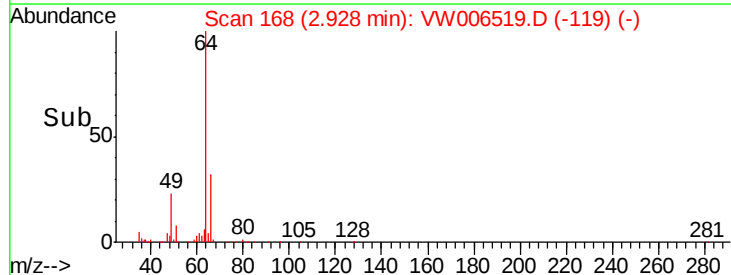
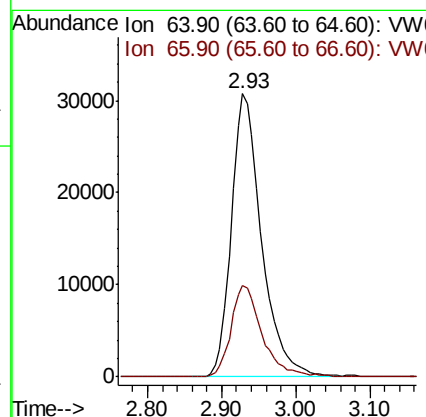
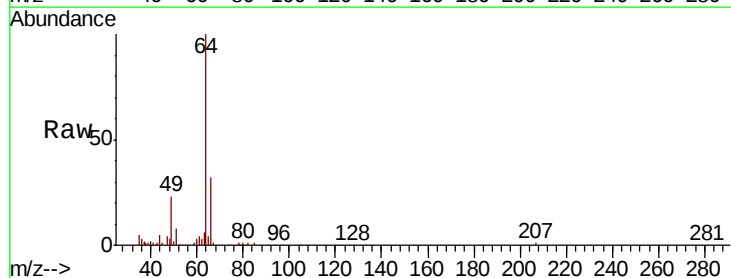
Acq: 31 Oct 2018 11:51

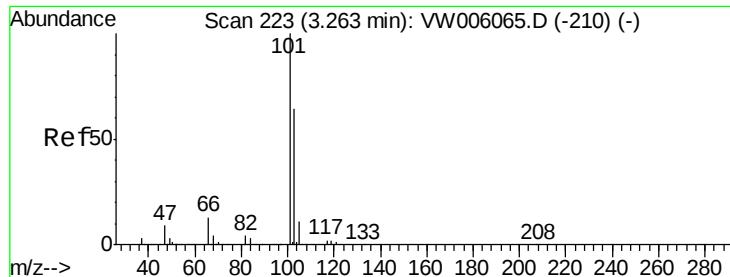
Tgt Ion: 64 Resp: 87186

Ion Ratio Lower Upper

64 100

66 32.3 24.9 37.3





#7

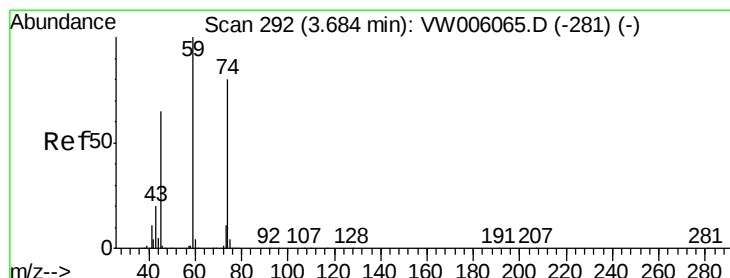
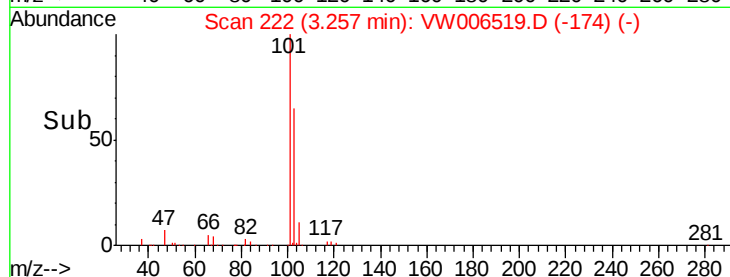
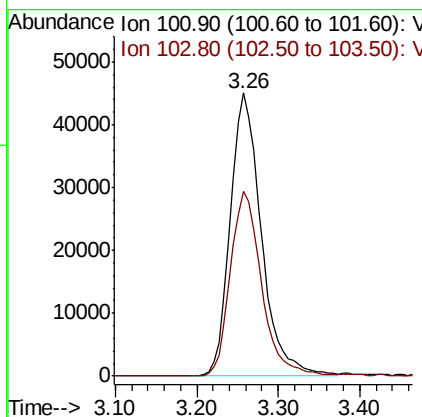
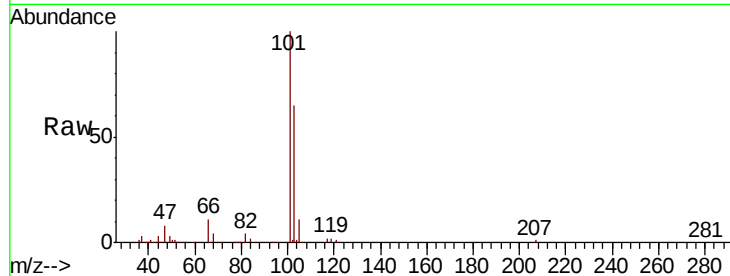
Trichlorofluoromethane
 Concen: 57.938 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006519.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

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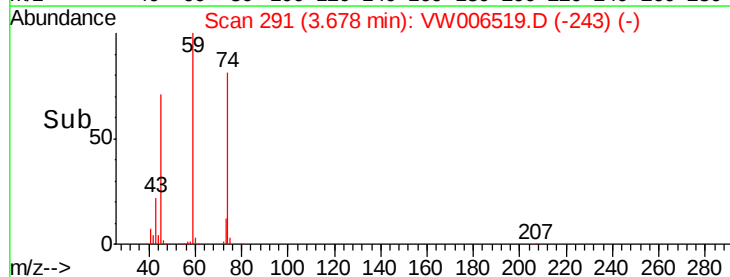
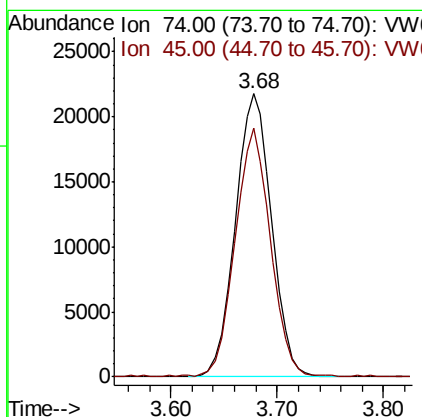
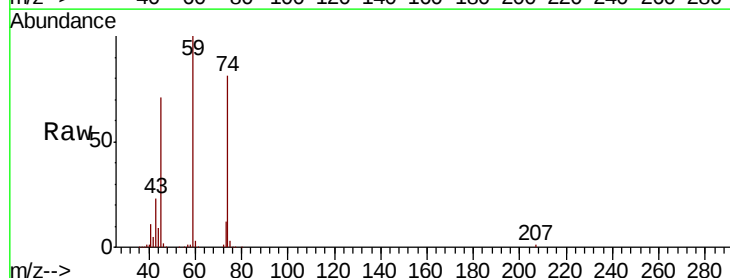
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 11/1/2018 1:37:12 PM



#8

Diethyl Ether
 Concen: 47.684 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.2	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.728 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

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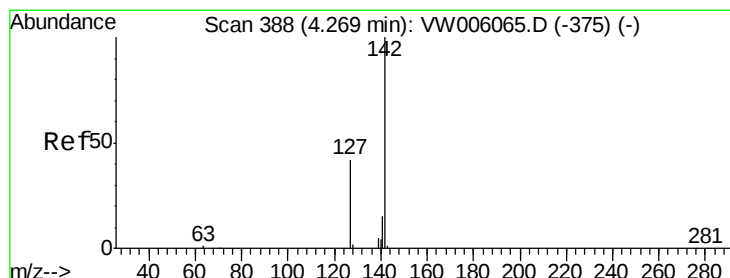
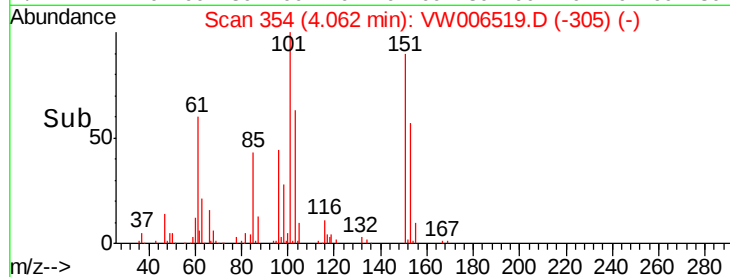
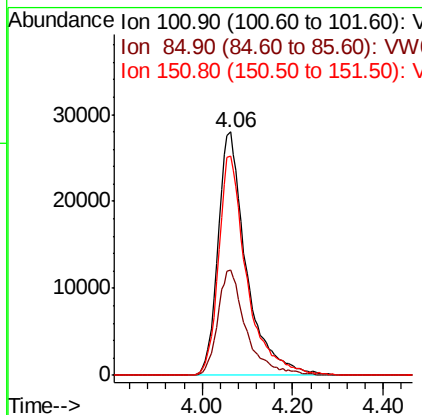
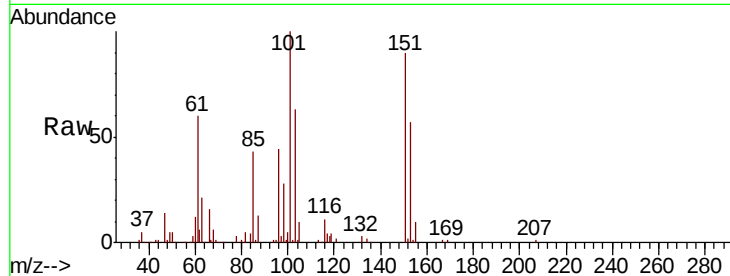
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	121573
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.9	52.3
151	89.6	70.4	105.6

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#10

Methyl Iodide

Concen: 55.043 ug/l

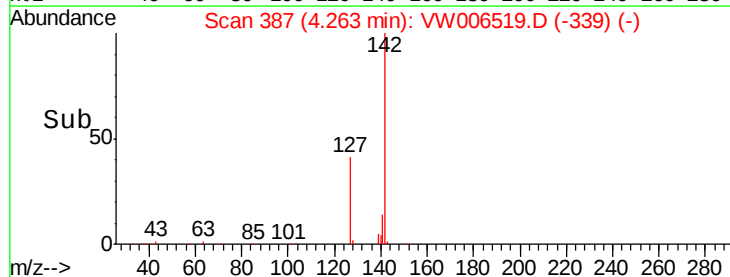
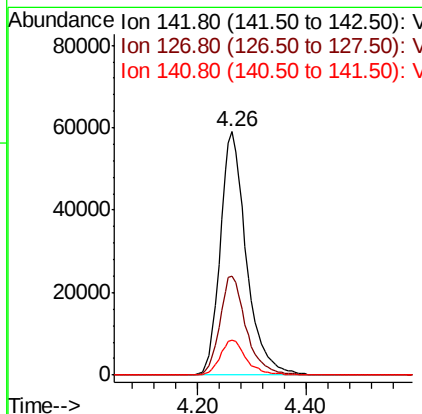
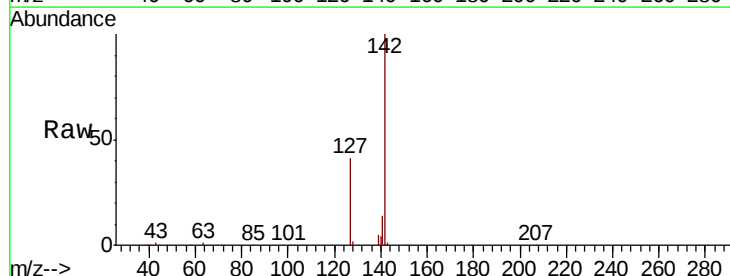
RT: 4.26 min Scan# 387

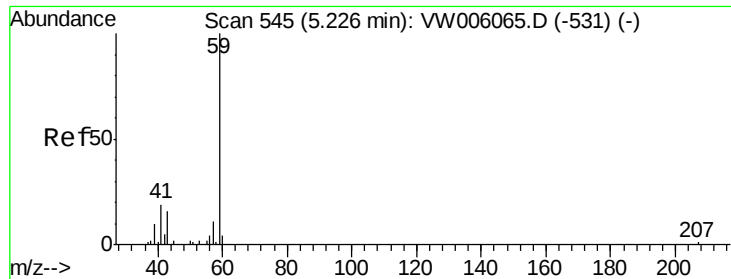
Delta R.T. -0.01 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion:	142	Resp:	196338
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.6	50.4
141	14.4	11.6	17.4





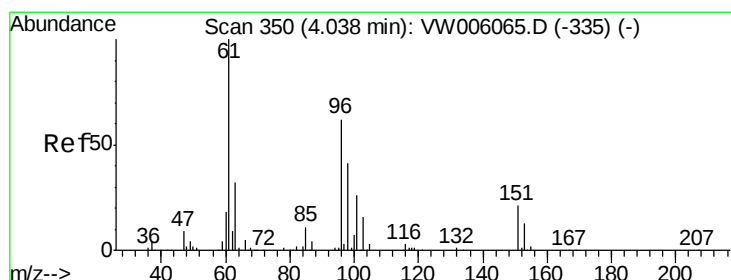
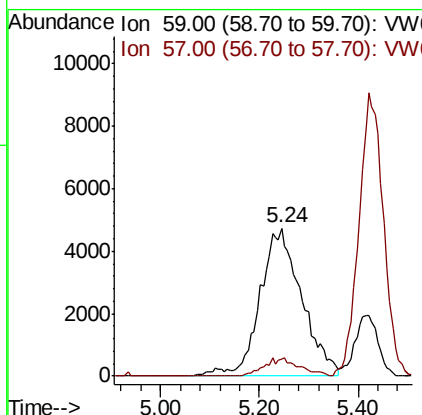
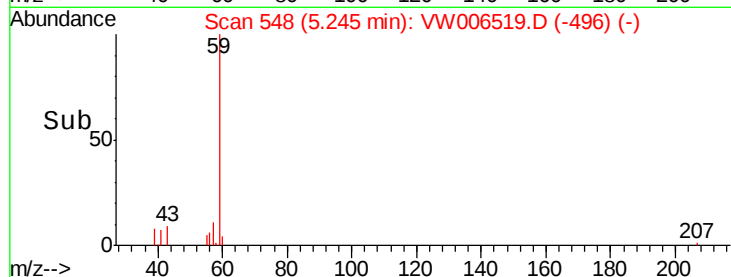
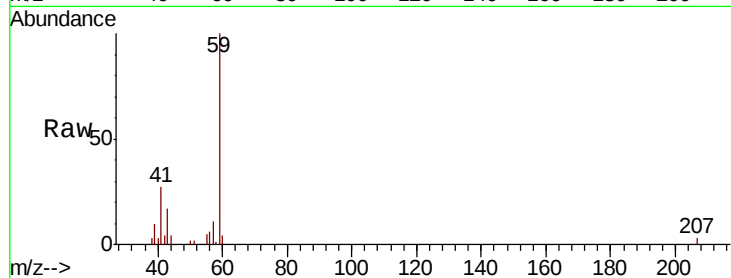
#11
Tert butyl alcohol
Concen: 205.605 ug/l m
RT: 5.24 min Scan# 548
Delta R.T. 0.02 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 27664
Ion Ratio Lower Upper
59 100
57 3.9 8.7 13.1#

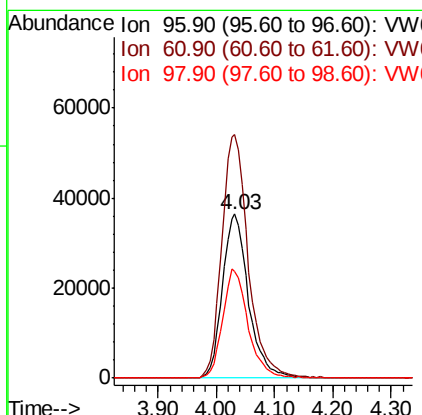
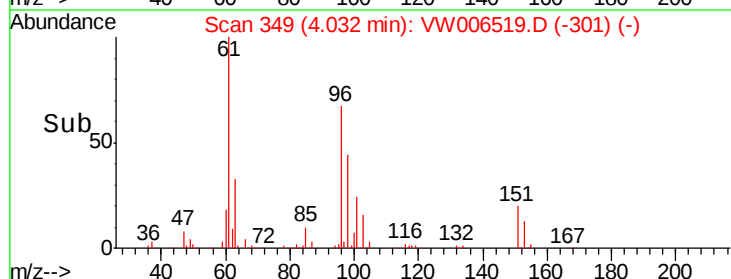
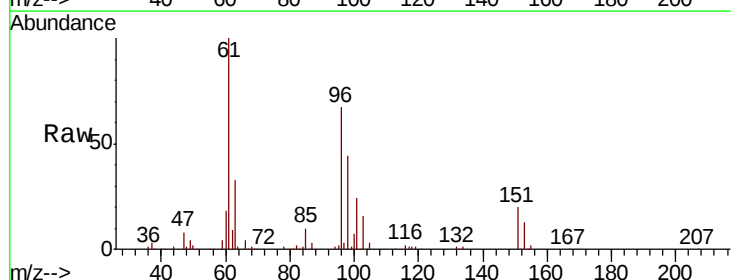
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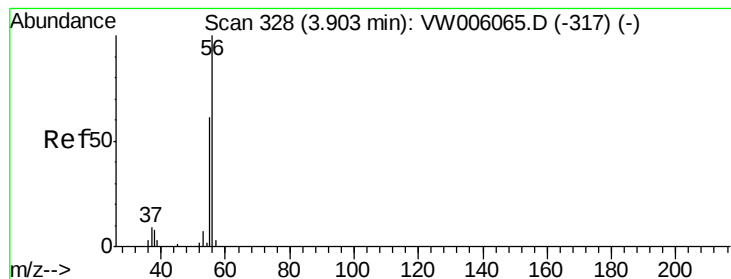
MMDadoda
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#12
1,1-Dichloroethene
Concen: 56.063 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion: 96 Resp: 113036
Ion Ratio Lower Upper
96 100
61 148.8 129.3 193.9
98 65.1 53.1 79.7





#13

Acrolein

Concen: 242.968 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 31633

Ion Ratio Lower Upper

56 100

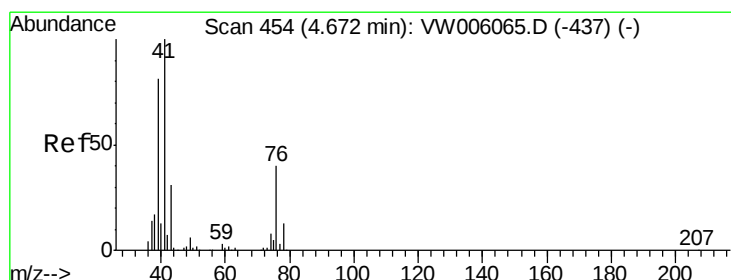
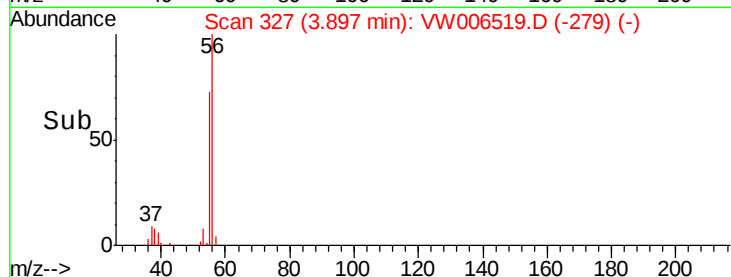
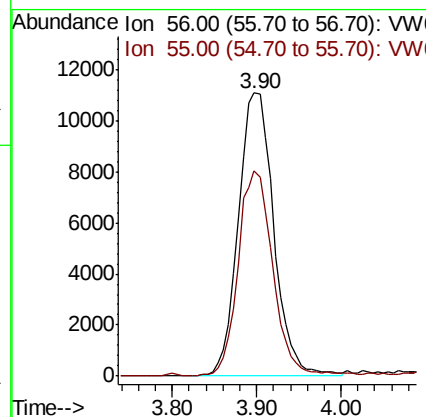
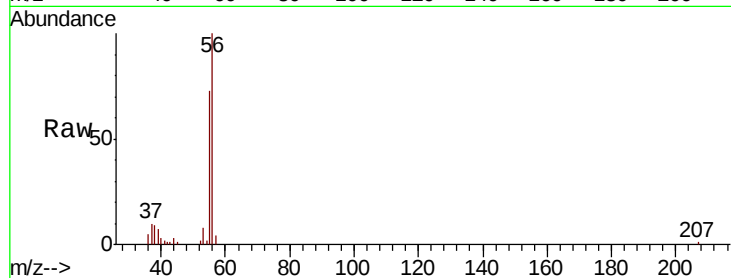
55 71.1 54.5 81.7

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#14

Allyl chloride

Concen: 51.945 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

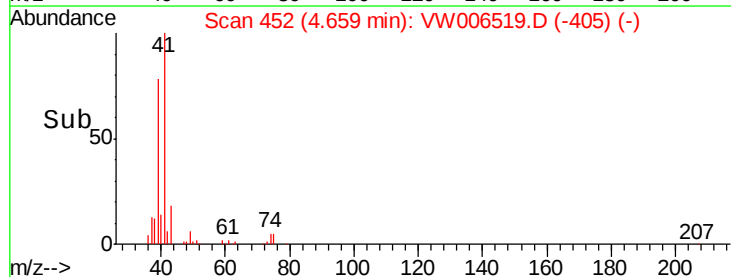
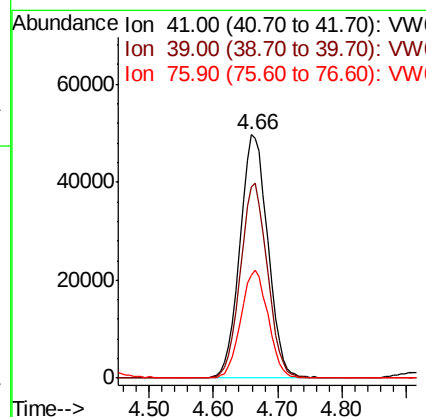
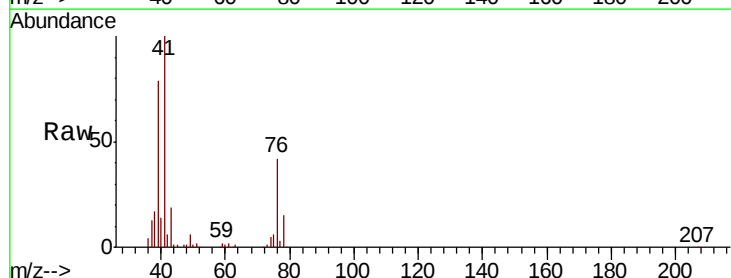
Tgt Ion: 41 Resp: 149751

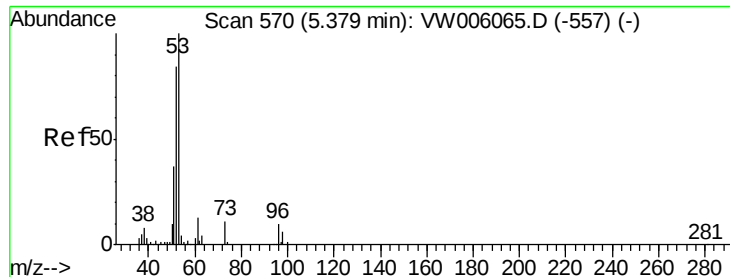
Ion Ratio Lower Upper

41 100

39 77.3 64.1 96.1

76 43.0 32.2 48.4





#15

Acrylonitrile

Concen: 245.052 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

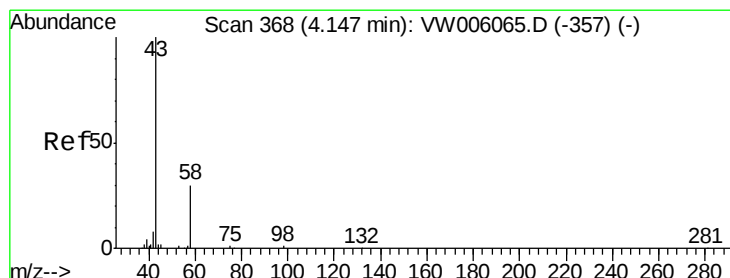
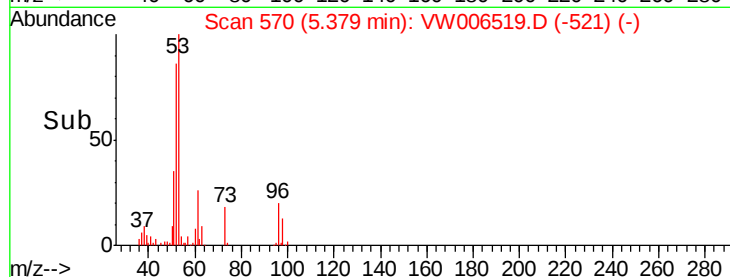
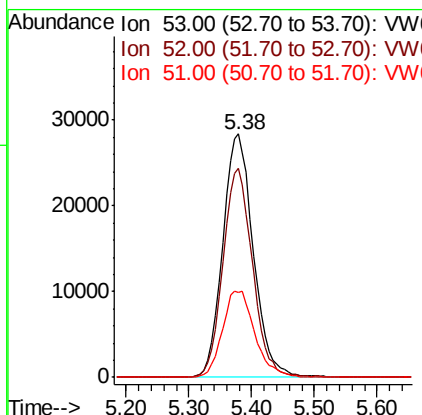
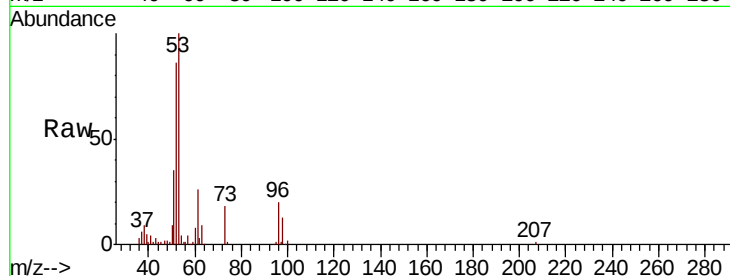
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	95525
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.9	100.3
51	37.7	30.1	45.1

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#16

Acetone

Concen: 288.235 ug/l

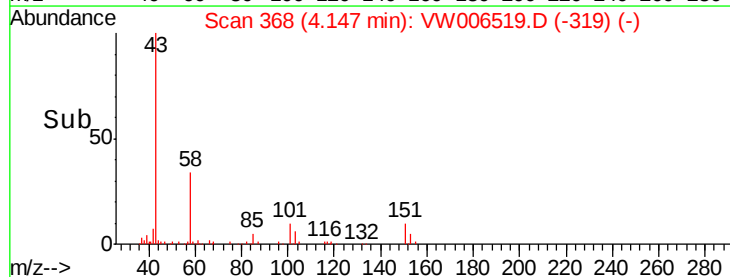
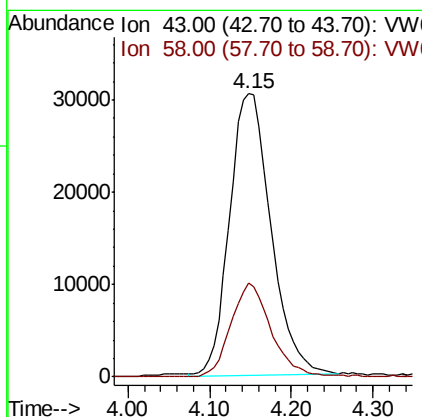
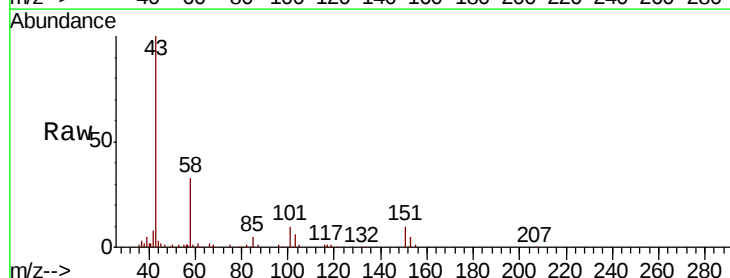
RT: 4.15 min Scan# 368

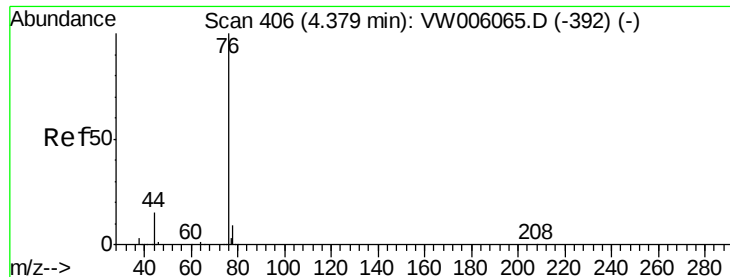
Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion:	43	Resp:	107332
Ion Ratio	Lower	Upper	
43	100		
58	33.5	24.0	36.0





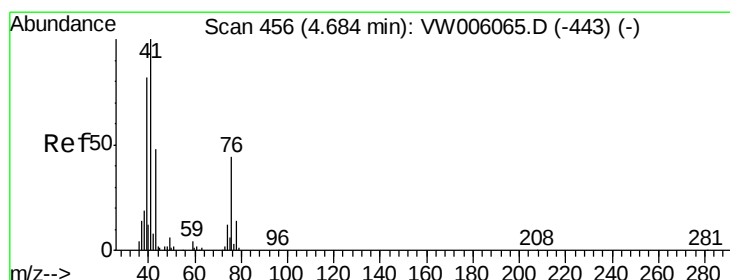
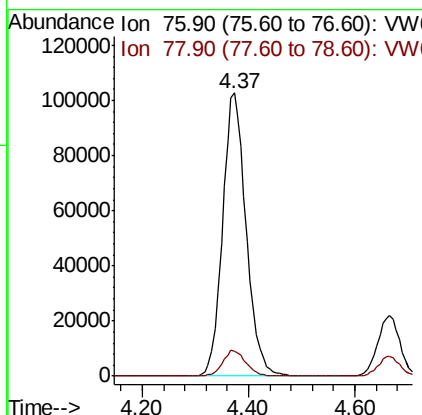
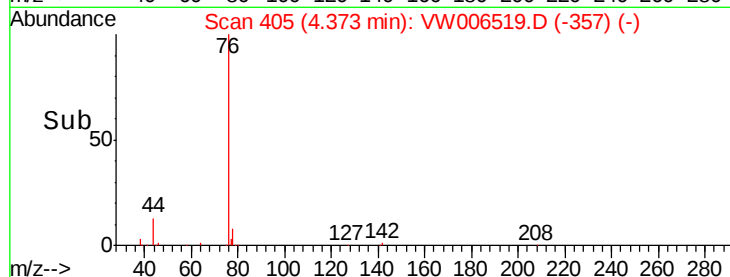
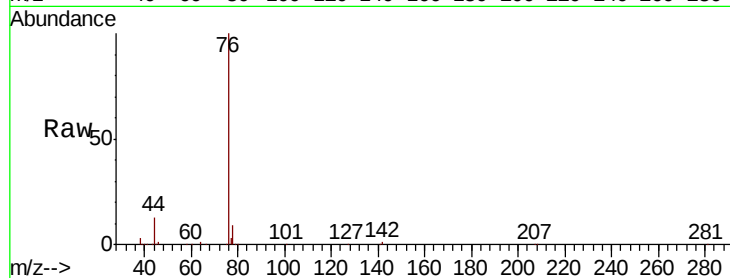
#17
Carbon Disulfide
Concen: 51.909 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.5	11.3

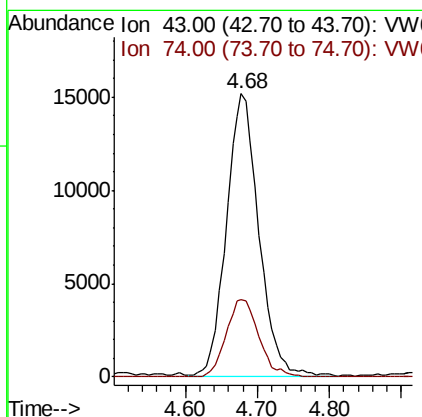
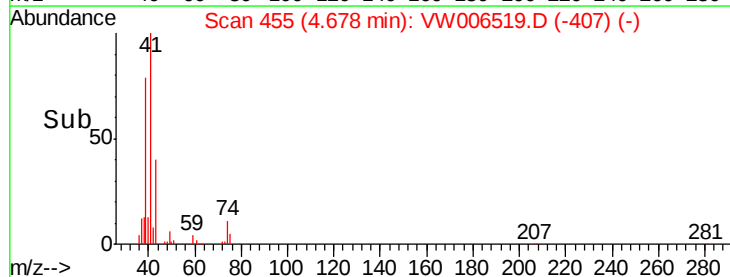
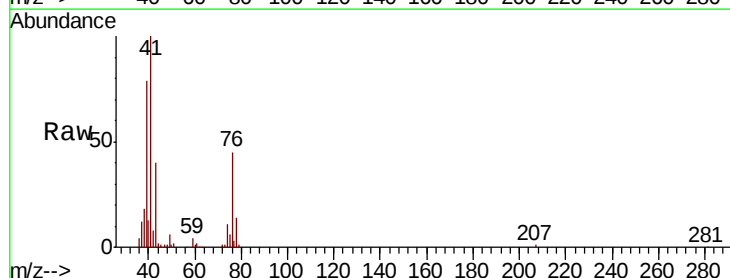
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#18
Methyl Acetate
Concen: 47.480 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	20.5	30.7





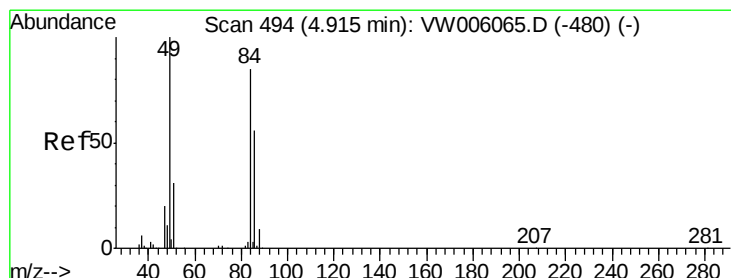
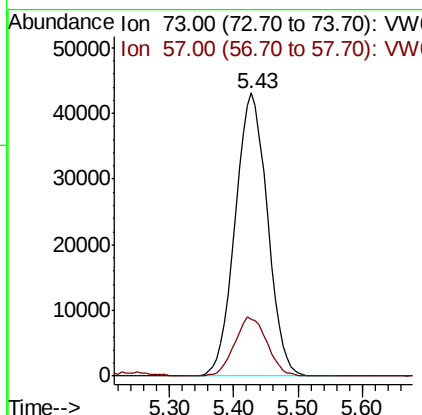
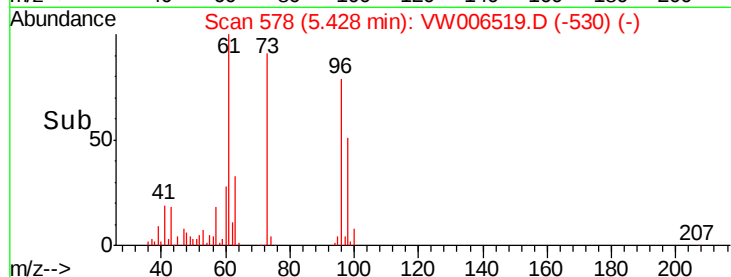
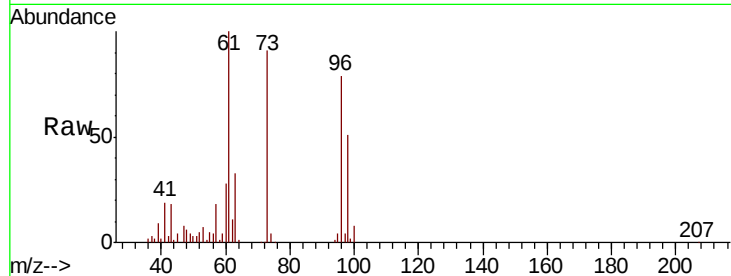
#19
Methyl tert-butyl Ether
Concen: 48.628 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 149332
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.2

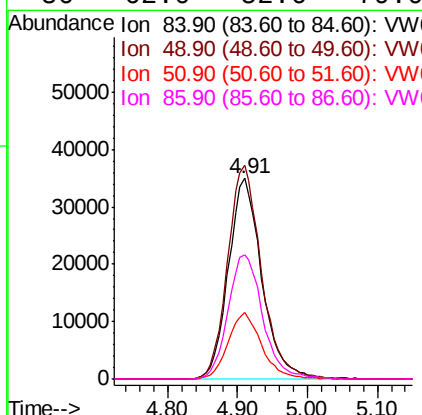
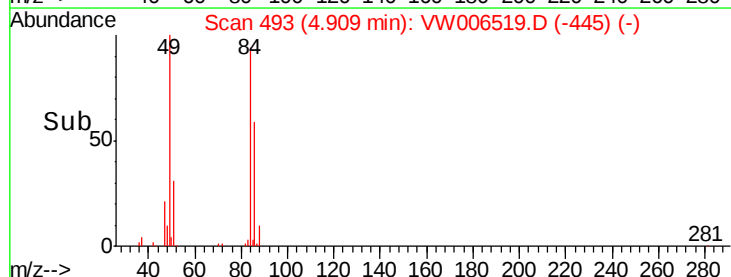
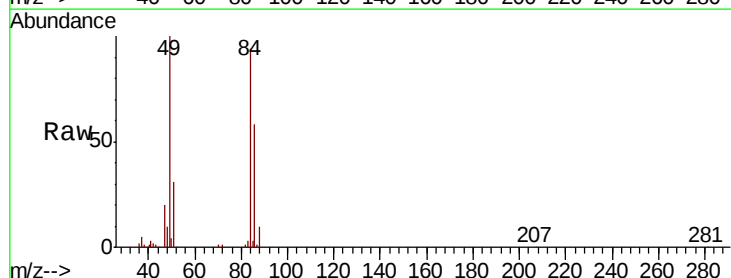
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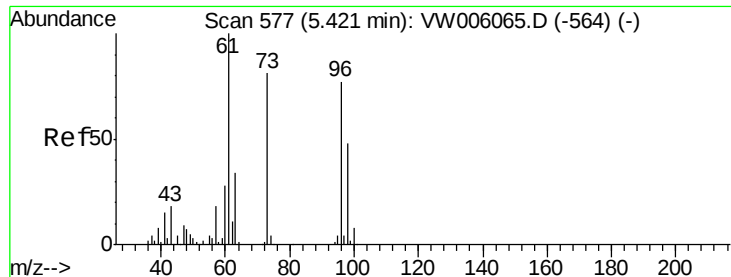
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#20
Methylene Chloride
Concen: 54.957 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion: 84 Resp: 115995
Ion Ratio Lower Upper
84 100
49 106.4 93.6 140.4
51 33.0 29.0 43.4
86 62.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 56.673 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

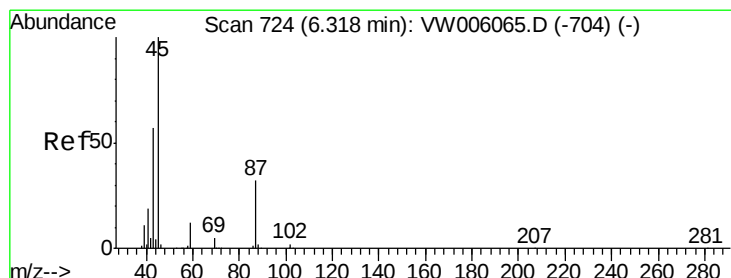
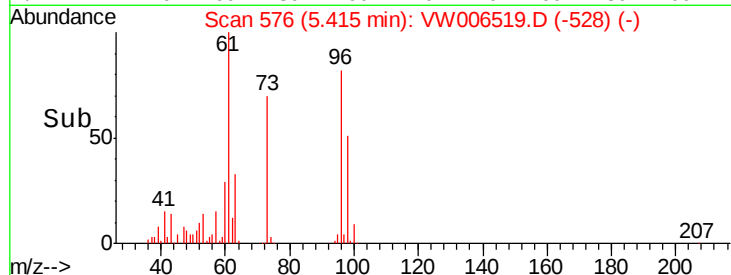
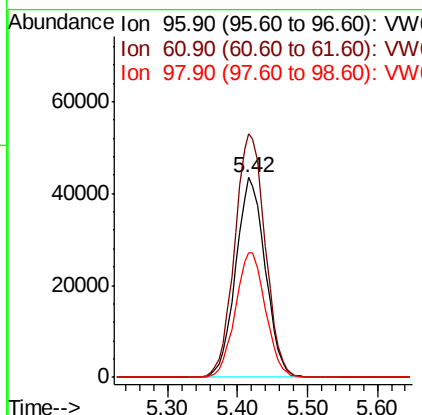
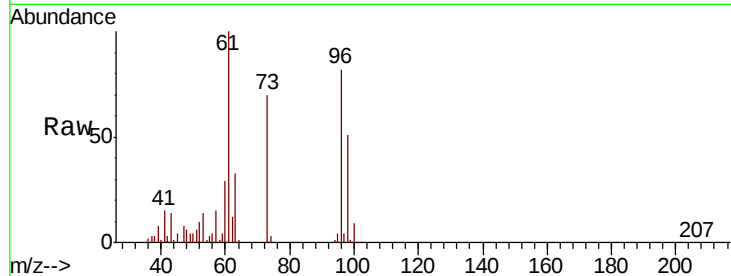
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	127543
Ion	Ratio	Lower	Upper
96	100		
61	121.7	104.5	156.7
98	62.3	50.6	75.8

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#22

Diisopropyl ether

Concen: 52.070 ug/l

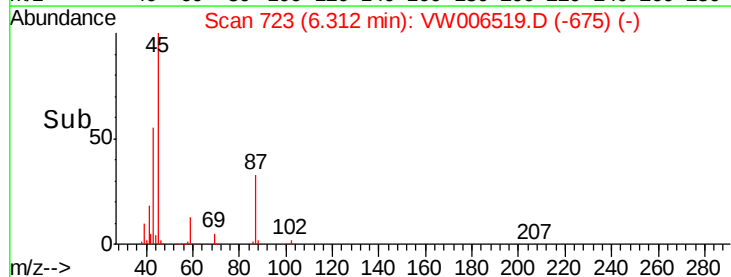
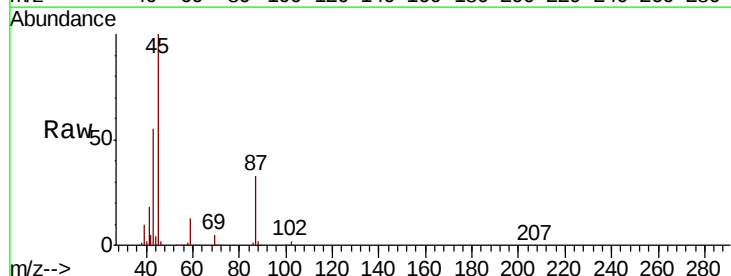
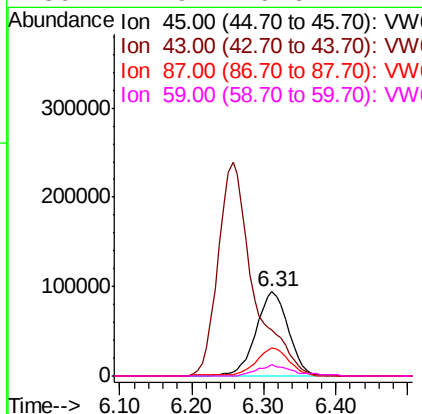
RT: 6.31 min Scan# 723

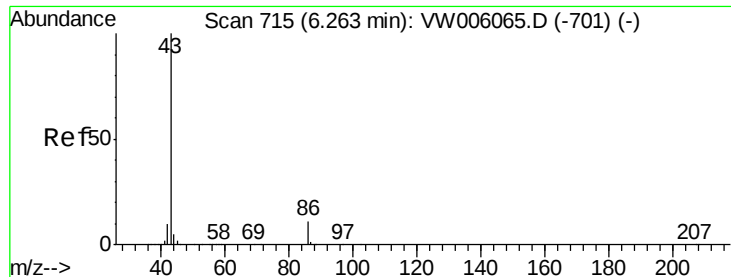
Delta R.T. -0.01 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion:	45	Resp:	296644
Ion	Ratio	Lower	Upper
45	100		
43	54.5	45.7	68.5
87	33.2	25.9	38.9
59	12.9	9.6	14.4





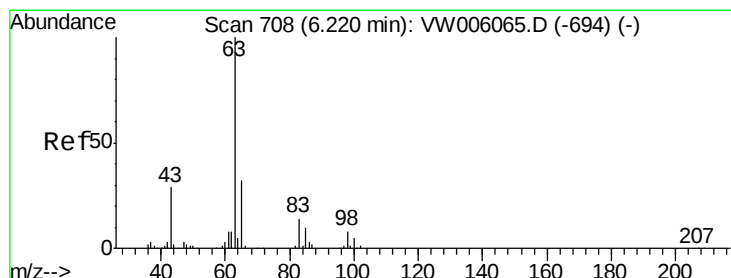
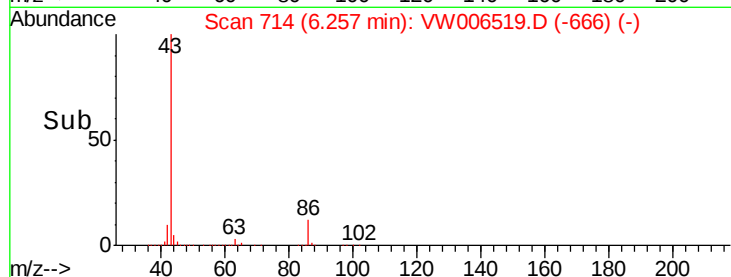
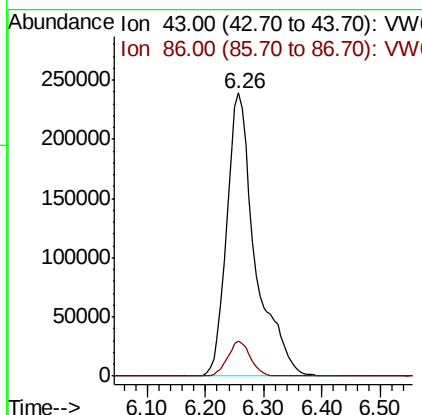
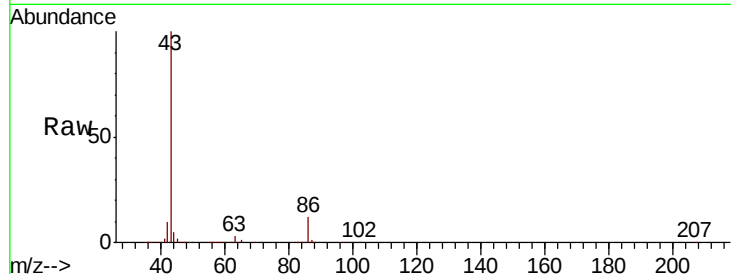
#23
 Vinyl Acetate
 Concen: 242.040 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.3	9.0	13.6

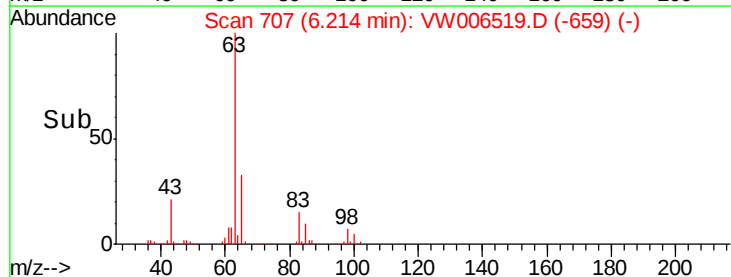
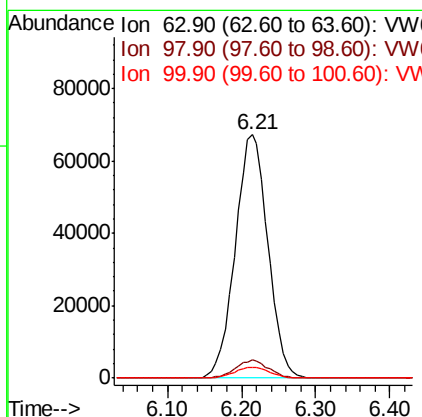
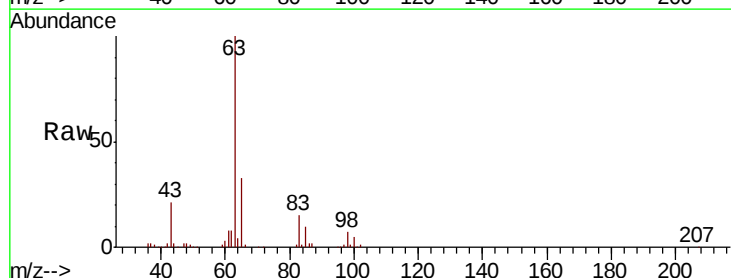
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 56.048 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	4.6	2.5	7.5





#25

2-Butanone

Concen: 240.569 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 130018

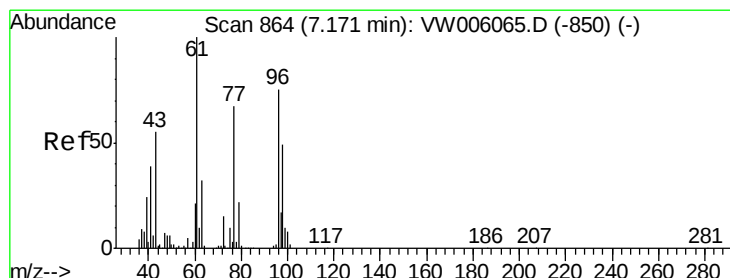
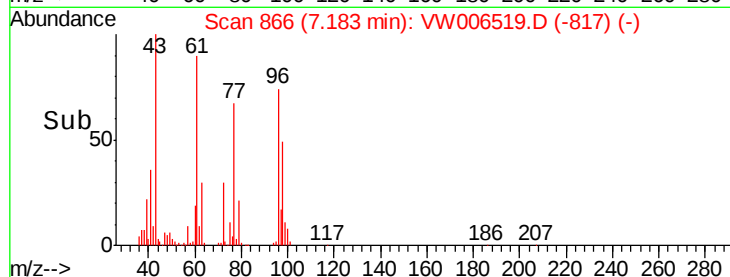
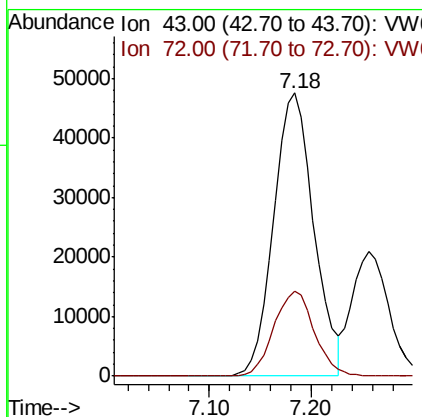
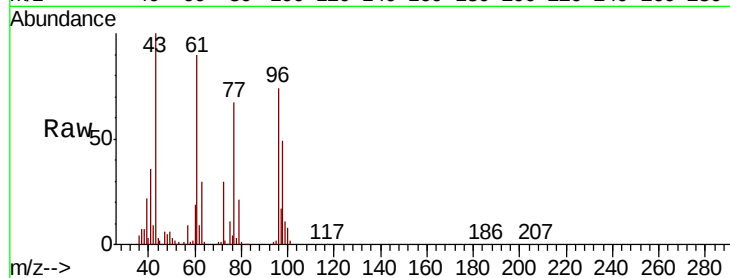
Ion Ratio Lower Upper

43 100

72 29.9 22.8 34.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 54.263 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006519.D

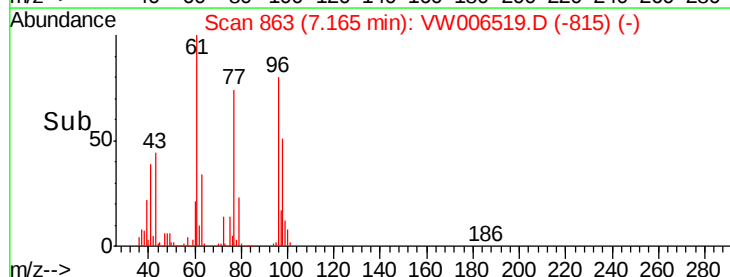
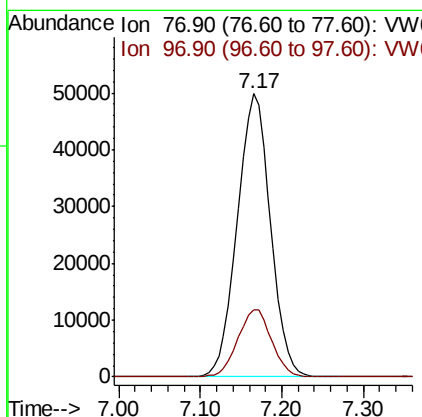
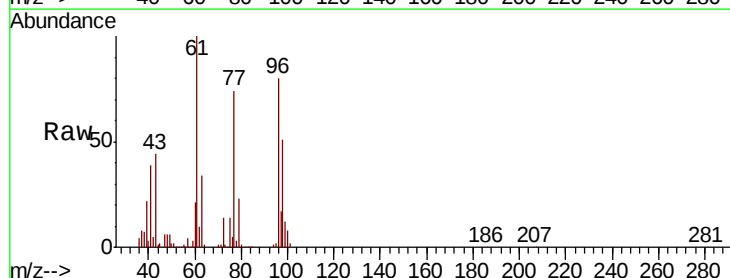
Acq: 31 Oct 2018 11:51

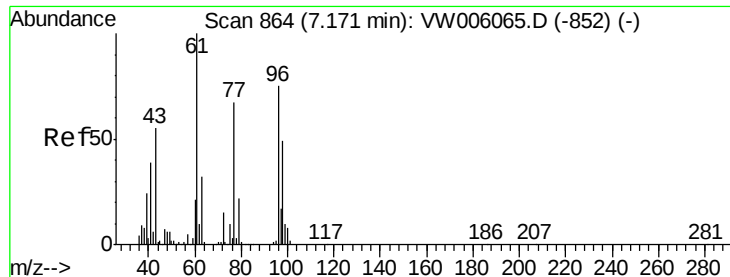
Tgt Ion: 77 Resp: 140688

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.4





#27

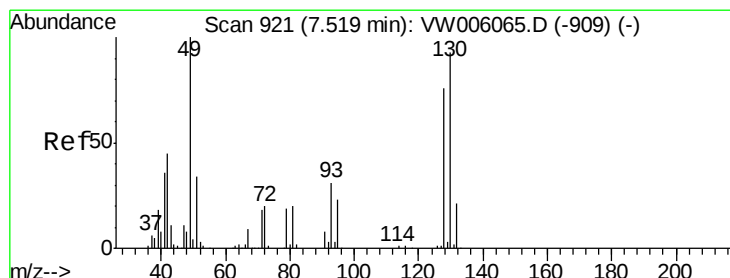
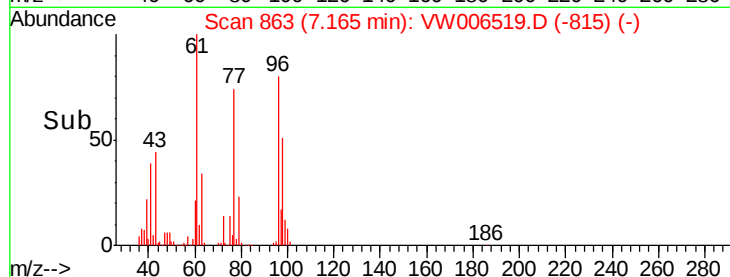
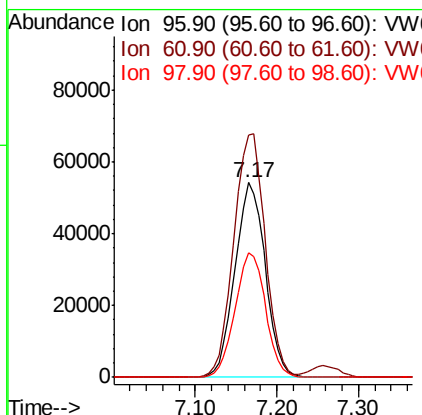
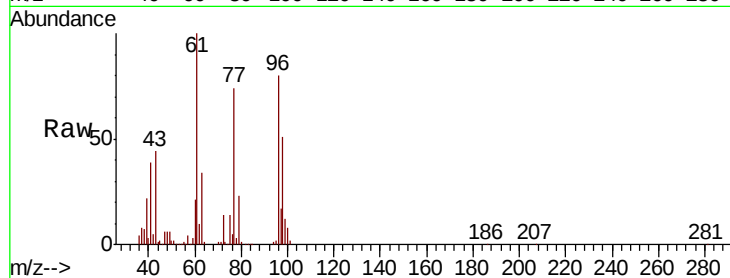
cis-1,2-Dichloroethene
Concen: 56.197 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	139567		
61	129.8	0.0	267.2	
98	64.6	0.0	128.6	

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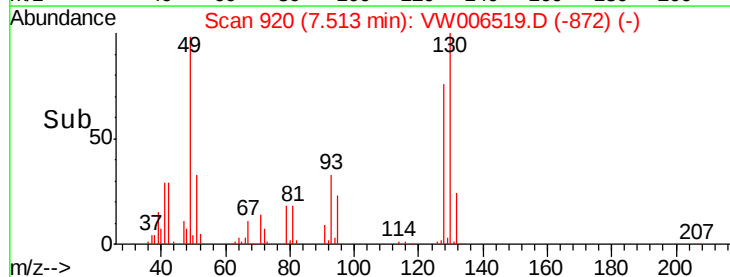
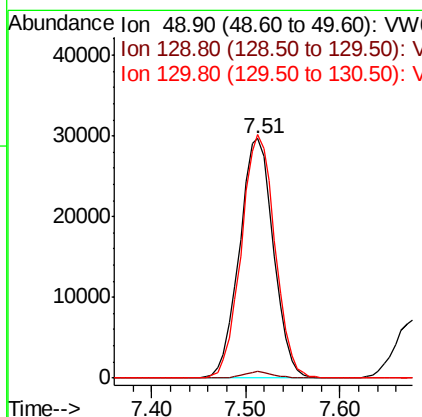
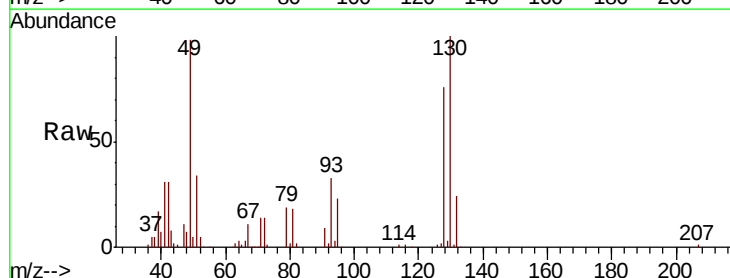
MMDadoda
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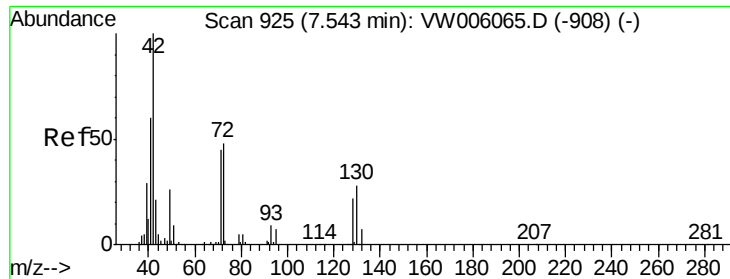


#28

Bromochloromethane
Concen: 52.957 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75156		
129	2.5	0.0	5.0	
130	100.5	73.8	110.8	





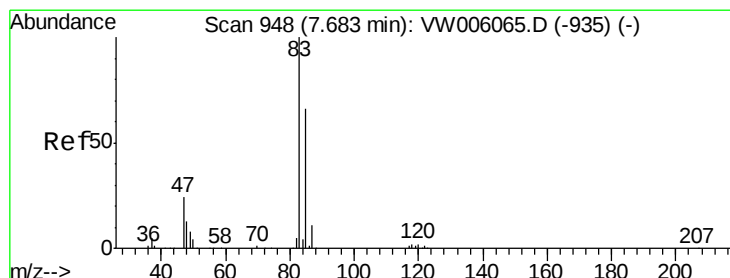
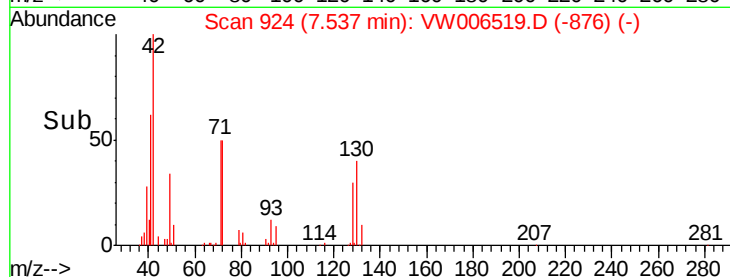
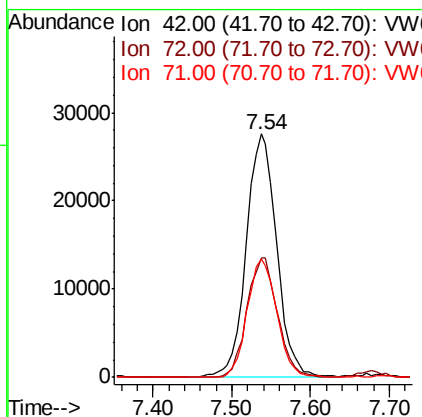
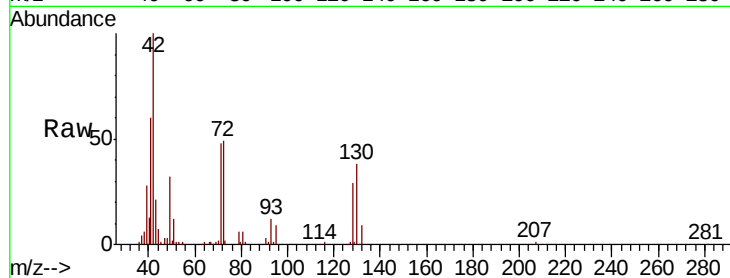
#29
Tetrahydrofuran
Concen: 223.059 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.3	38.0	57.0
71	47.2	35.3	52.9

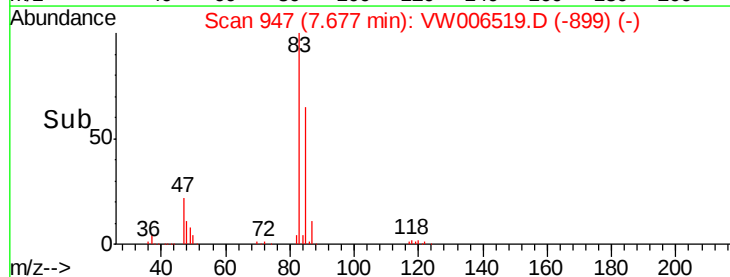
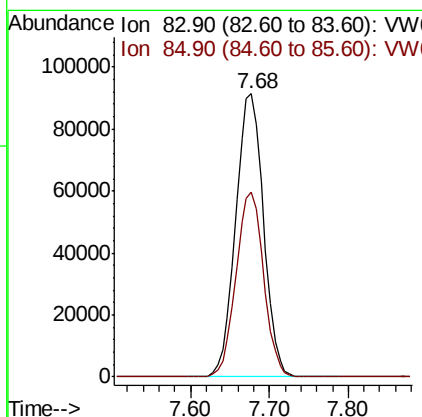
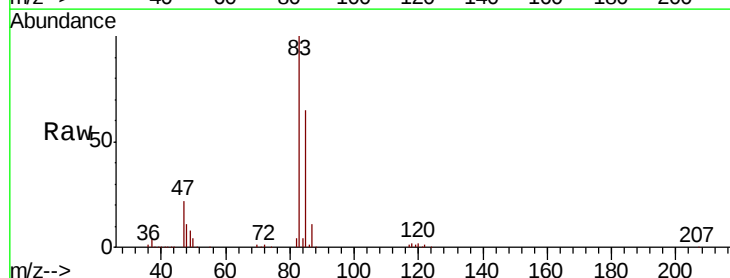
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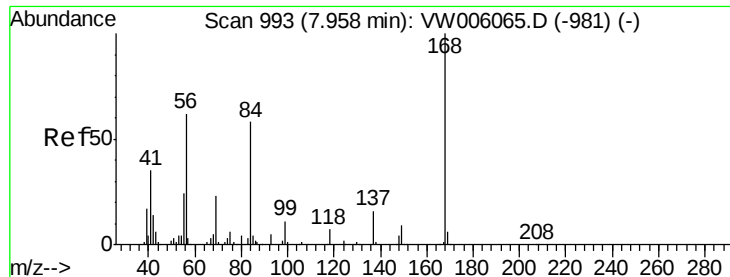
MMDadoda
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#30
Chloroform
Concen: 55.974 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





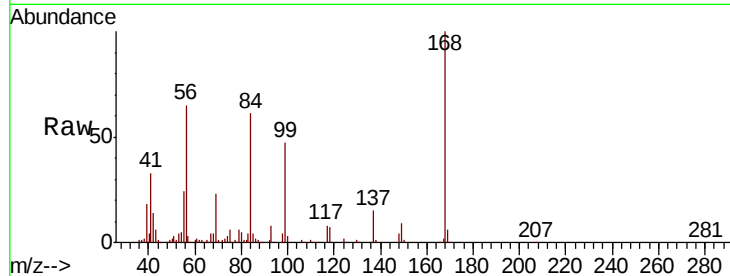
#31
Cyclohexane
Concen: 50.632 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

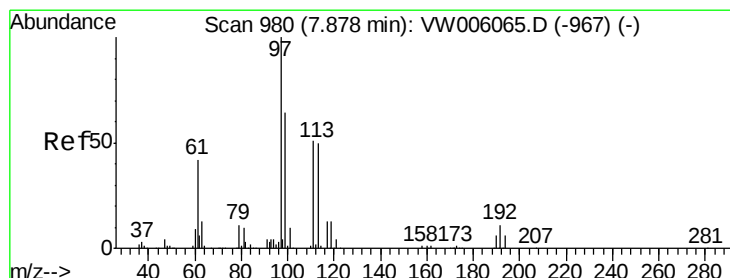
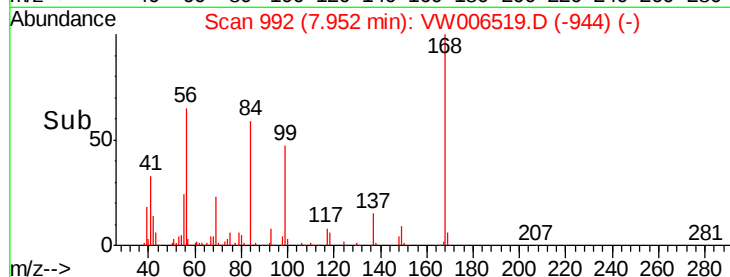
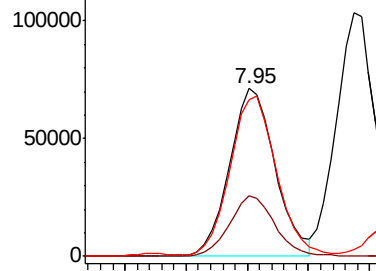
Tgt Ion	Ratio	Lower	Upper
56	100		
69	36.0	29.4	44.0
84	91.8	74.0	111.0

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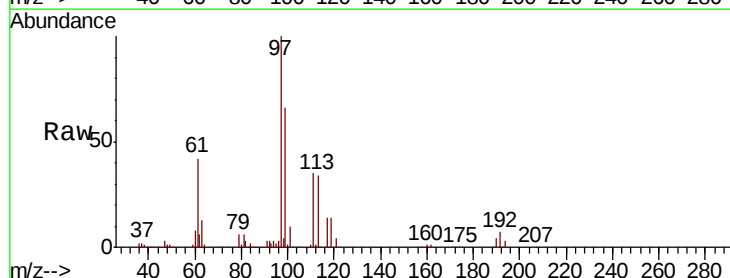


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

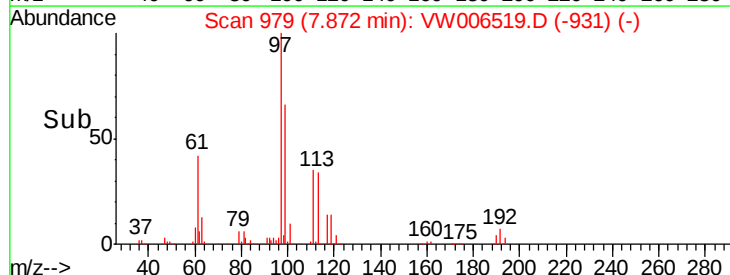
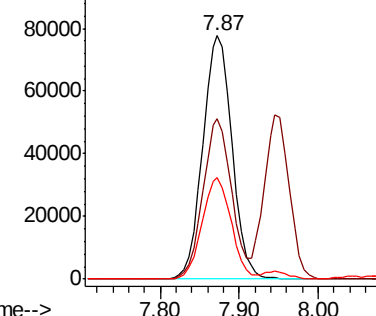


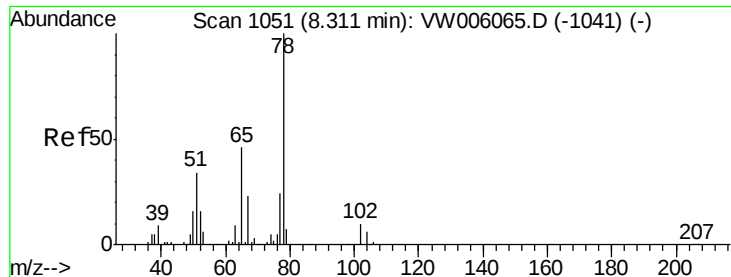
#32
1,1,1-Trichloroethane
Concen: 55.299 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	41.5	33.7	50.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





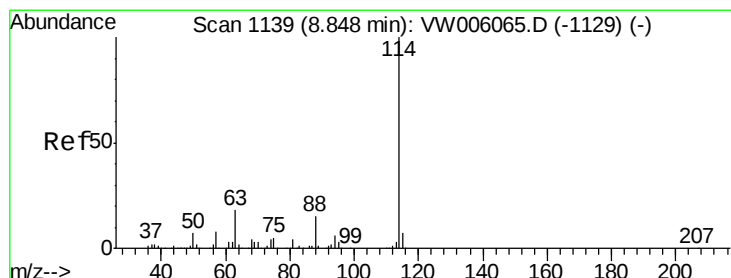
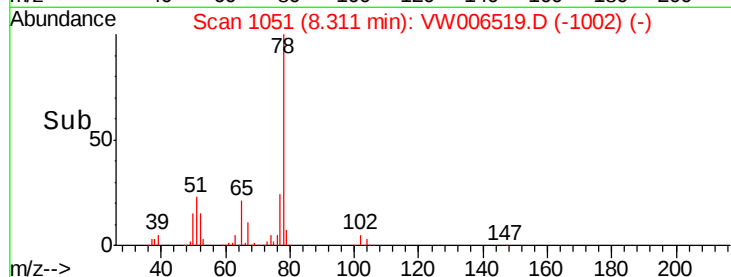
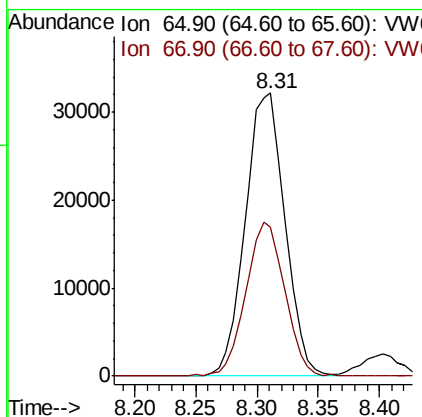
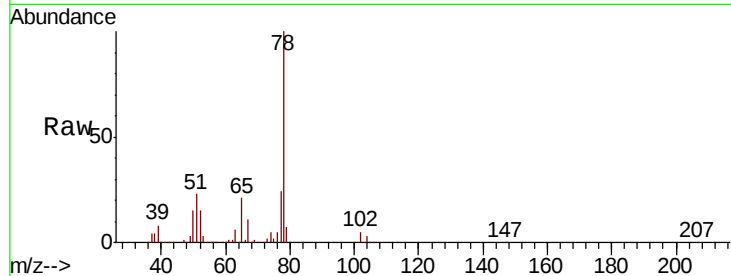
#33
 1,2-Dichloroethane-d4
 Concen: 36.316 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	101.0

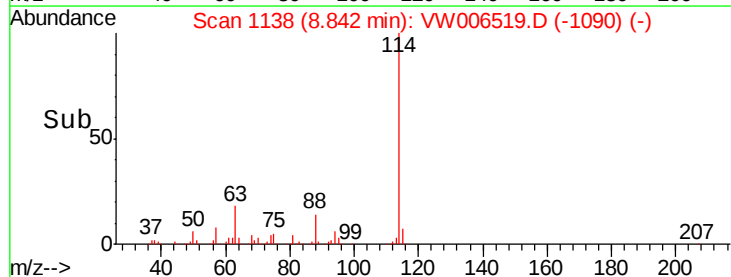
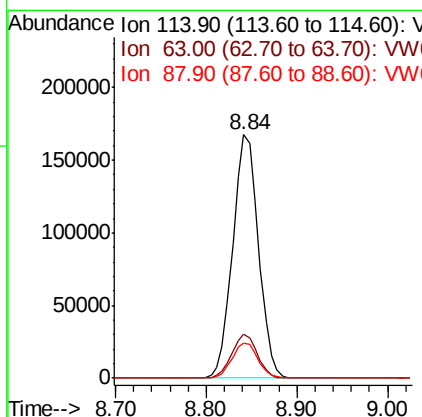
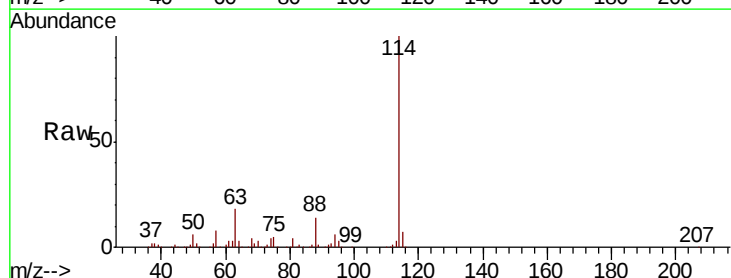
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.8
88	14.4	0.0	29.0





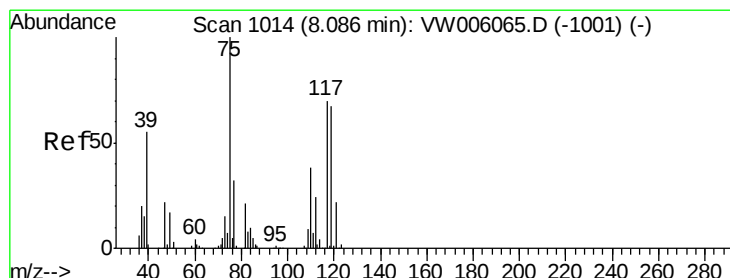
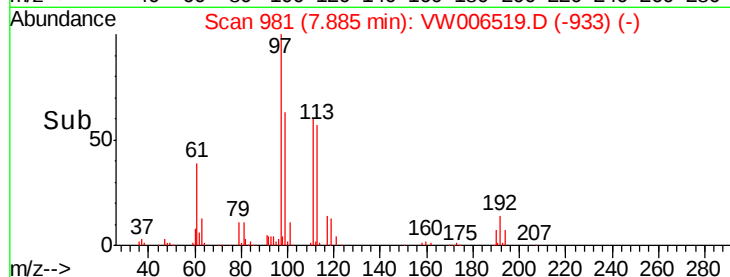
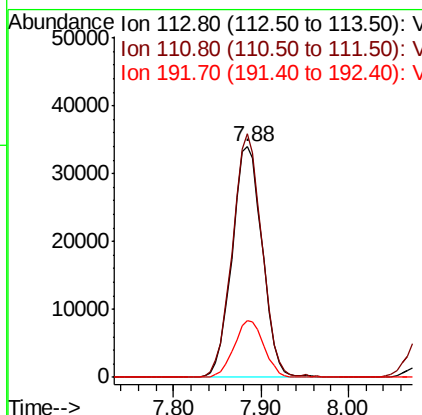
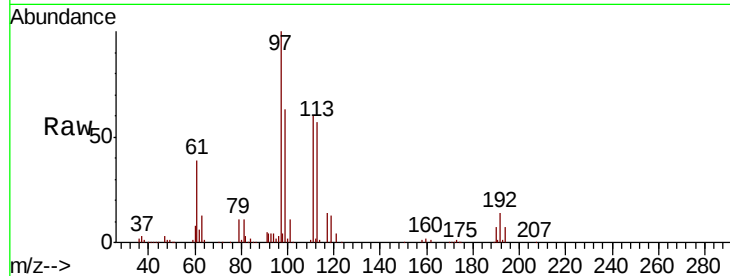
#35
Dibromofluoromethane
Concen: 41.780 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	24.2	18.7	28.1

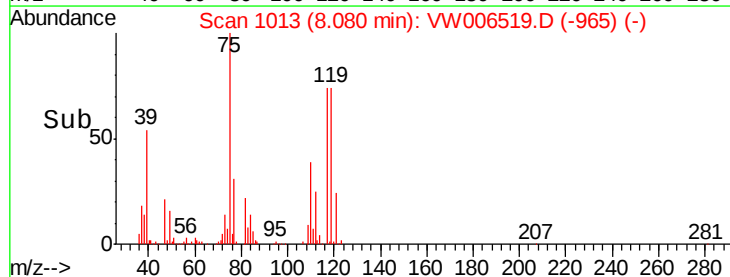
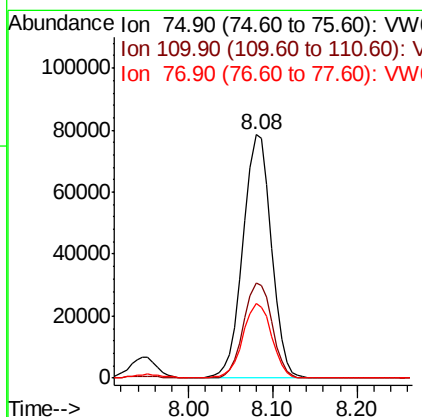
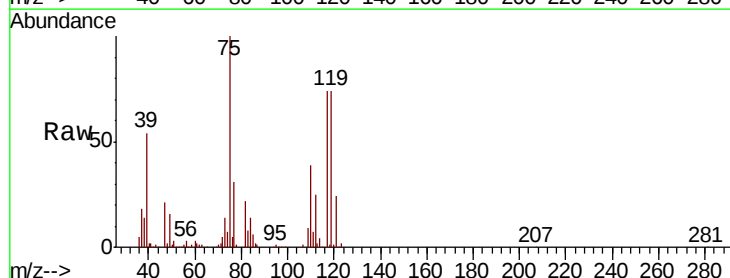
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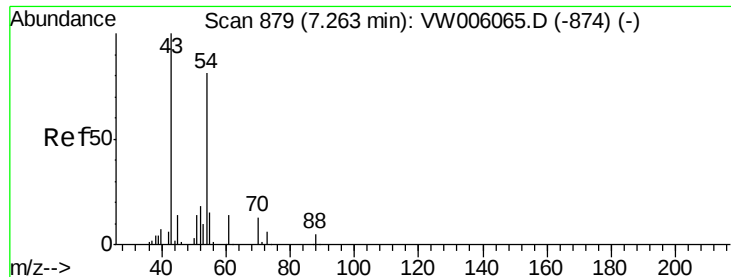
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#36
1,1-Dichloropropene
Concen: 58.713 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.1	57.1
77	31.1	25.0	37.4





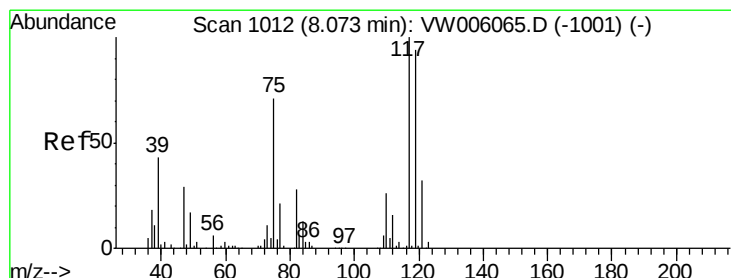
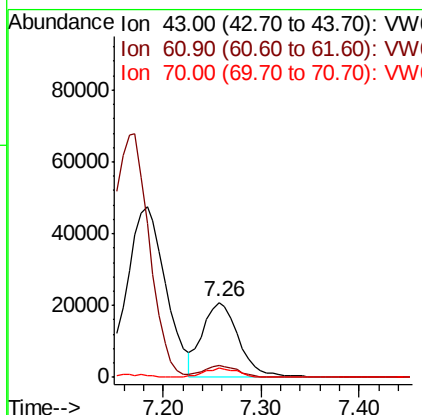
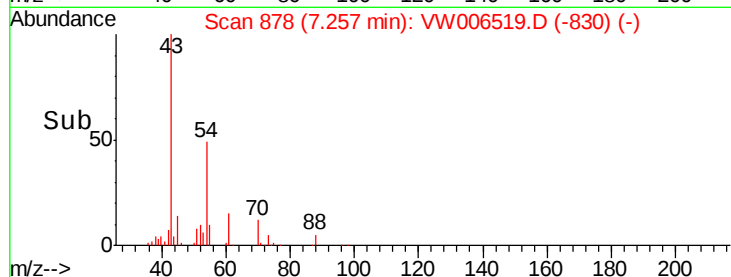
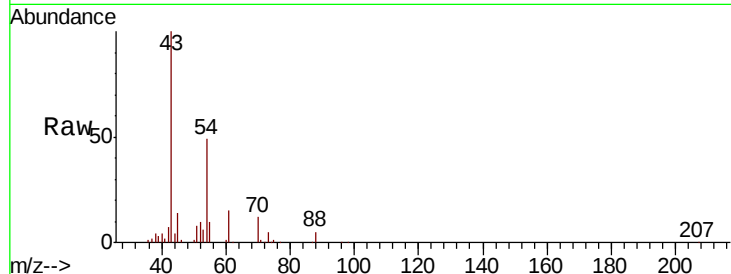
#37
Ethyl Acetate
Concen: 47.200 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	11.5	9.2	13.8

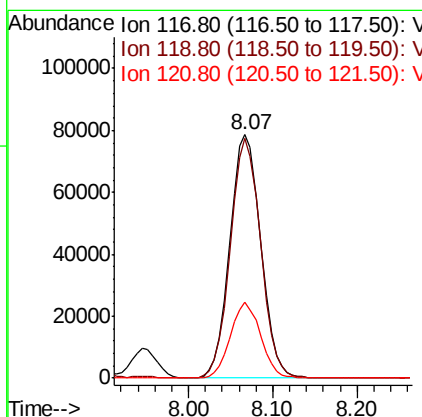
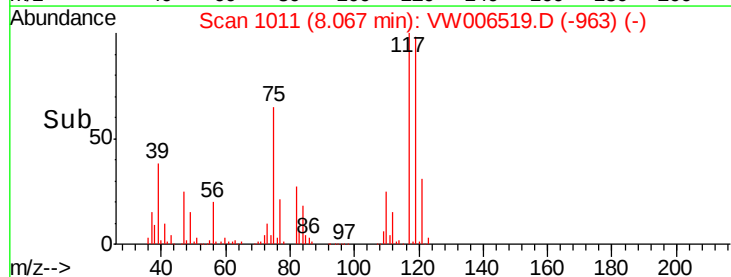
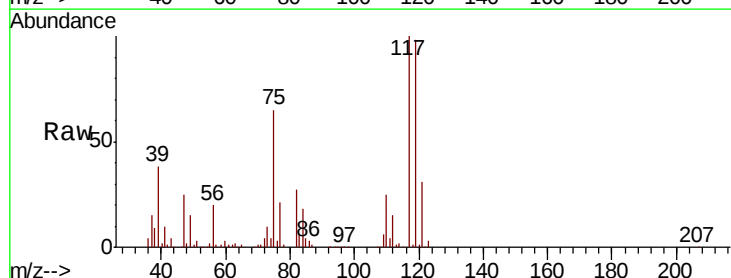
Manual Integrations
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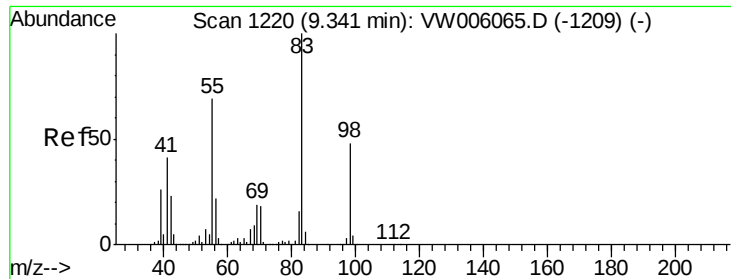
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11/1/2018 1:37:12 PM



#38
Carbon Tetrachloride
Concen: 58.649 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.2	112.8
121	31.0	25.3	37.9





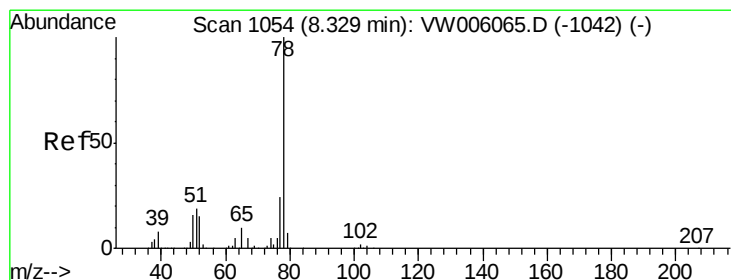
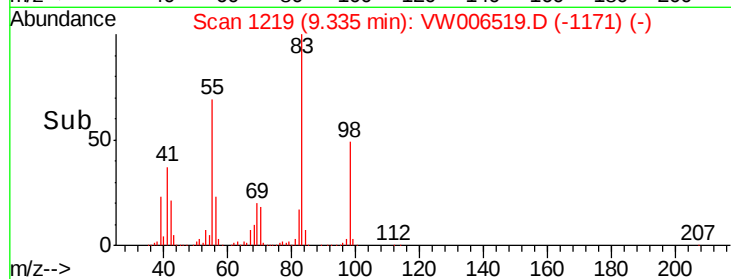
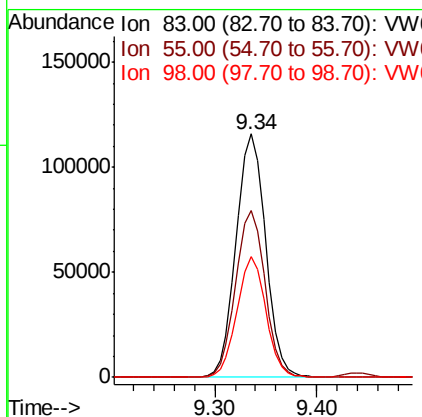
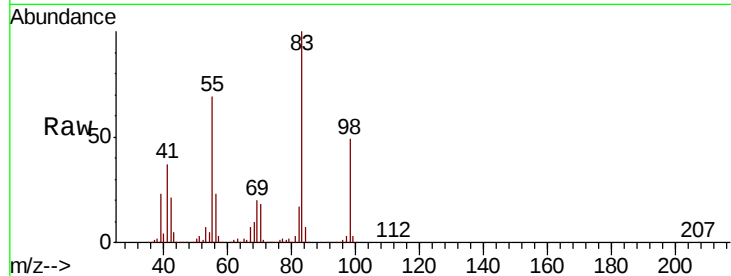
#39
Methylcyclohexane
Concen: 57.668 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.7	55.0	82.6
98	49.4	38.6	57.8

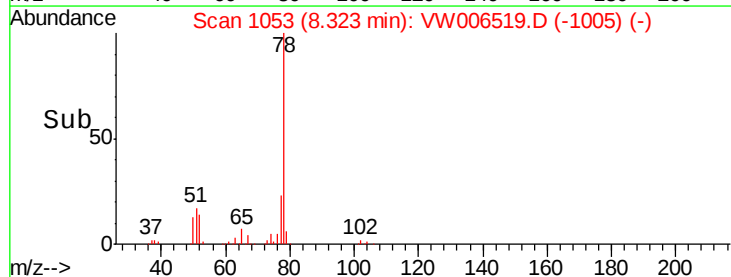
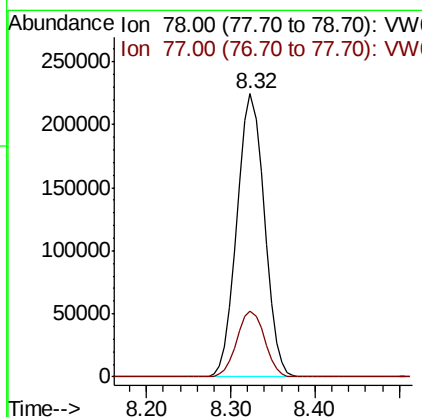
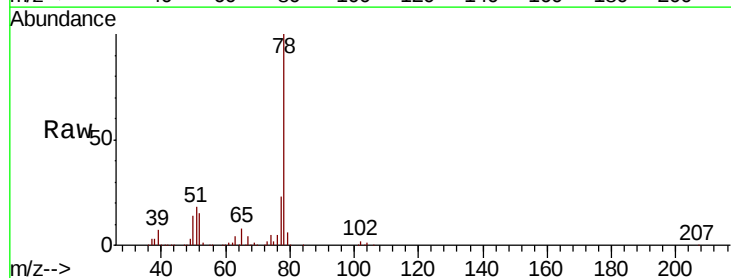
Manual Integrations
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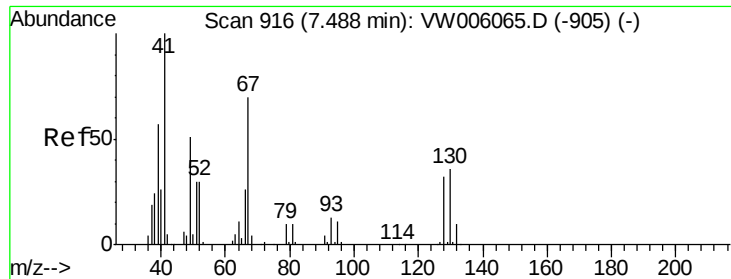
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#40
Benzene
Concen: 59.186 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0





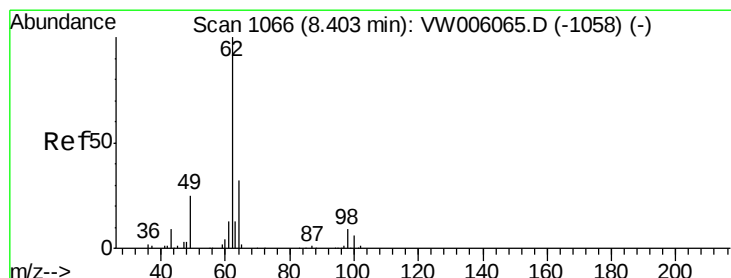
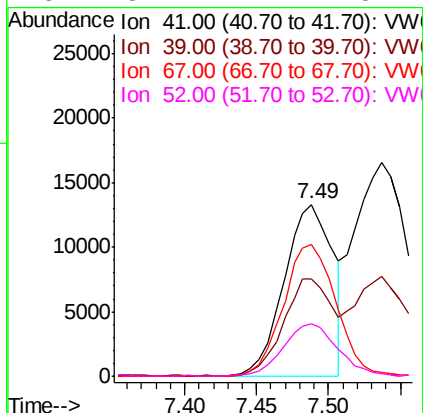
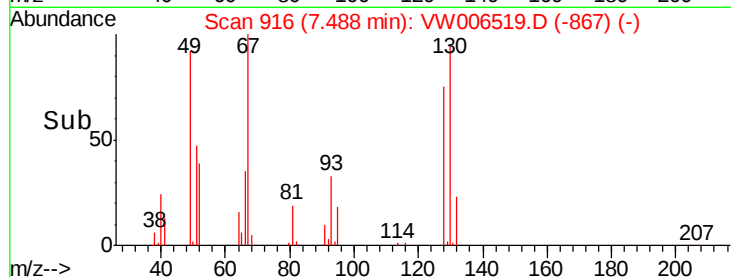
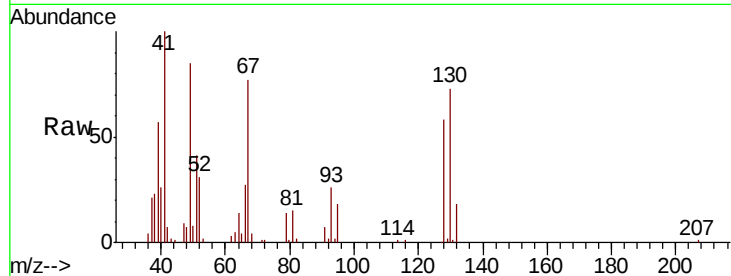
#41
Methacrylonitrile
Concen: 45.994 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.2	69.4
67	82.8	57.7	86.5
52	34.1	24.7	37.1

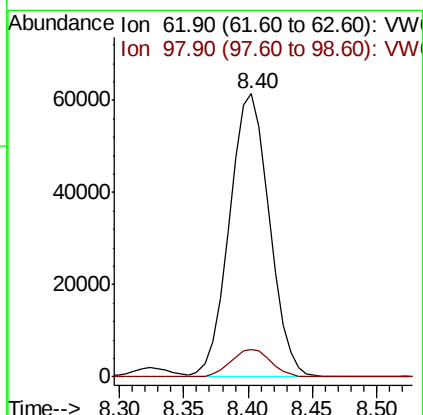
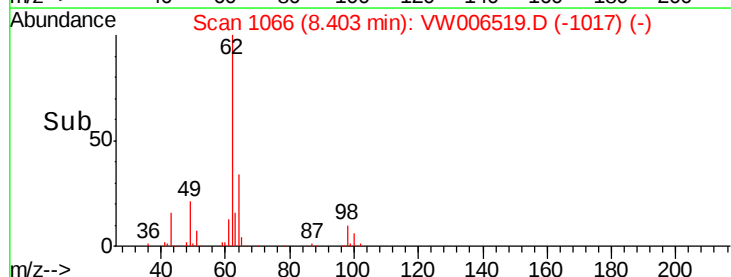
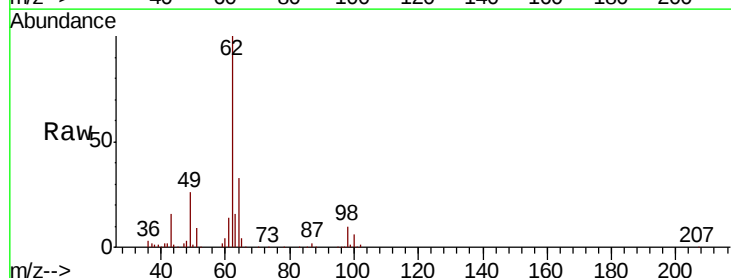
Manual Integrations
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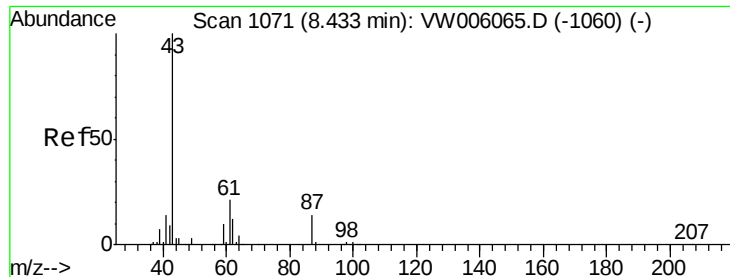
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#42
1,2-Dichloroethane
Concen: 54.096 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4





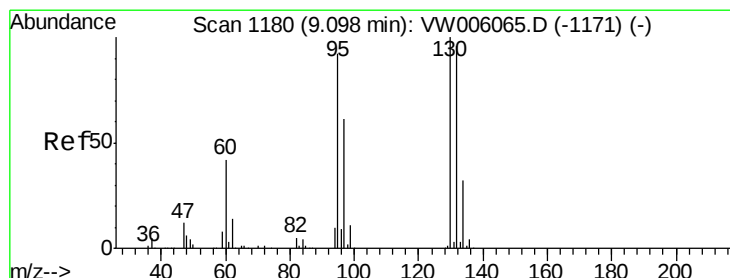
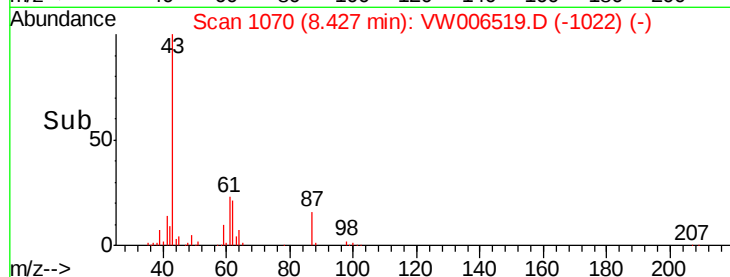
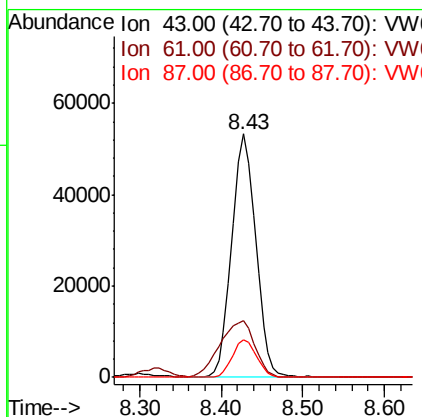
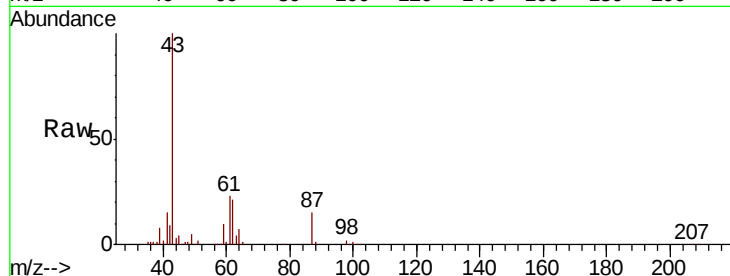
#43
Isopropyl Acetate
Concen: 46.735 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.8	25.5	38.3
87	15.6	11.7	17.5

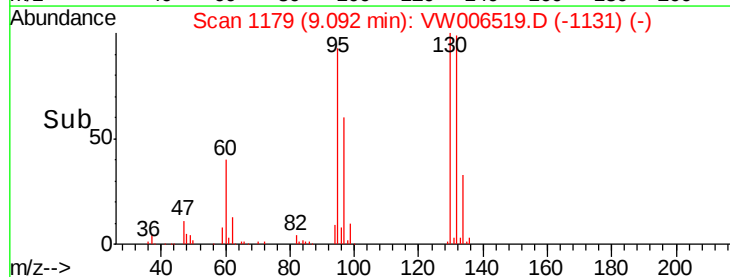
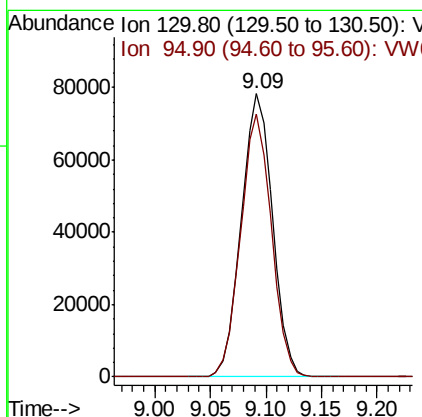
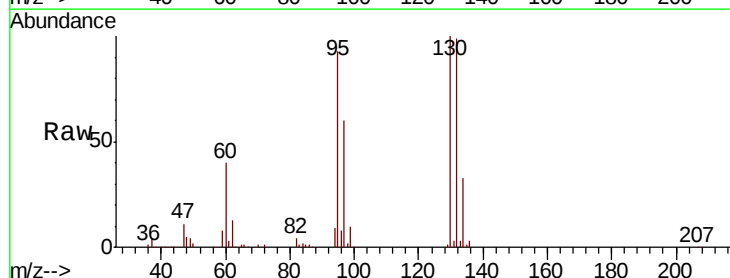
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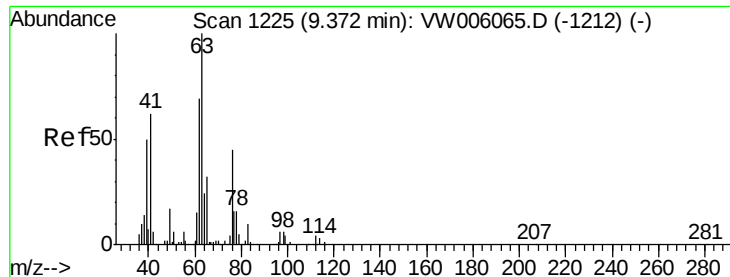
MMDadoda
11/1/2018 1:37:12 PM



#44
Trichloroethene
Concen: 59.529 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	183.2





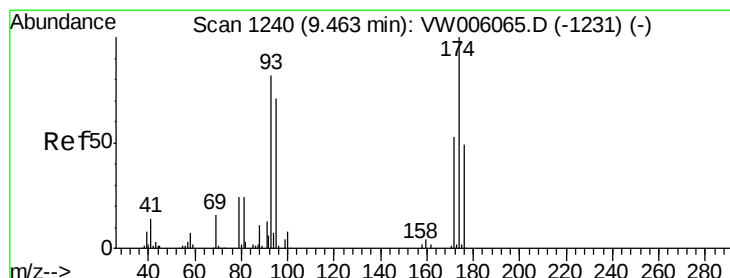
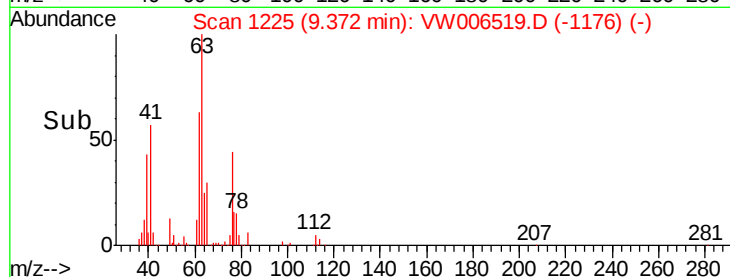
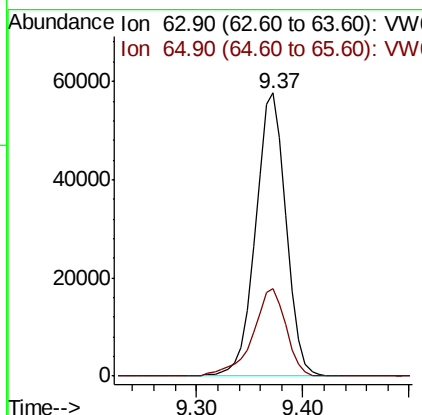
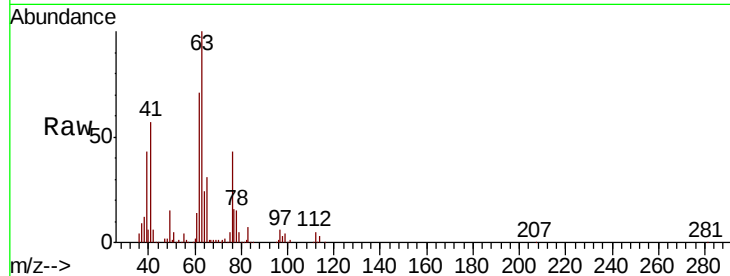
#45
 1,2-Dichloropropane
 Concen: 57.613 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 115086
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.4 38.0

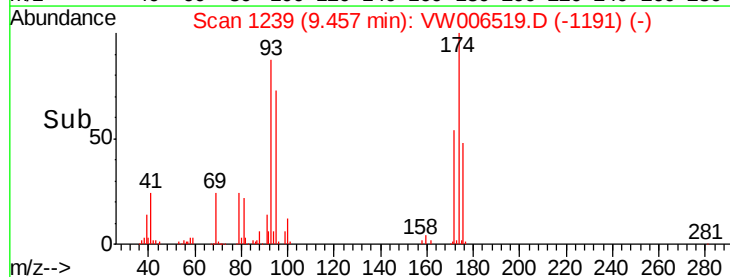
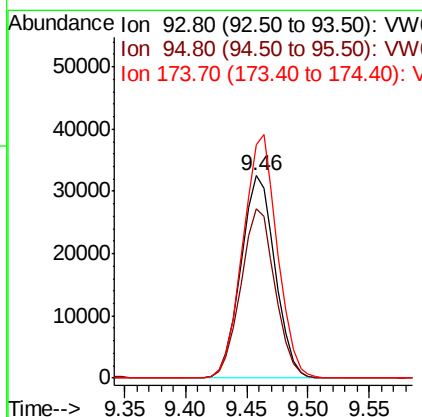
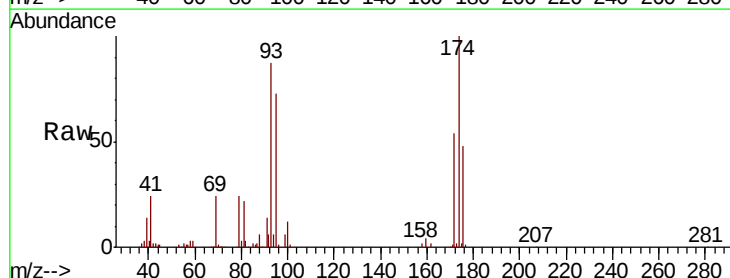
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#46
 Dibromomethane
 Concen: 55.564 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion: 93 Resp: 63261
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.7 101.5
 174 120.7 93.7 140.5





#47

Bromodichloromethane

Concen: 57.305 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

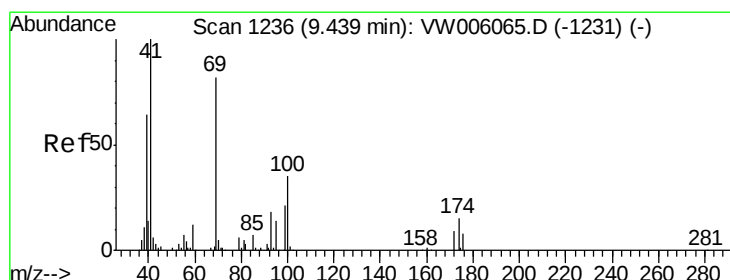
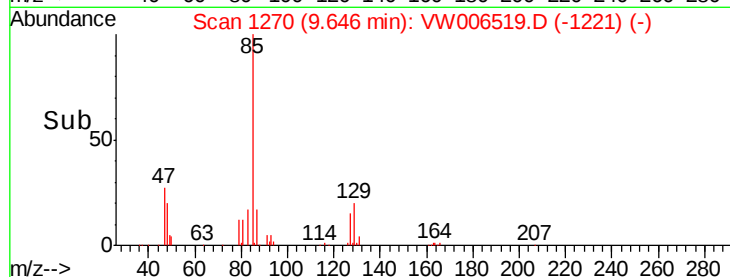
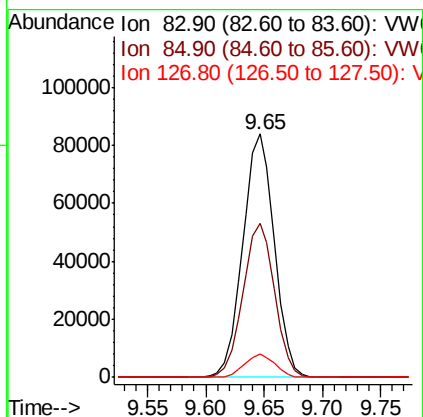
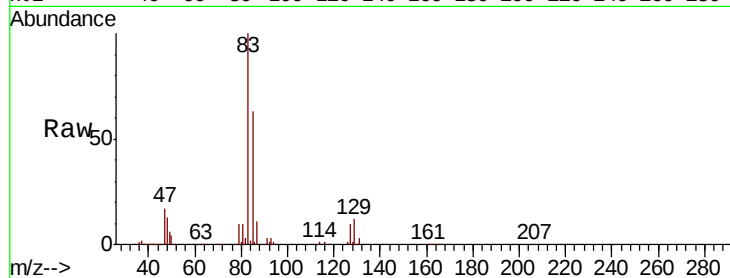
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	158180
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.8
127	9.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.660 ug/l

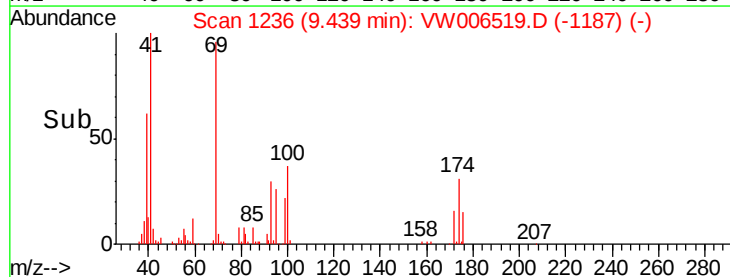
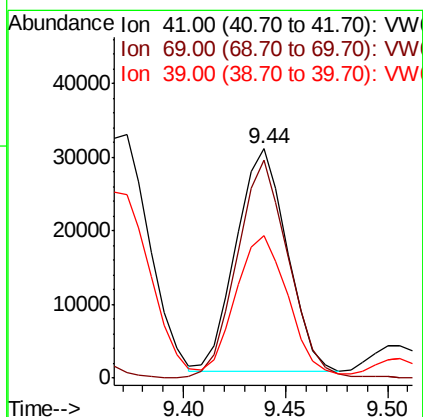
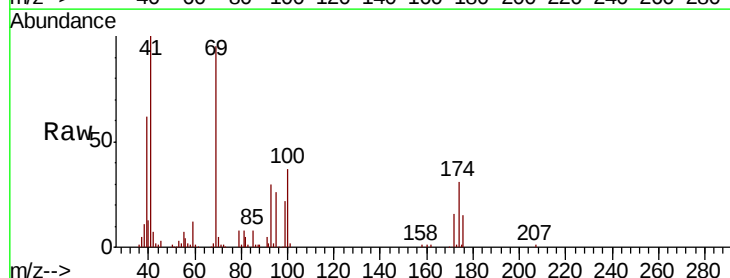
RT: 9.44 min Scan# 1236

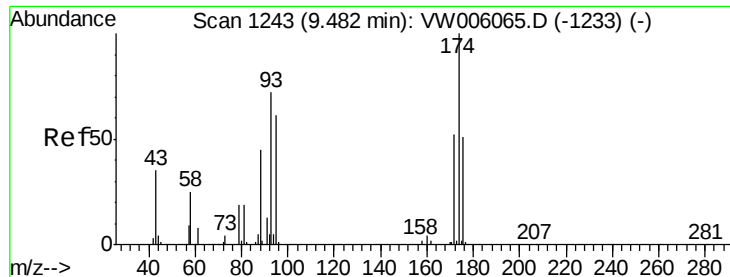
Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion:	41	Resp:	52228
Ion	Ratio	Lower	Upper
41	100		
69	99.8	71.8	107.8
39	62.6	52.5	78.7





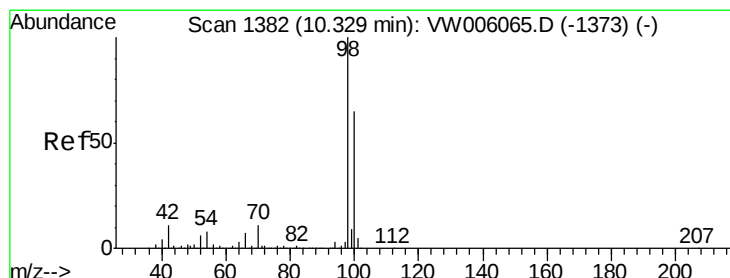
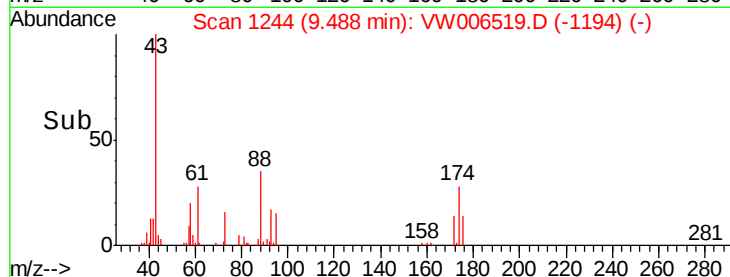
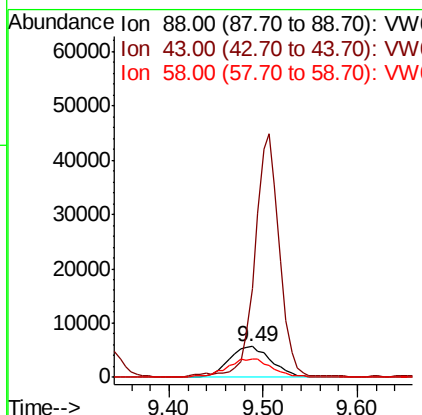
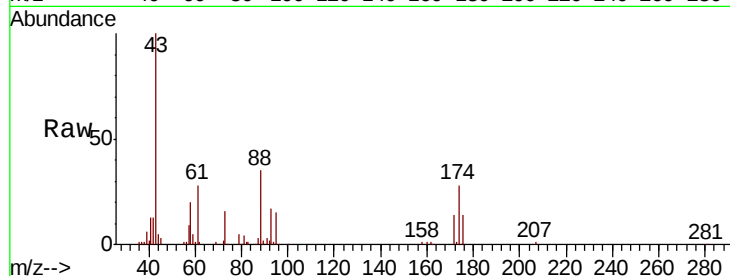
#49
1,4-Dioxane
Concen: 1008.890 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	63.5	51.2	76.8

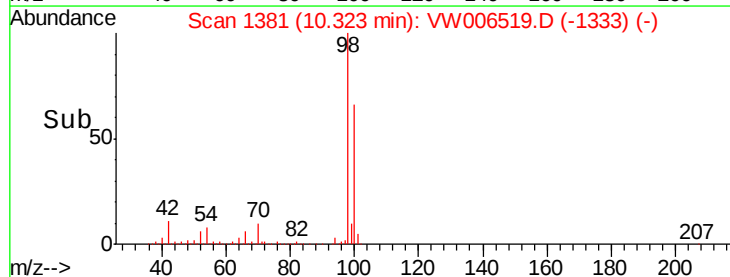
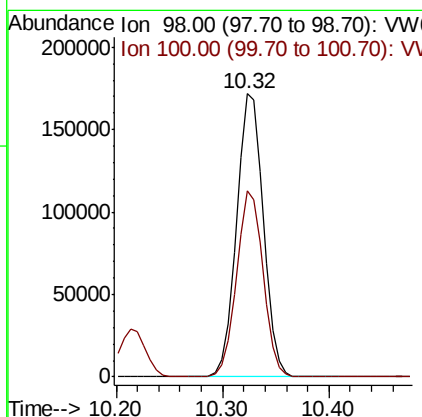
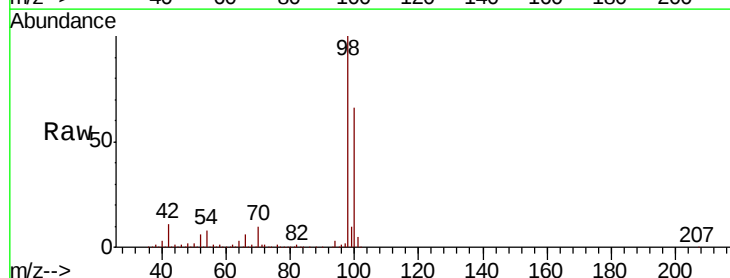
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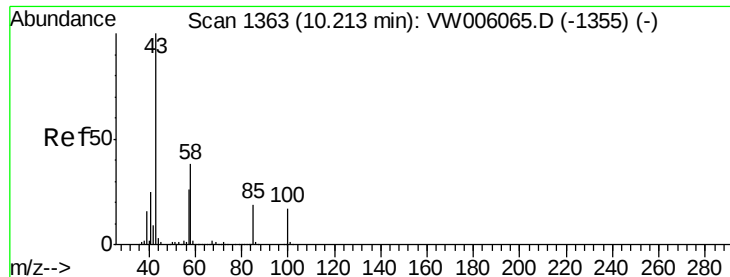
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#50
Toluene-d8
Concen: 40.869 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 233.460 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 270420

Ion Ratio Lower Upper

43 100

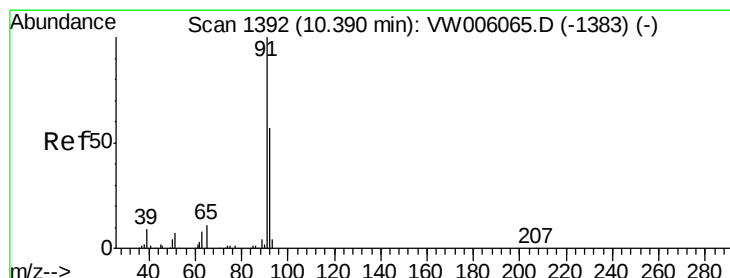
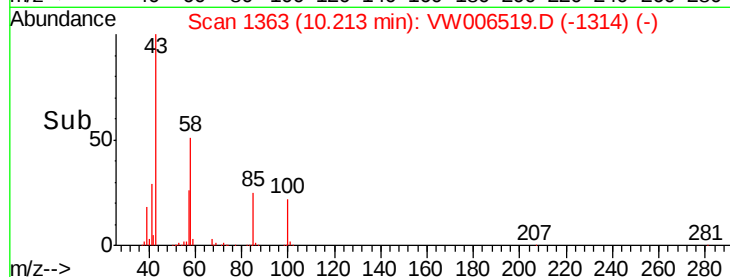
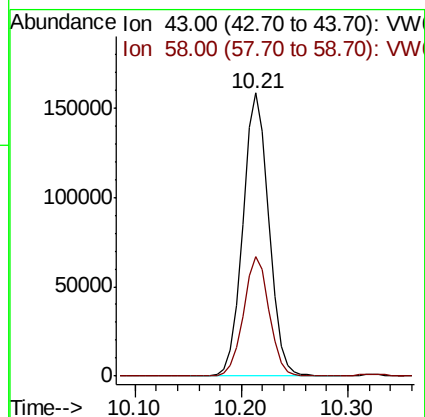
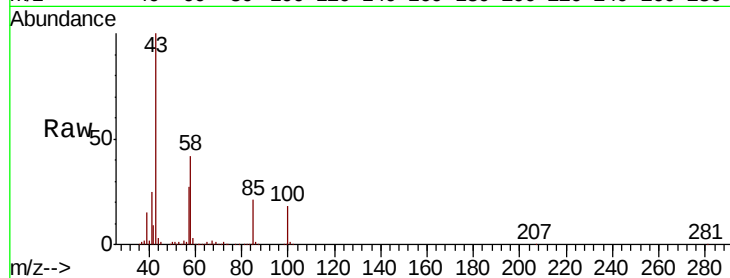
58 41.7 31.5 47.3

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#52

Toluene

Concen: 58.633 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006519.D

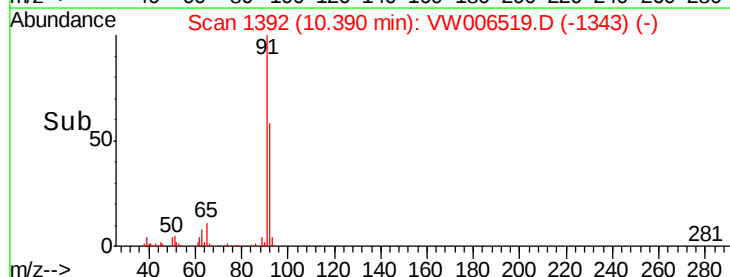
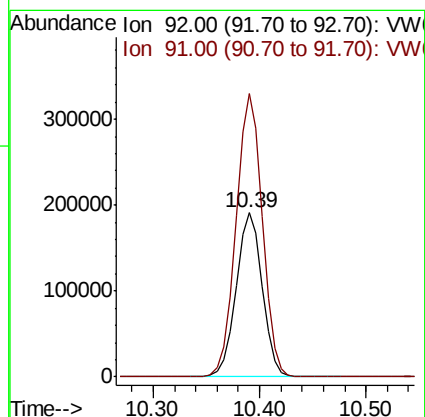
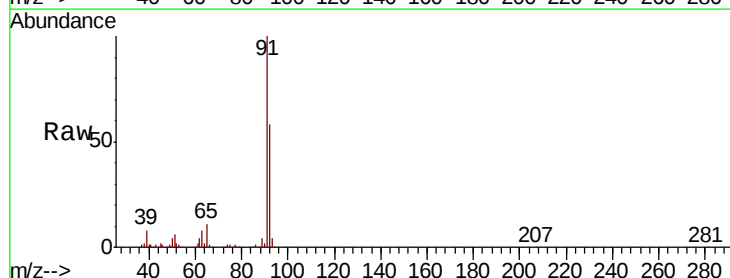
Acq: 31 Oct 2018 11:51

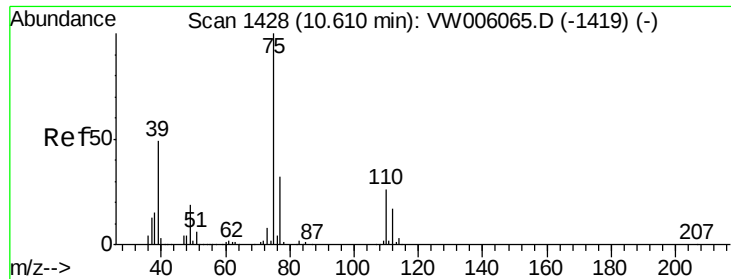
Tgt Ion: 92 Resp: 328147

Ion Ratio Lower Upper

92 100

91 173.8 140.0 210.0





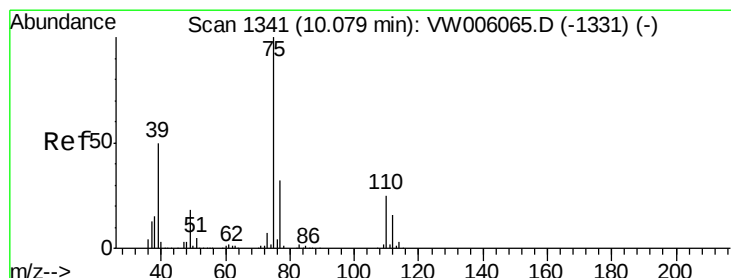
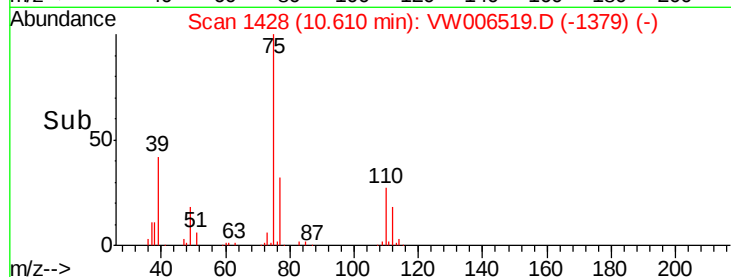
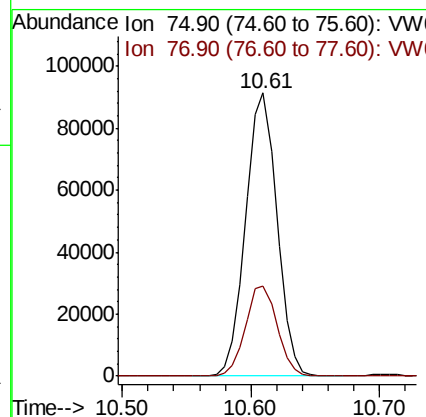
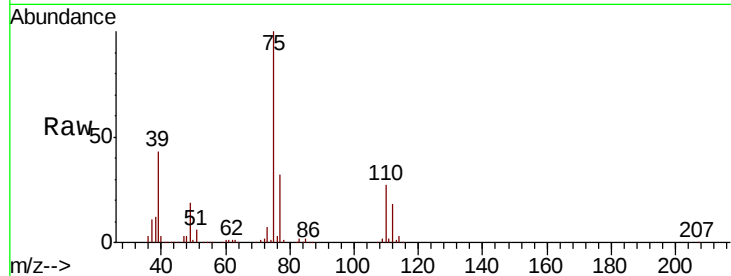
#53
 t-1,3-Dichloropropene
 Concen: 55.815 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 153500
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

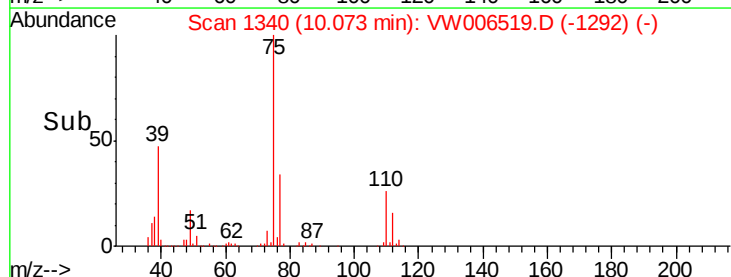
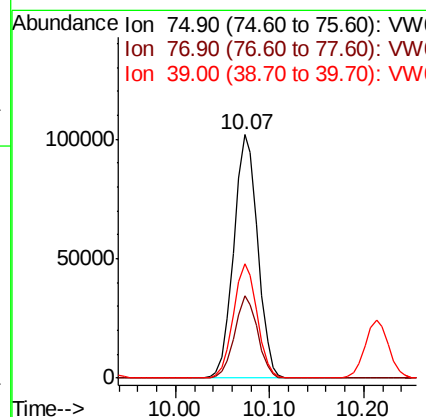
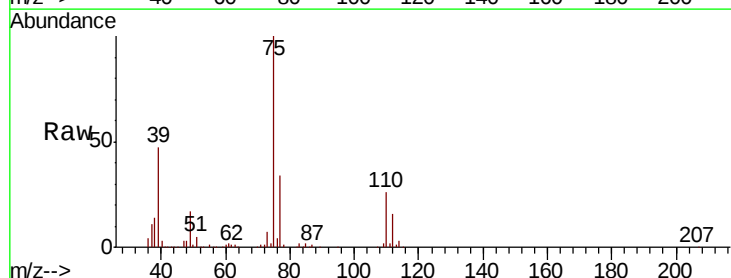
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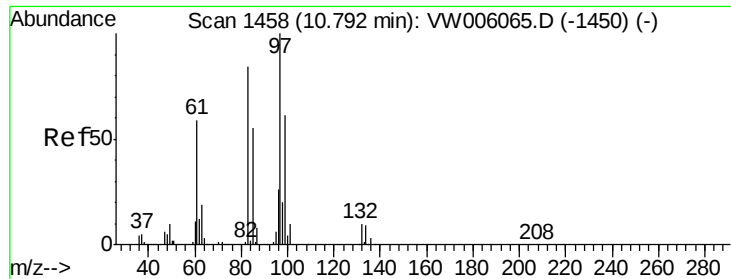
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#54
 cis-1,3-Dichloropropene
 Concen: 56.755 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion: 75 Resp: 179136
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.2 37.8
 39 47.2 39.9 59.9





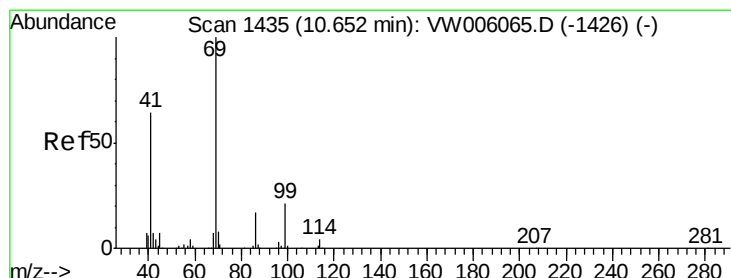
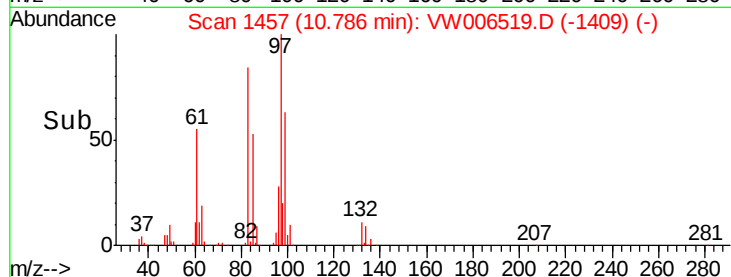
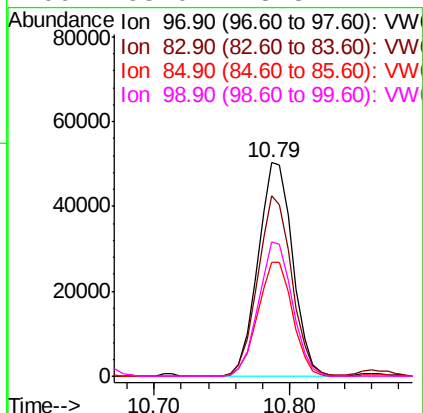
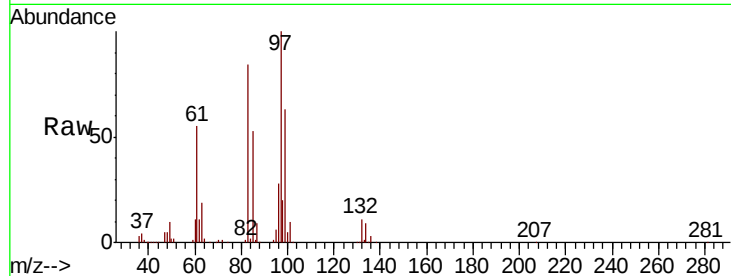
#55
 1,1,2-Trichloroethane
 Concen: 56.611 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.2	100.8
85	53.4	43.7	65.5
99	63.0	48.5	72.7

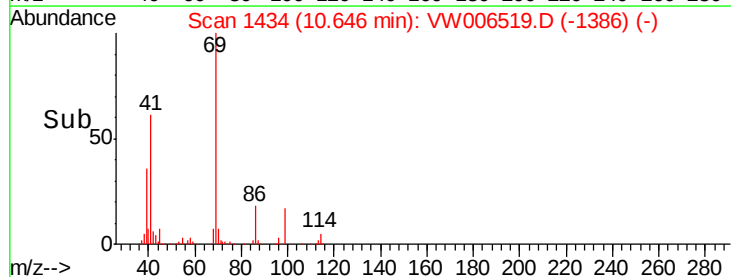
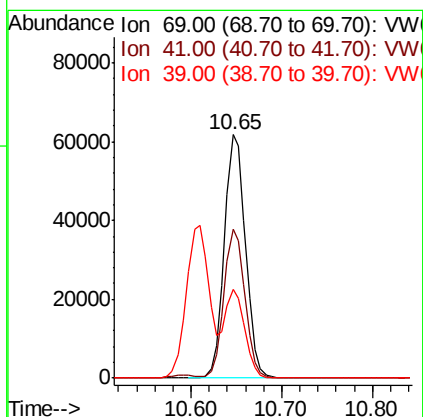
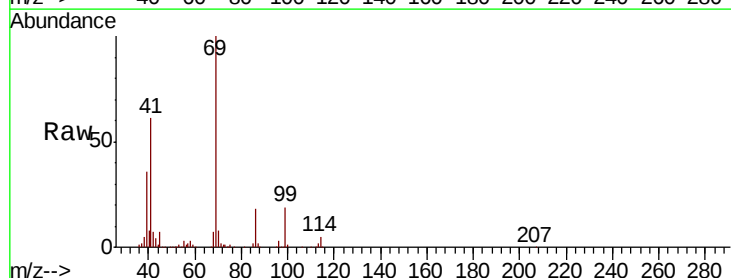
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#56
 Ethyl methacrylate
 Concen: 51.461 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.6	52.8	79.2
39	34.9	30.6	45.8





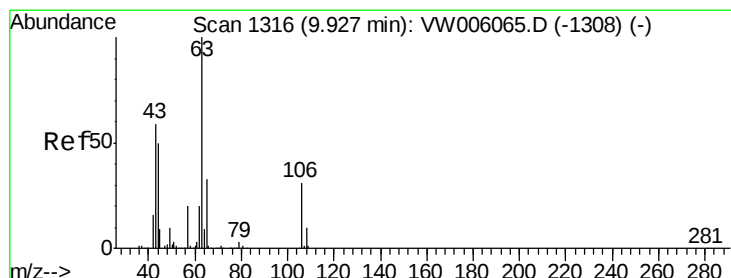
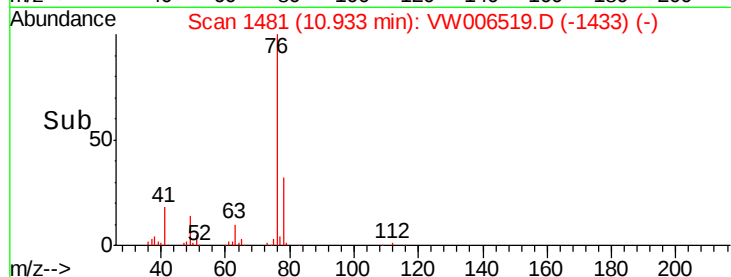
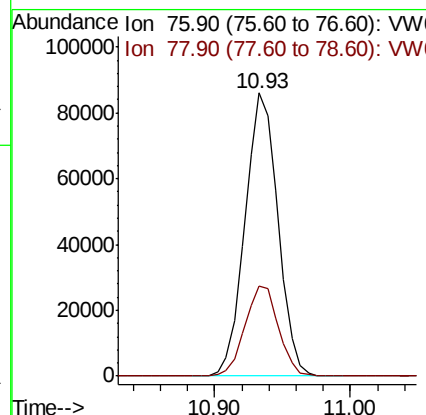
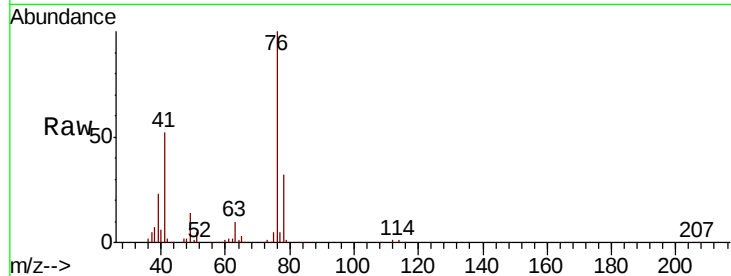
#57
 1,3-Dichloropropane
 Concen: 55.243 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 145700
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9

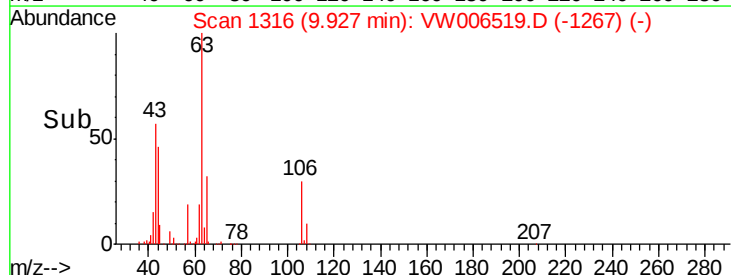
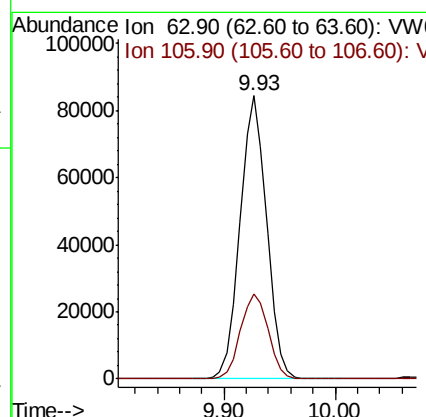
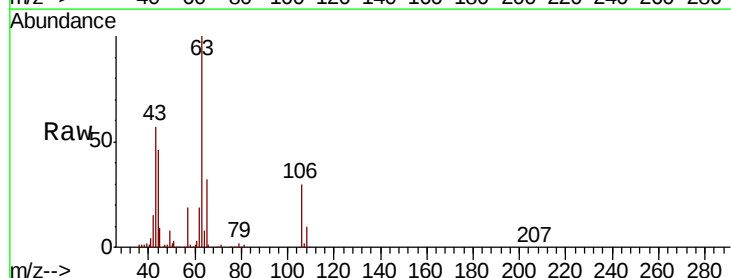
Manual Integrations
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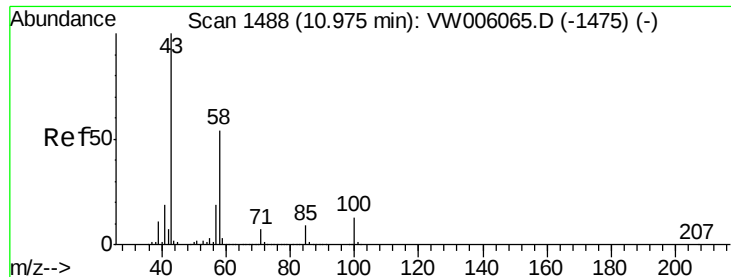
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#58
 2-Chloroethyl Vinyl ether
 Concen: 186.670 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion: 63 Resp: 139318
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.5 36.7





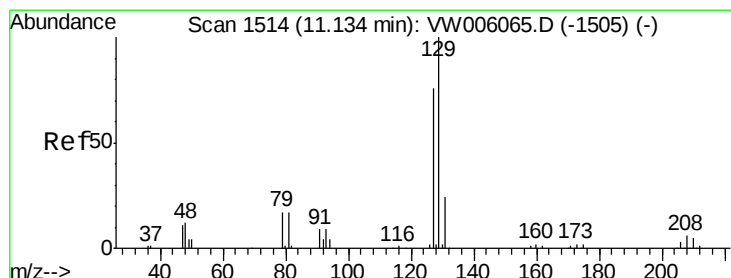
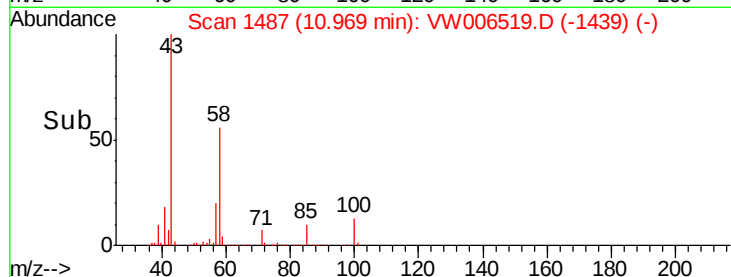
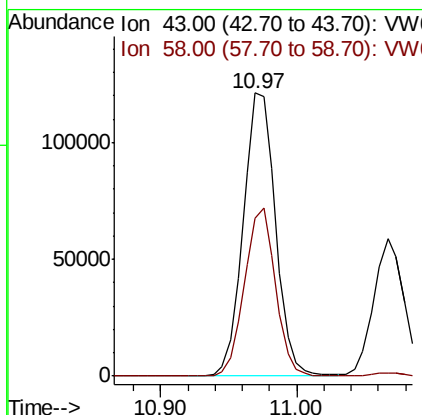
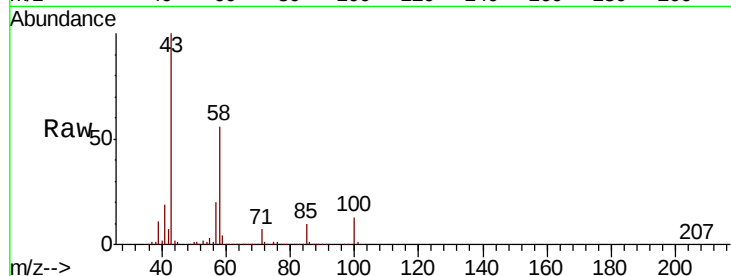
#59
2-Hexanone
Concen: 244.322 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 202017
Ion Ratio Lower Upper
43 100
58 57.1 26.9 80.6

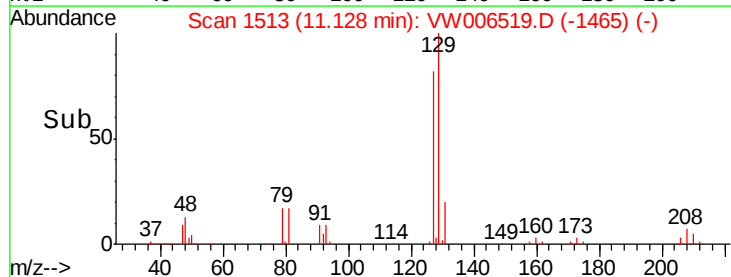
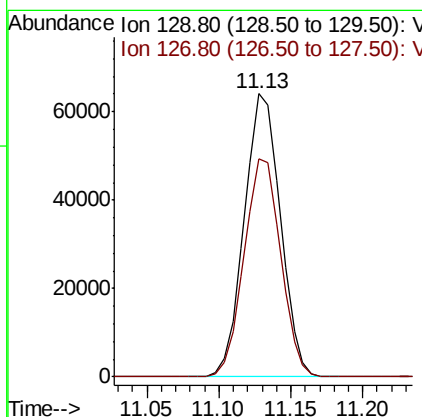
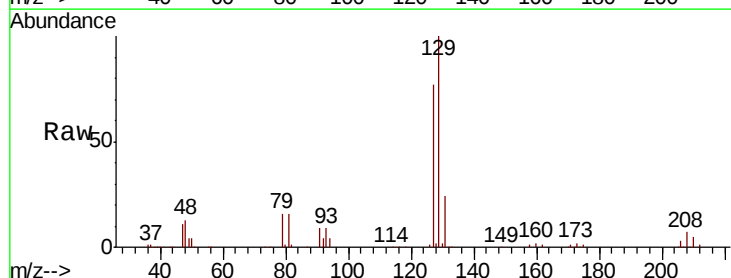
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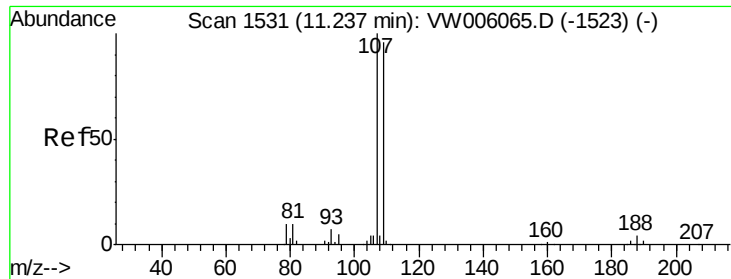
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#60
Dibromochloromethane
Concen: 56.219 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion: 129 Resp: 111568
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





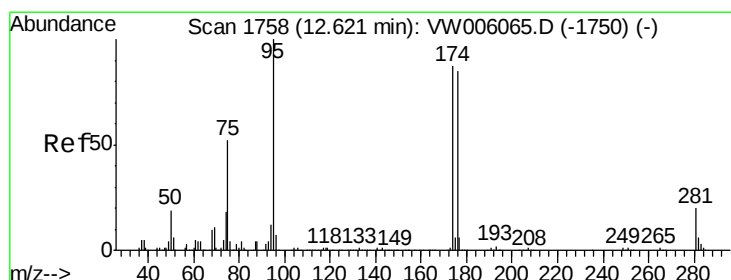
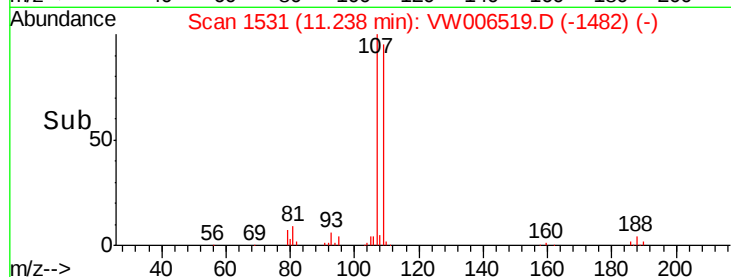
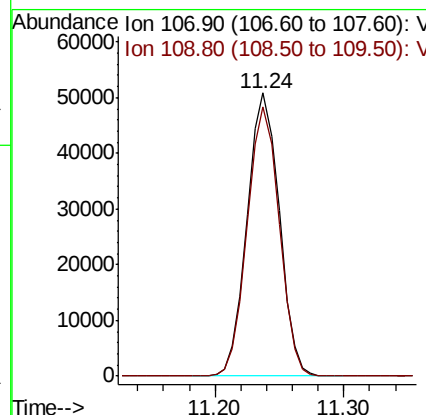
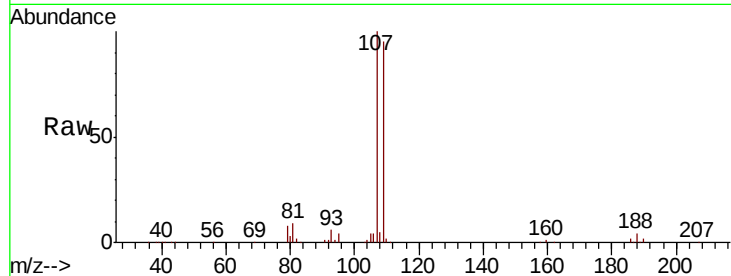
#61
 1,2-Dibromoethane
 Concen: 55.067 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 87663
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.3 114.5

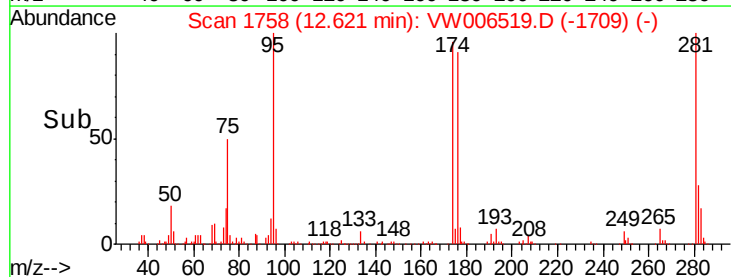
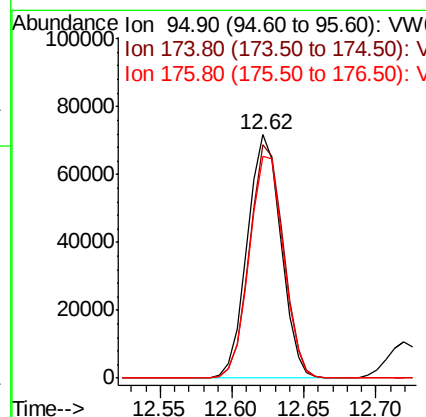
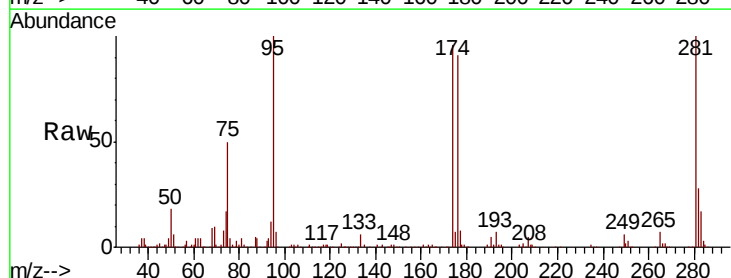
Manual Integrations
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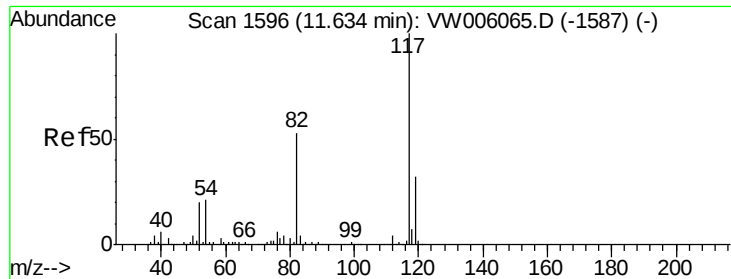
MMDadoda
 11/1/2018 1:37:12 PM



#62
 4-Bromofluorobenzene
 Concen: 41.480 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion: 95 Resp: 115638
 Ion Ratio Lower Upper
 95 100
 174 96.3 0.0 186.0
 176 93.0 0.0 181.6





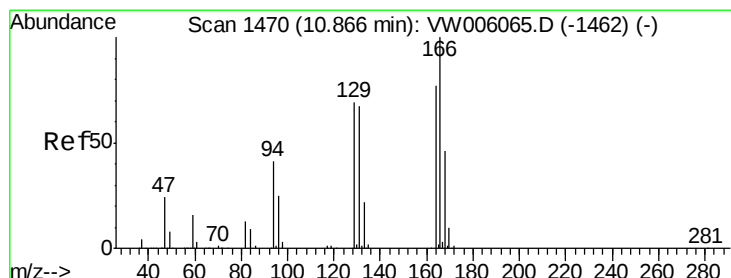
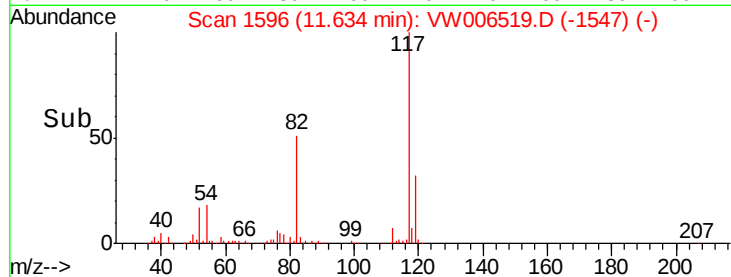
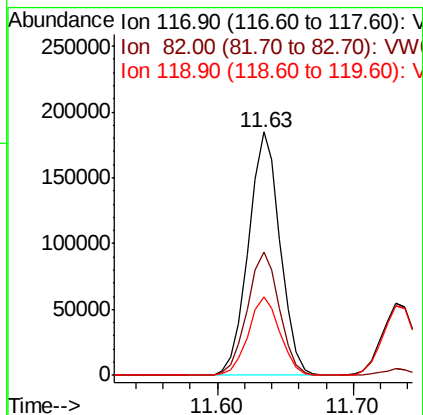
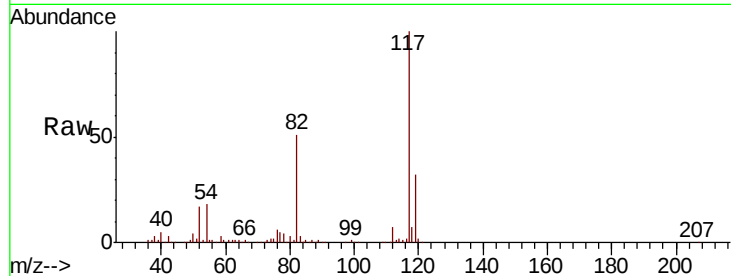
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	50.6	42.1	63.1
119	32.1	25.8	38.6

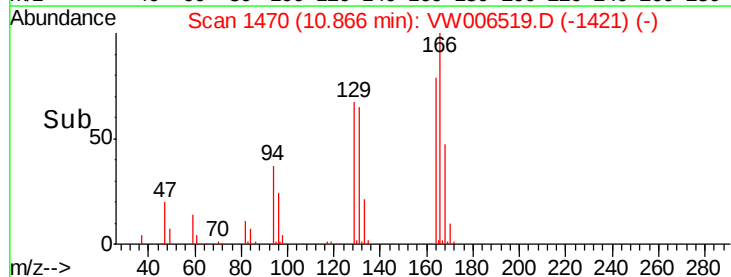
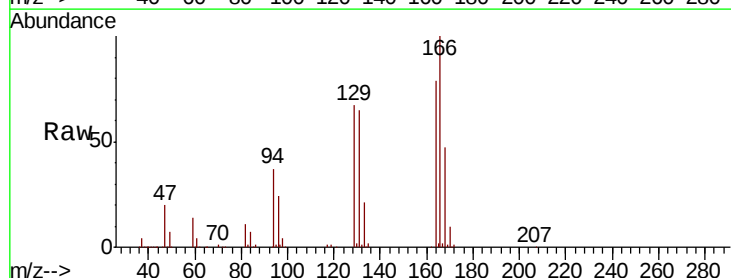
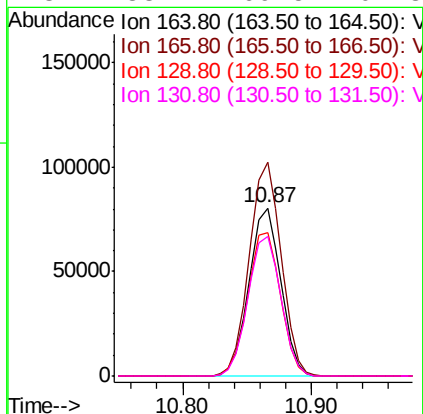
Manual Integrations
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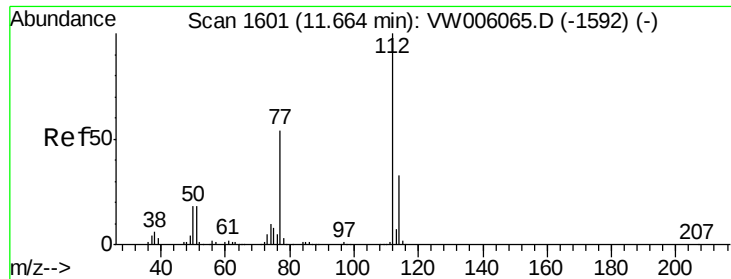
MMDadoda
11/1/2018 1:37:12 PM



#64
Tetrachloroethene
Concen: 58.774 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	127.0	103.4	155.0
129	85.3	71.8	107.8
131	83.1	69.5	104.3





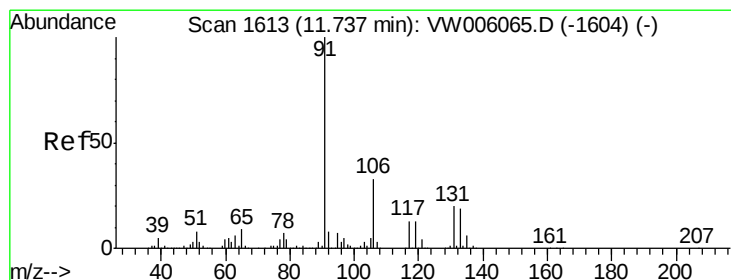
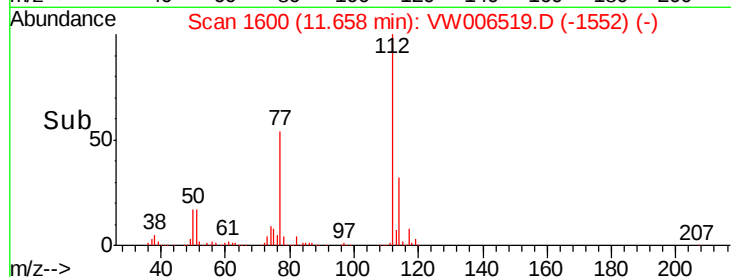
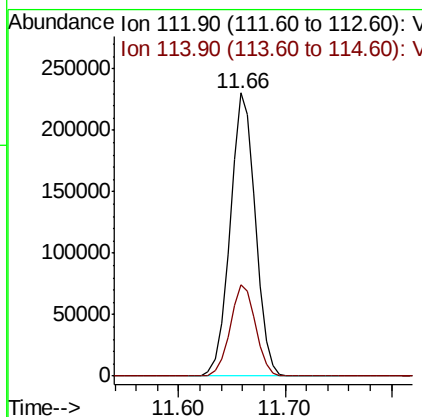
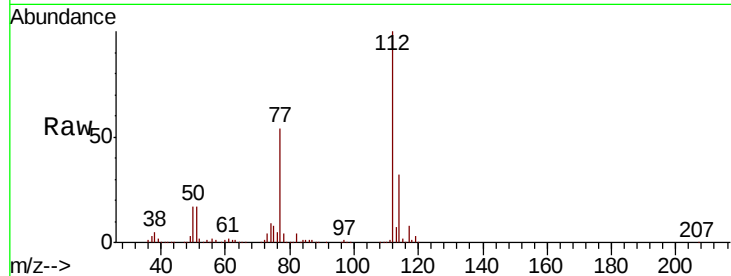
#65
Chlorobenzene
Concen: 59.101 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 380698
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

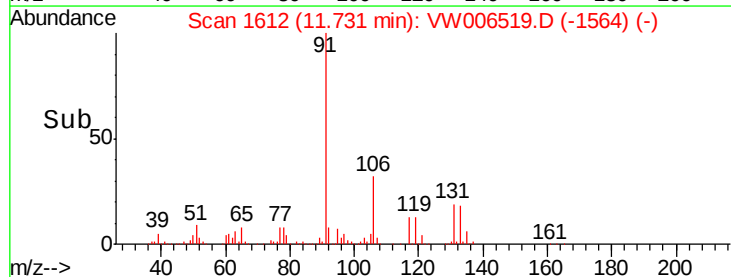
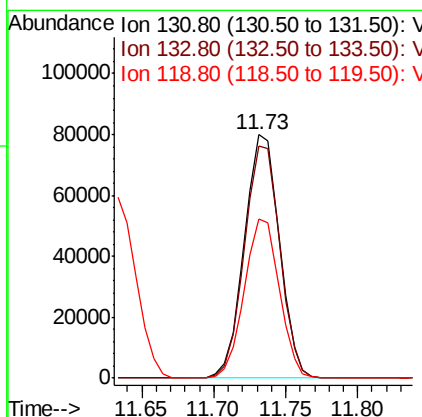
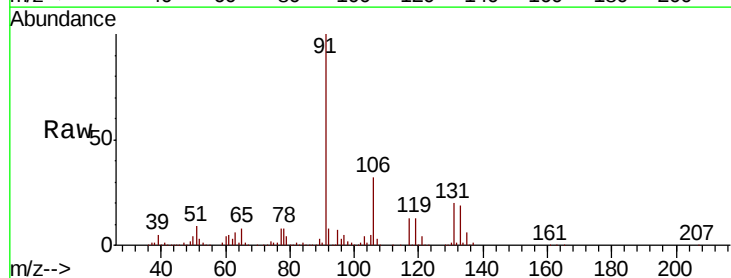
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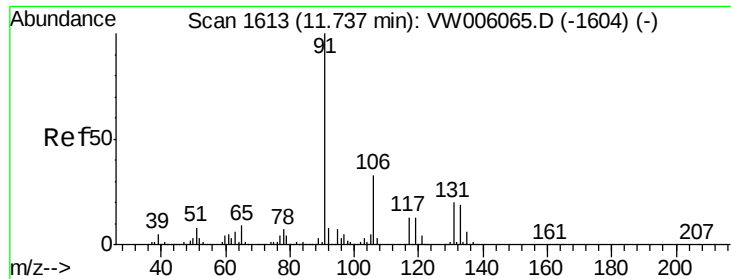
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.127 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion:131 Resp: 135353
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 64.9 31.6 94.7





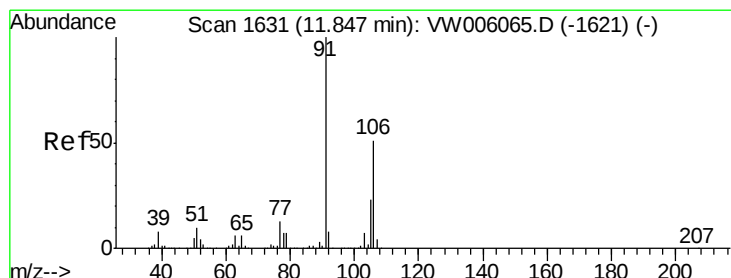
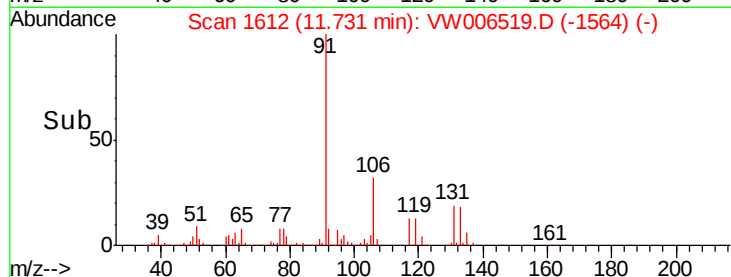
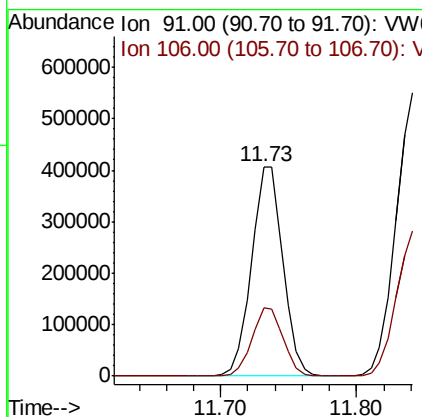
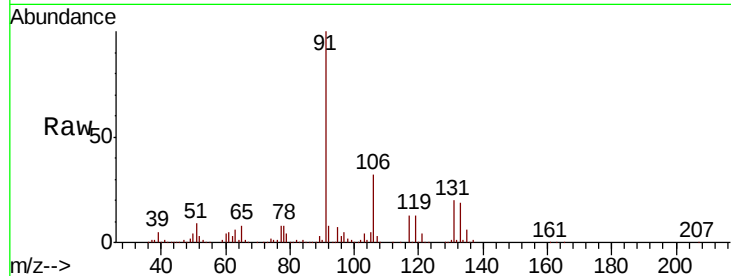
#67
Ethyl Benzene
Concen: 58.996 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 658589
Ion Ratio Lower Upper
91 100
106 32.4 26.1 39.1

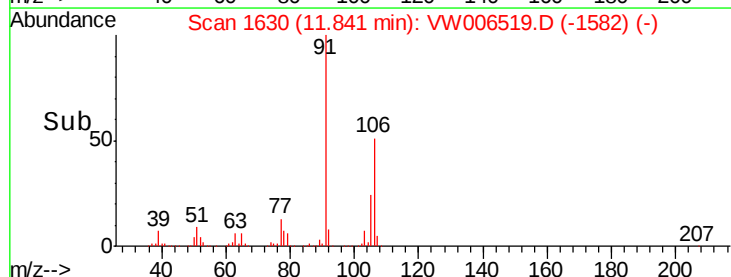
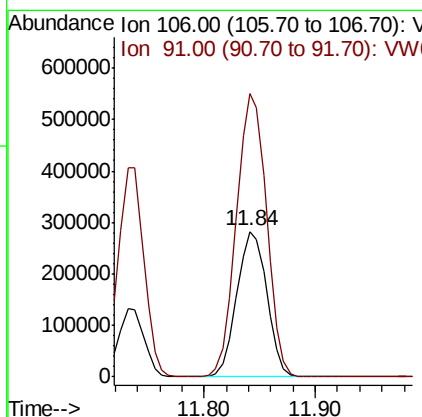
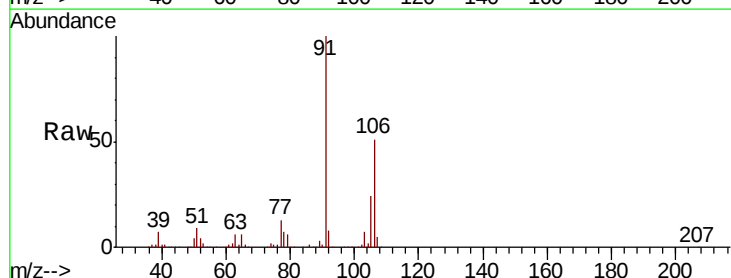
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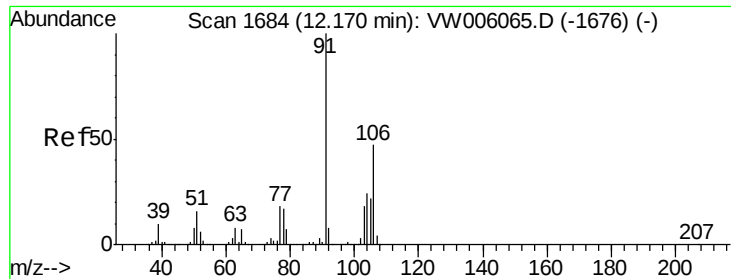
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11/1/2018 1:37:12 PM



#68
m/p-Xylenes
Concen: 119.652 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion: 106 Resp: 527946
Ion Ratio Lower Upper
106 100
91 195.6 159.1 238.7





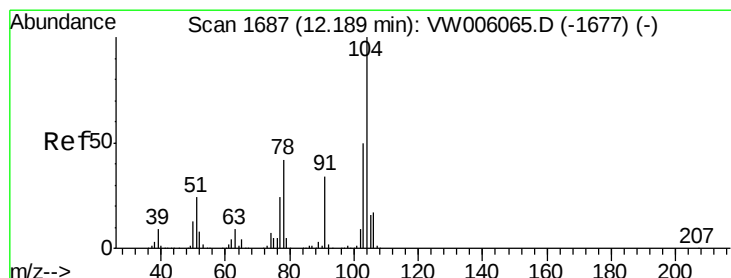
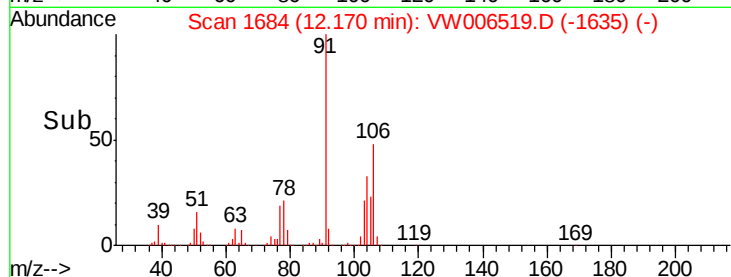
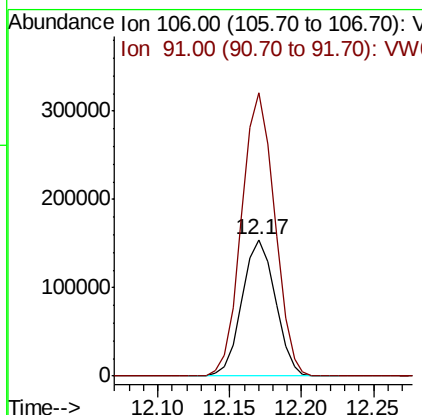
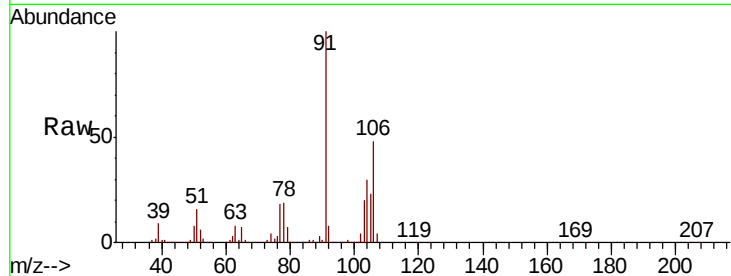
#69
o-Xylene
Concen: 58.889 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 247633
Ion Ratio Lower Upper
106 100
91 206.9 105.4 316.1

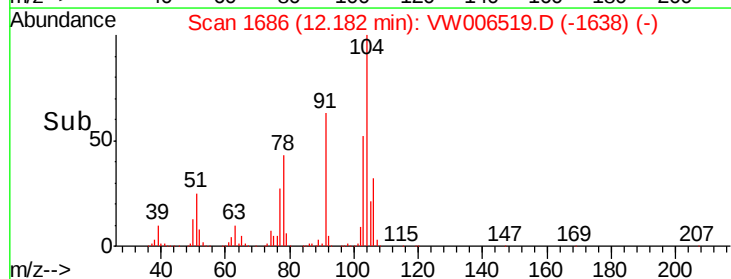
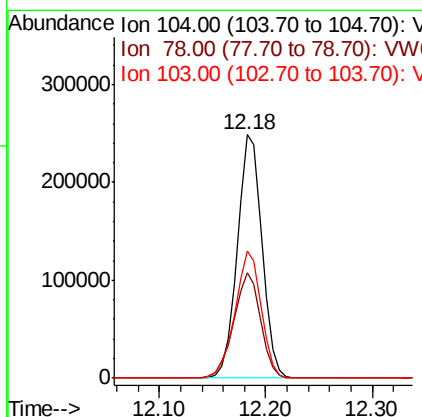
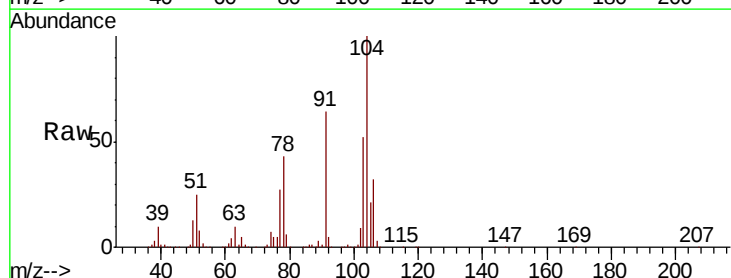
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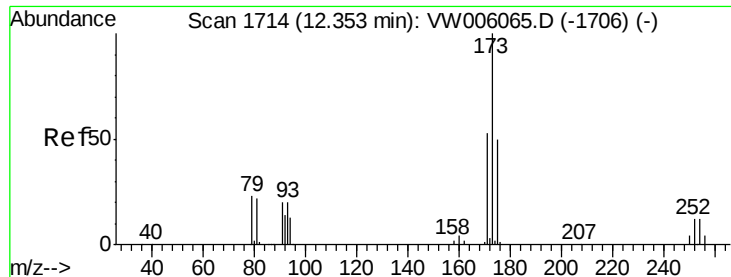
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#70
Styrene
Concen: 59.282 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion:104 Resp: 405376
Ion Ratio Lower Upper
104 100
78 46.9 39.1 58.7
103 55.3 44.3 66.5





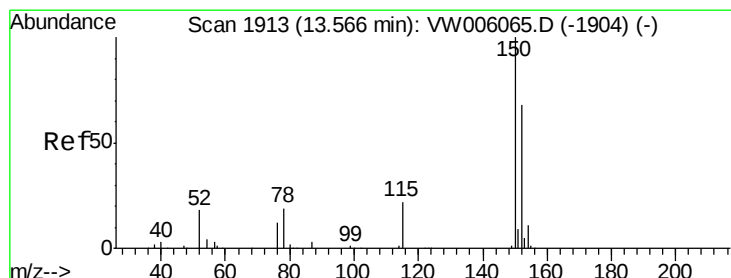
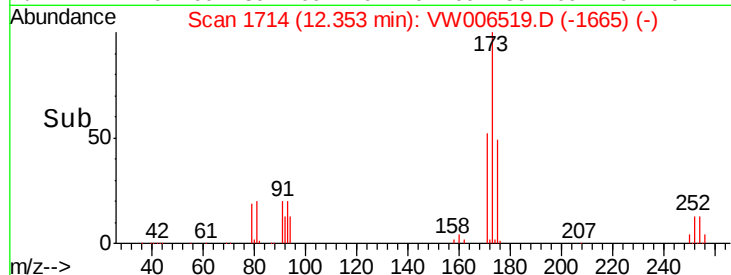
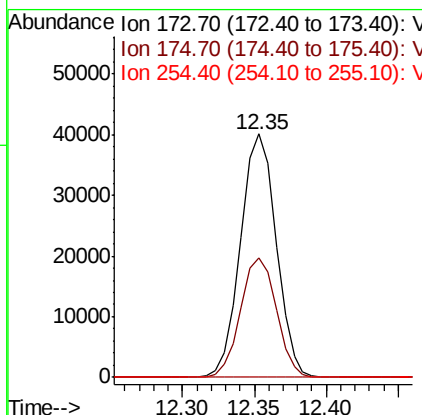
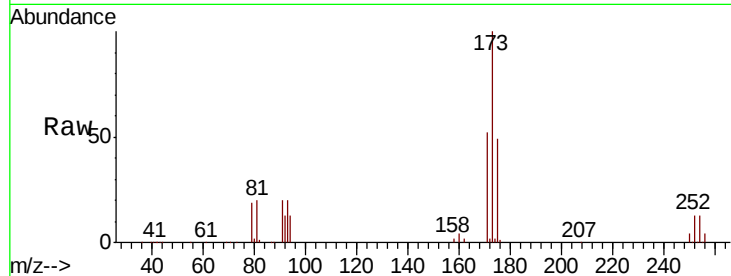
#71
Bromoform
Concen: 53.986 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 68932
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.2 0.1 0.1#

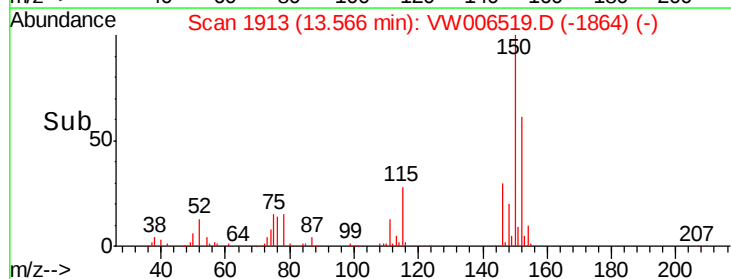
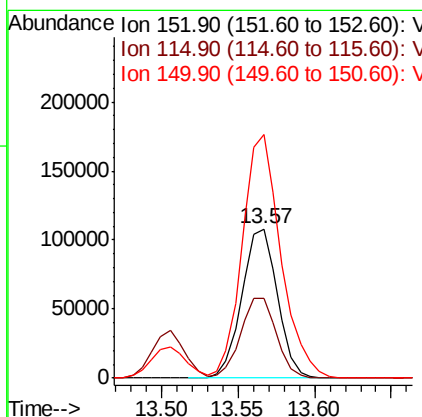
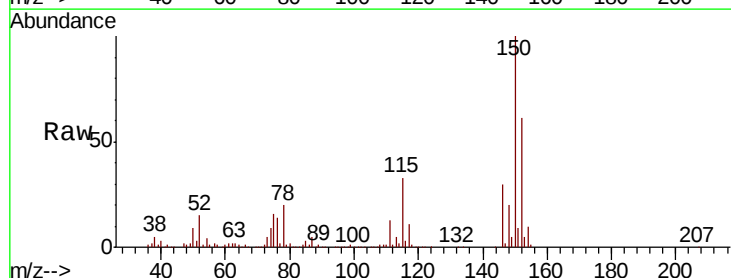
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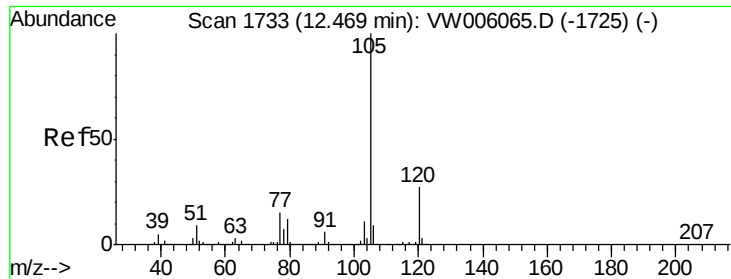
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion:152 Resp: 174028
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 177.3 0.0 349.2





#73

Isopropylbenzene

Concen: 57.419 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 705947

Ion Ratio Lower Upper

105 100

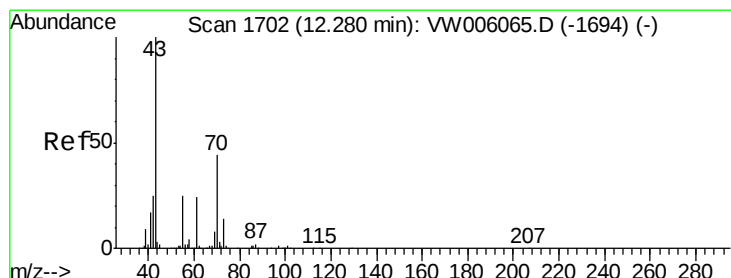
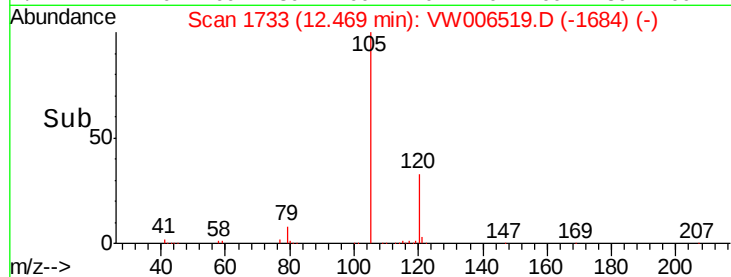
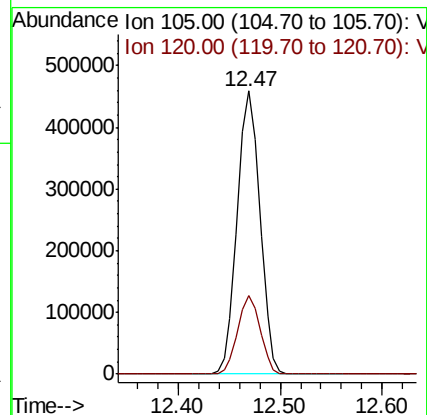
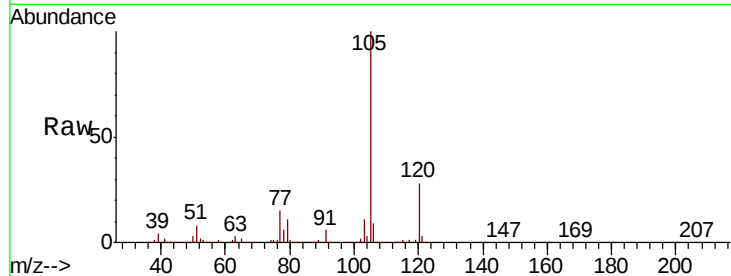
120 27.6 13.6 40.7

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#74

N-ethyl acetate

Concen: 44.976 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion: 43 Resp: 107401

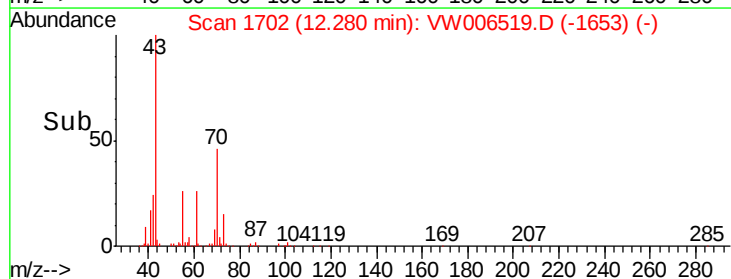
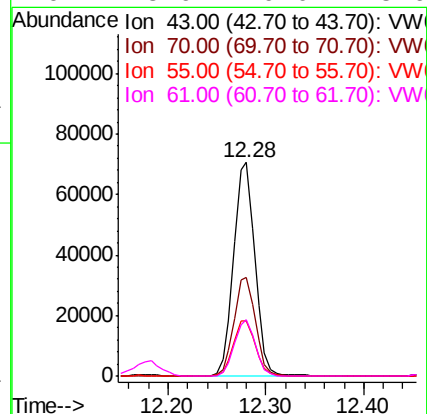
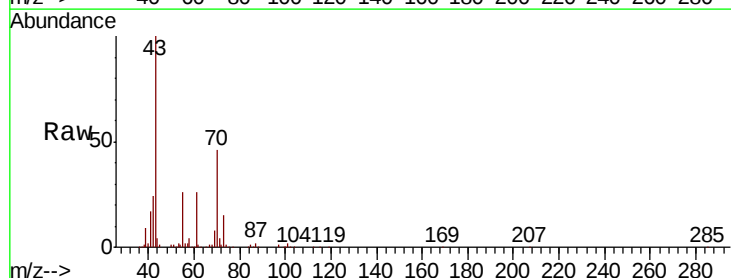
Ion Ratio Lower Upper

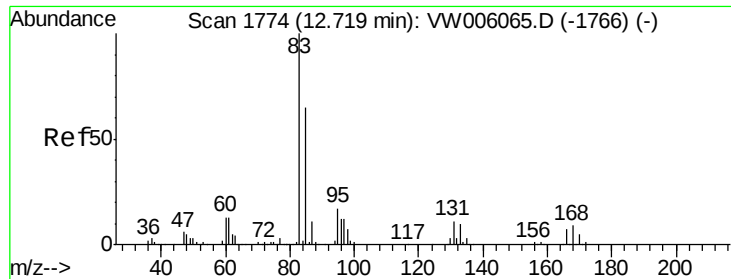
43 100

70 46.4 34.2 51.4

55 26.5 19.2 28.8

61 25.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.860 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

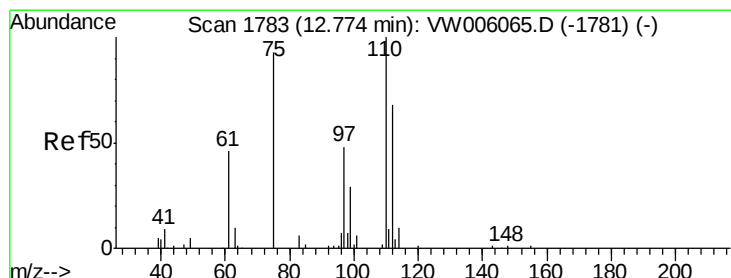
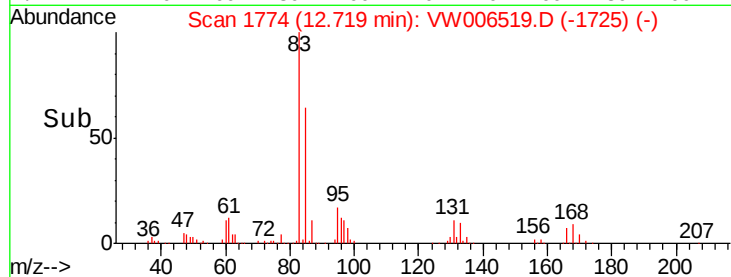
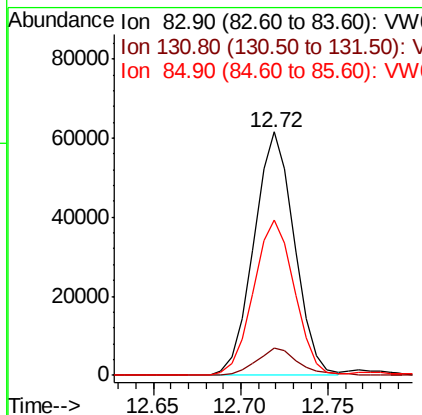
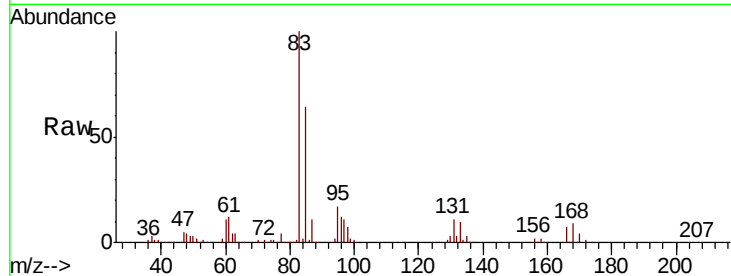
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	98846
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.7
85	64.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 45.432 ug/l m

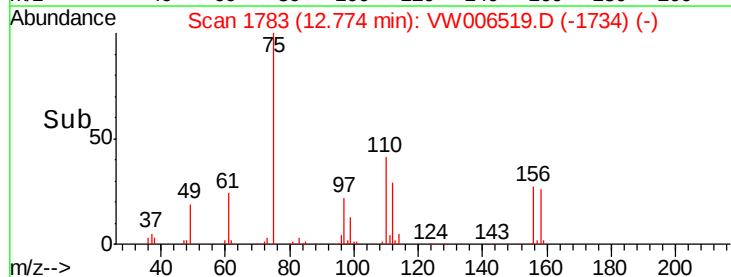
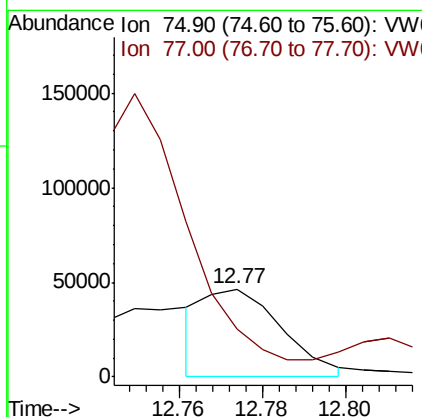
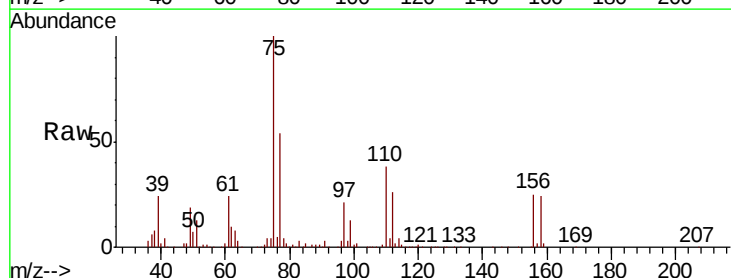
RT: 12.77 min Scan# 1783

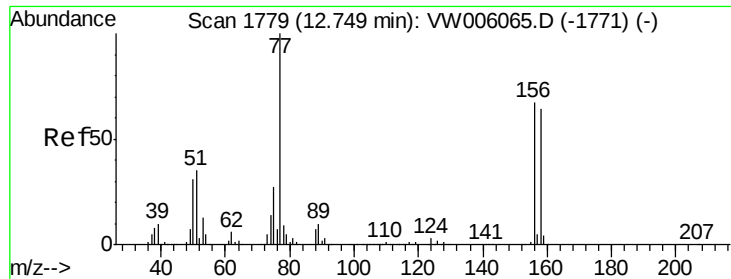
Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion:	75	Resp:	60390
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.739 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Instrument :

MSVOA_W

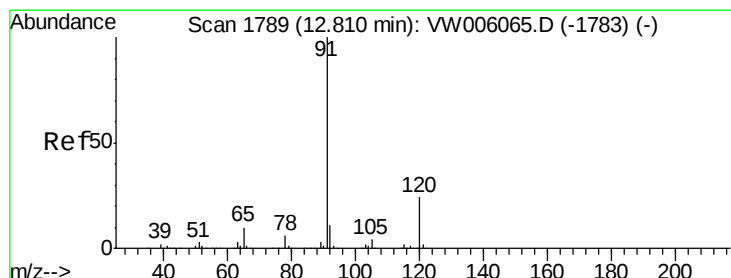
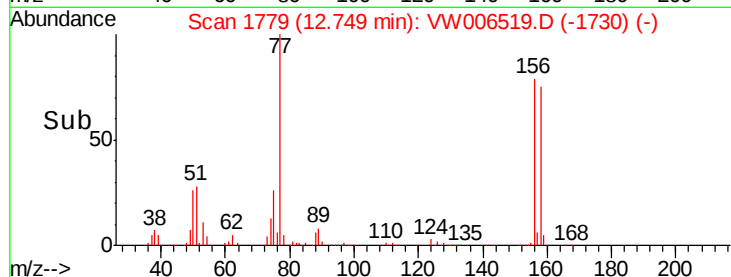
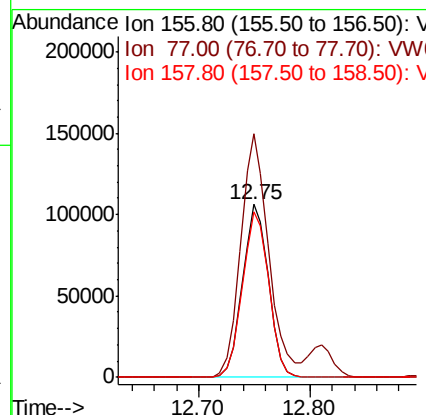
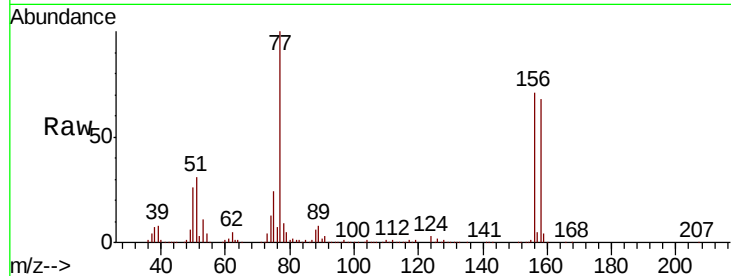
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	170859
Ion Ratio	Lower	Upper	
156	100		
77	152.9	79.1	237.4
158	97.2	48.5	145.6

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#78

n-propylbenzene

Concen: 57.879 ug/l

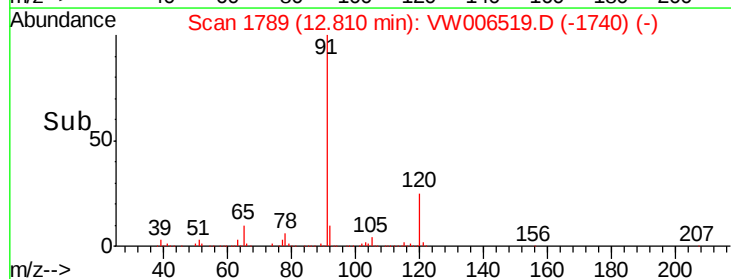
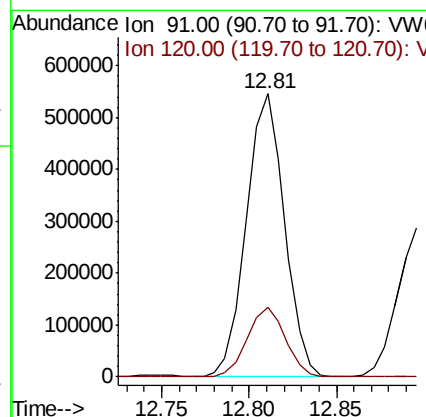
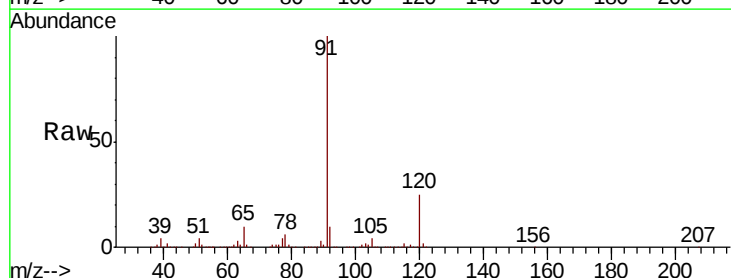
RT: 12.81 min Scan# 1789

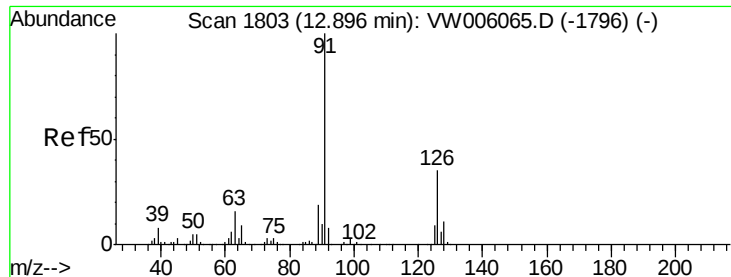
Delta R.T. 0.00 min

Lab File: VW006519.D

Acq: 31 Oct 2018 11:51

Tgt Ion:	91	Resp:	827886
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.2	36.6





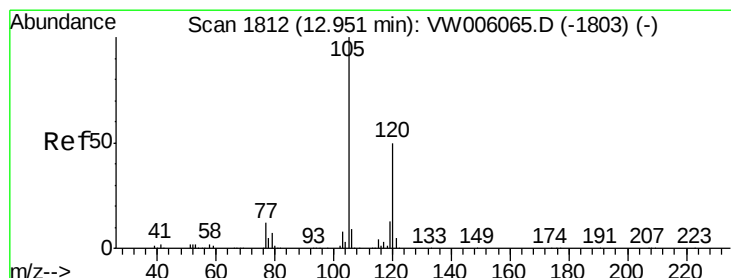
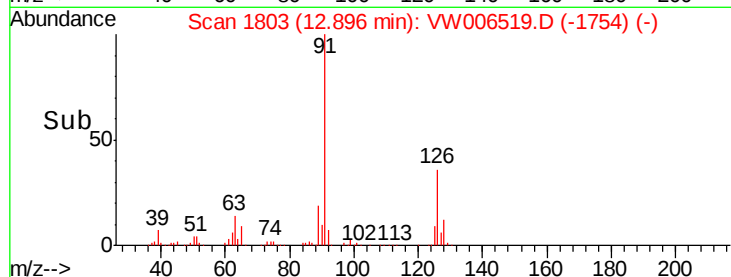
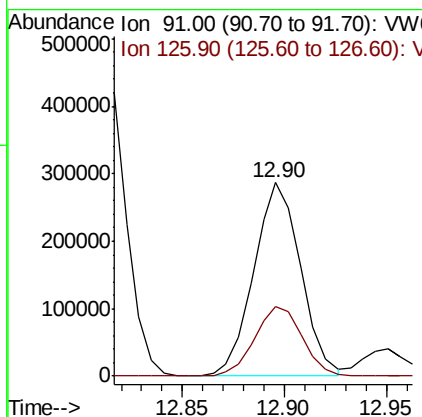
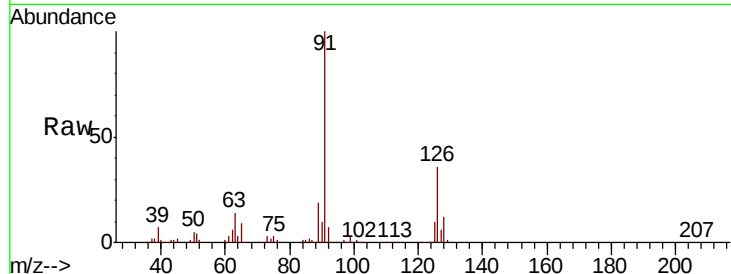
#79
 2-Chlorotoluene
 Concen: 56.885 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 457163
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.9 53.8

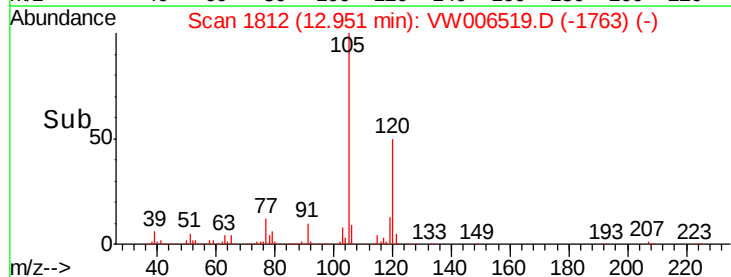
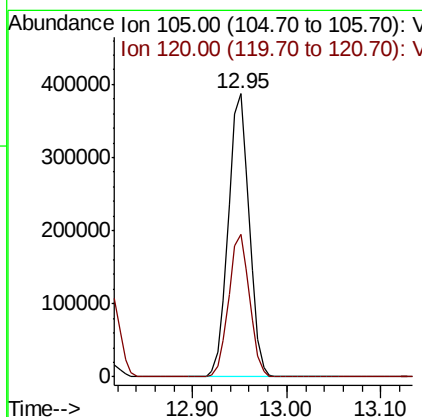
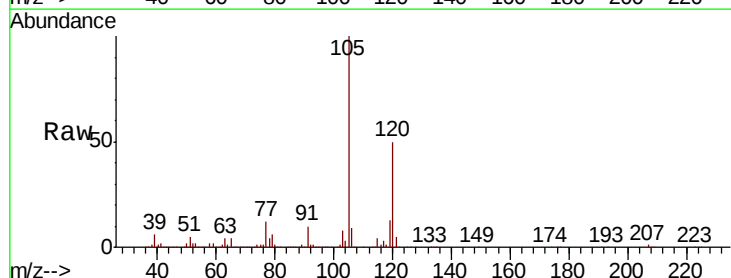
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#80
 1,3,5-Trimethylbenzene
 Concen: 57.424 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion: 105 Resp: 595172
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.6





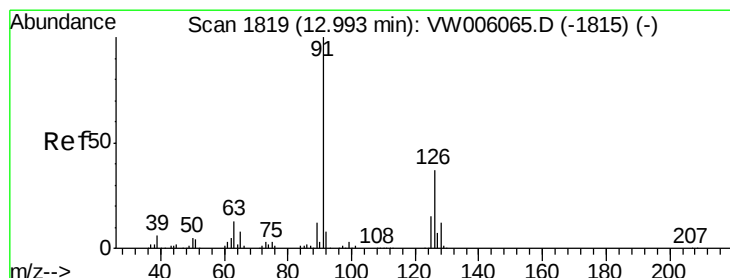
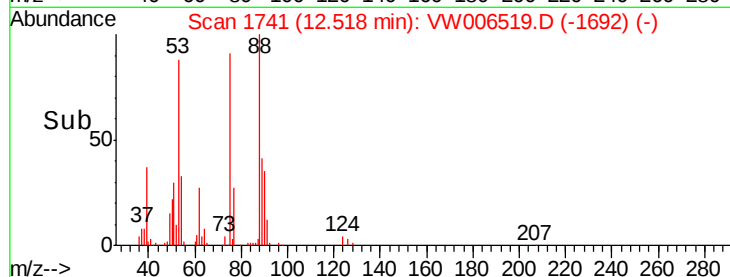
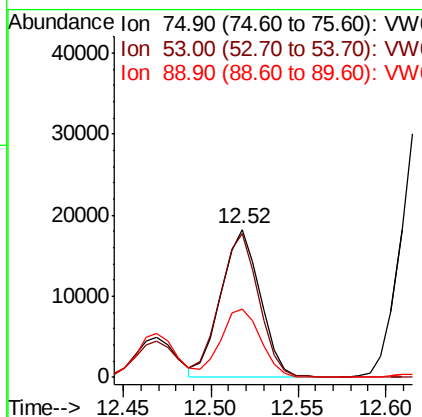
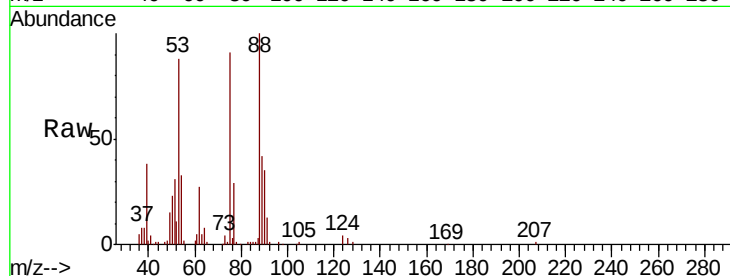
#81
trans-1,4-Dichloro-2-butene
Concen: 51.423 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28595		
53	96.2	79.8	119.6	
89	46.3	37.5	56.3	

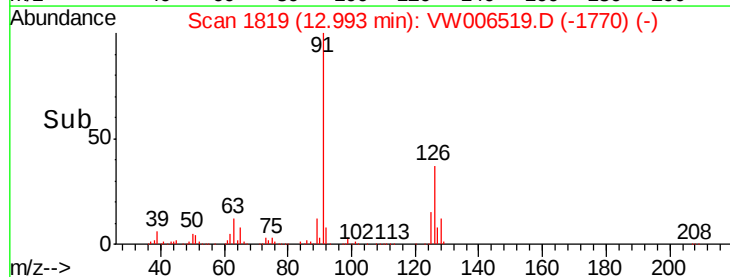
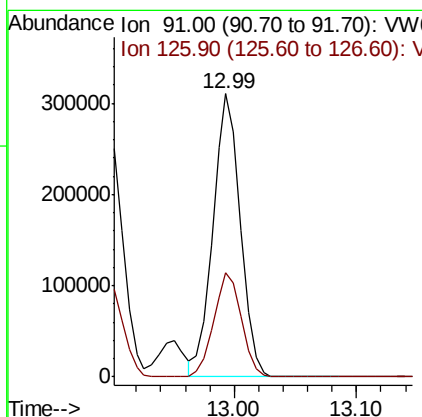
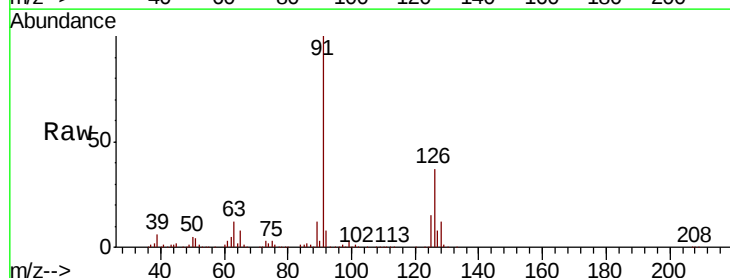
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#82
4-Chlorotoluene
Concen: 57.303 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	482415		
126	37.1	18.1	54.3	





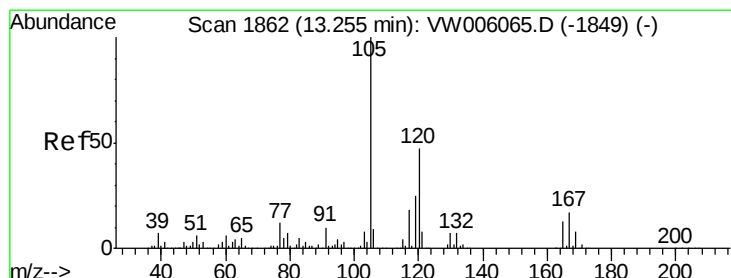
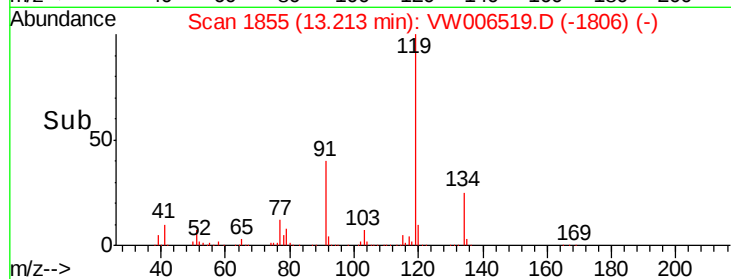
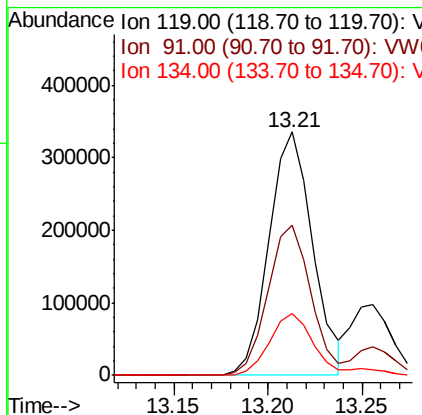
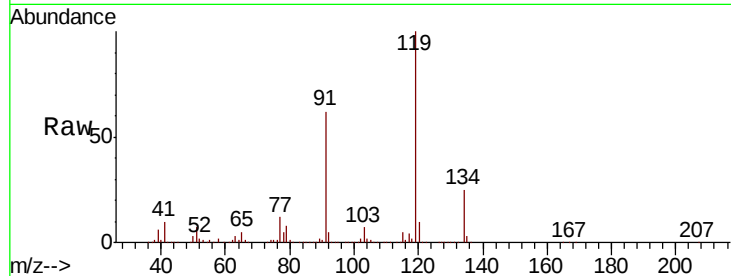
#83
 tert-Butylbenzene
 Concen: 58.156 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.8	32.3	96.9
134	25.4	13.6	40.8

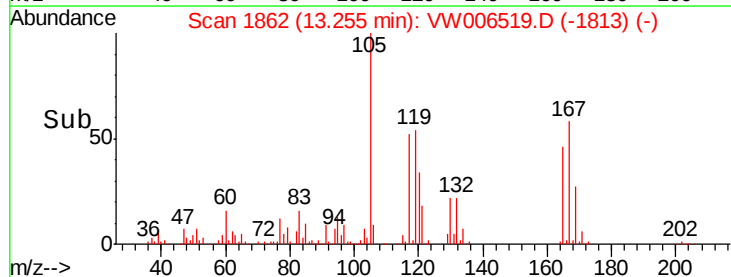
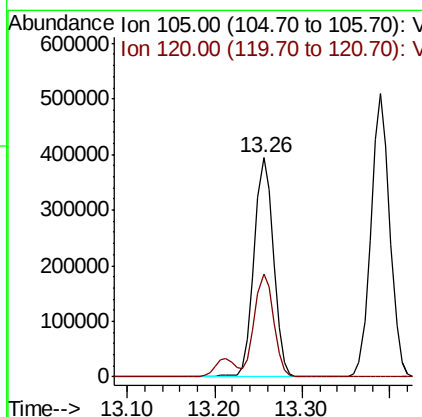
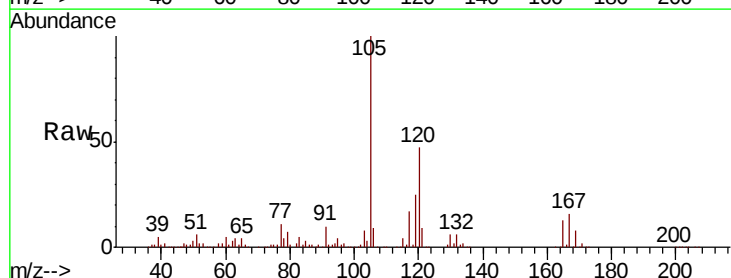
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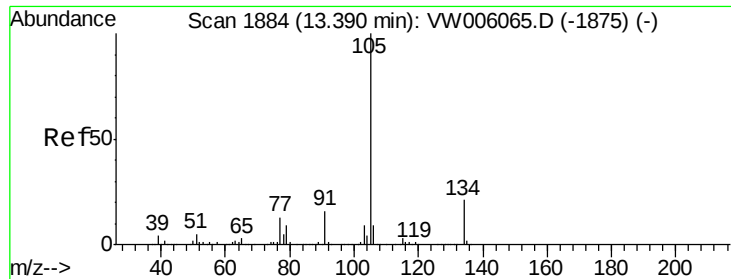
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#84
 1,2,4-Trimethylbenzene
 Concen: 57.707 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3





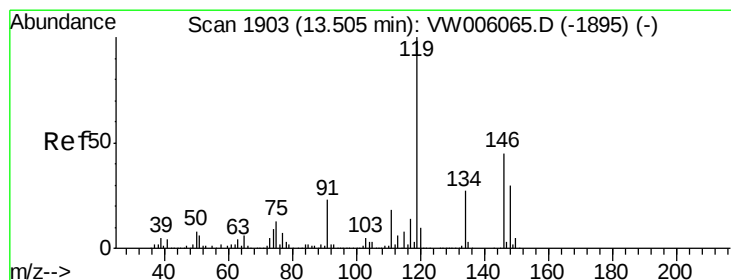
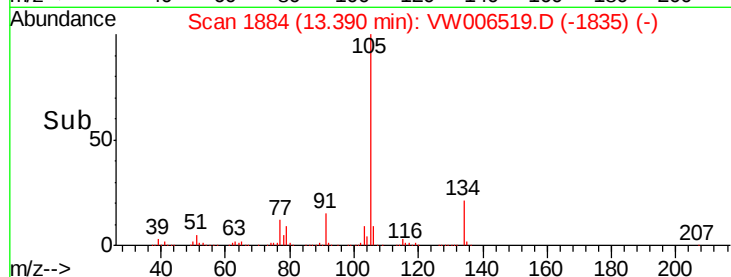
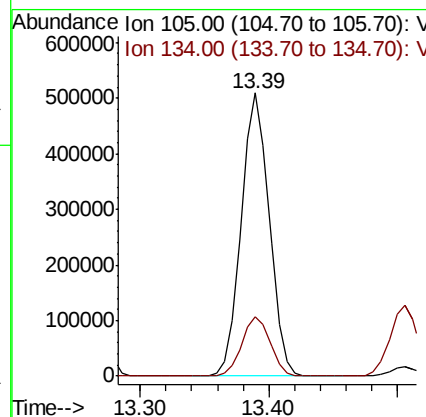
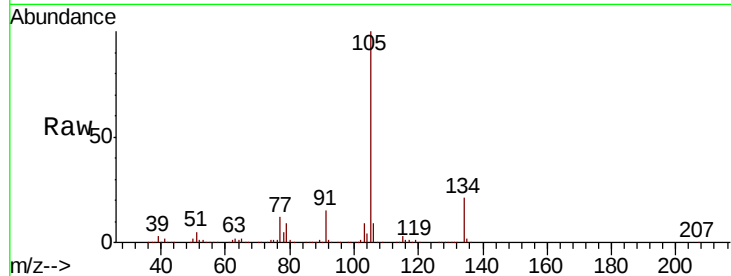
#85
 sec-Butylbenzene
 Concen: 58.424 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.5	31.6

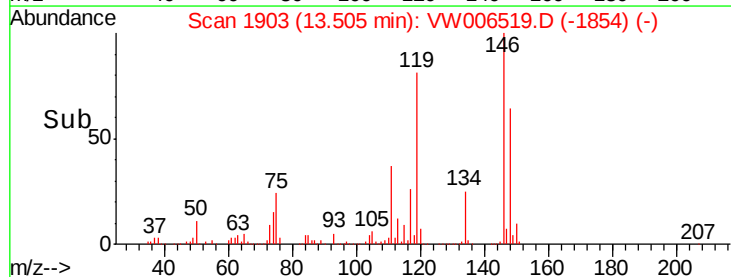
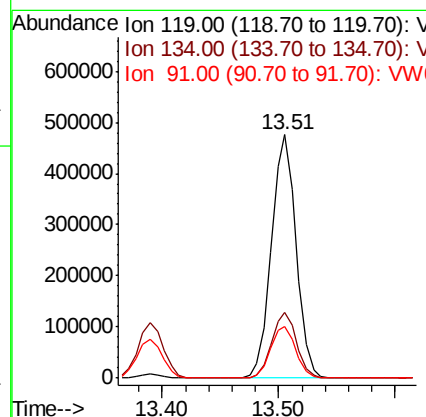
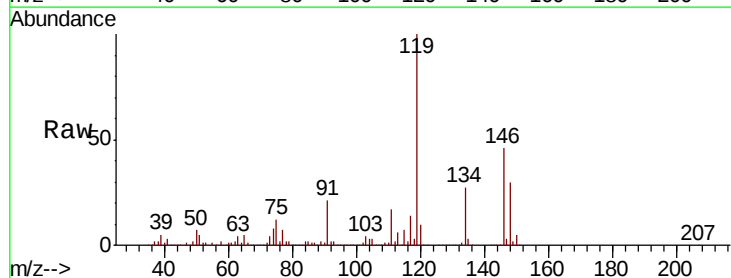
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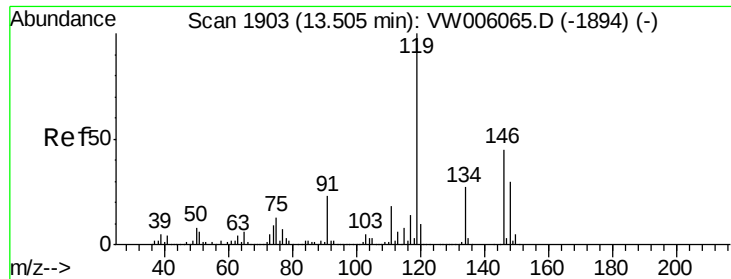
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#86
 p-Isopropyltoluene
 Concen: 58.954 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.4	40.2
91	21.8	11.4	34.1





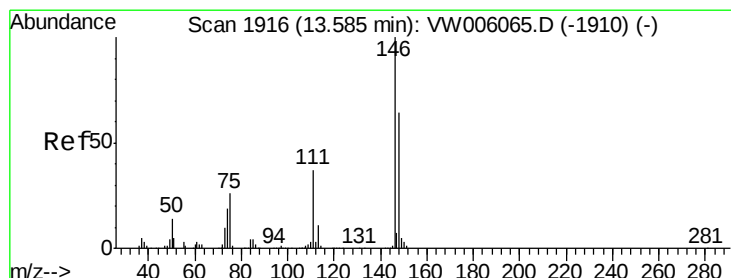
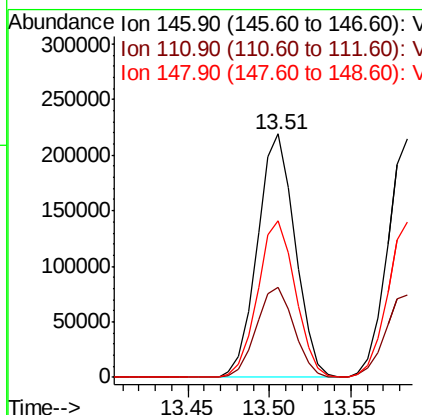
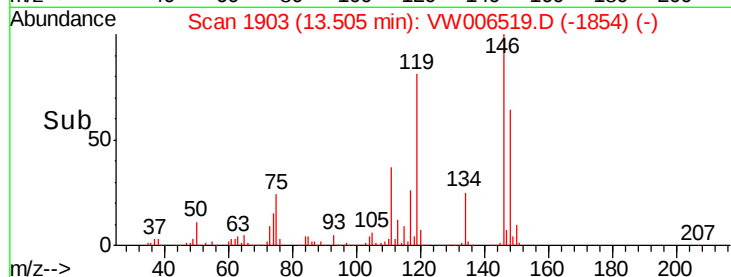
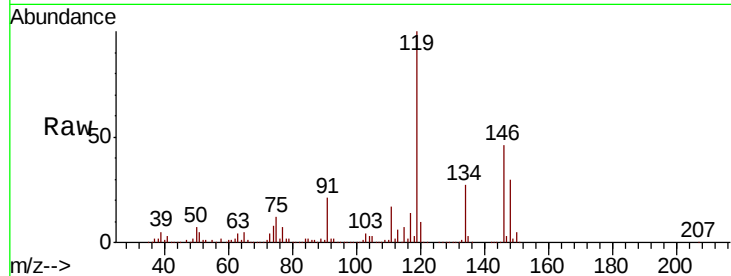
#87
 1,3-Dichlorobenzene
 Concen: 58.438 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.5
148	64.2	32.0	96.2

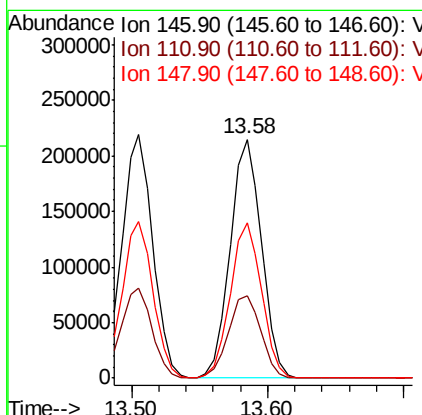
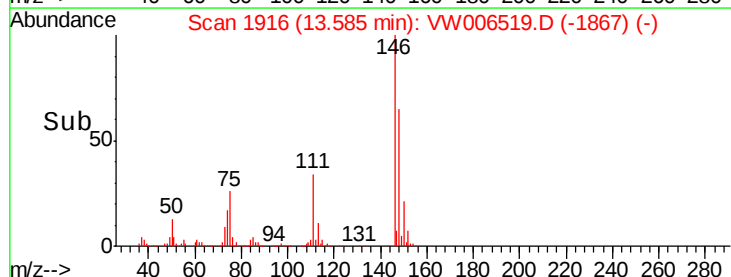
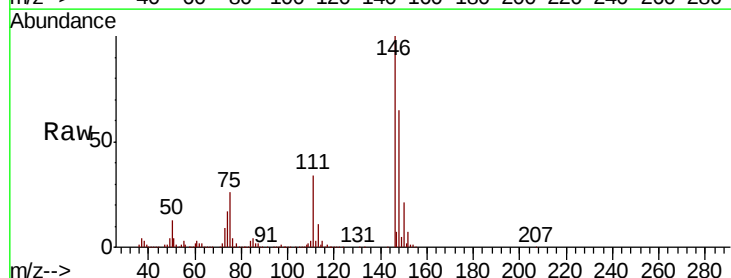
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#88
 1,4-Dichlorobenzene
 Concen: 57.629 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.6	56.0
148	64.4	32.1	96.5





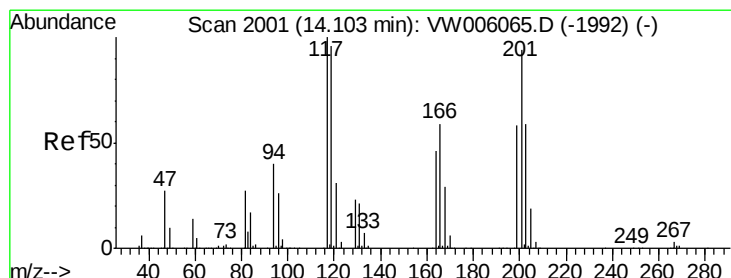
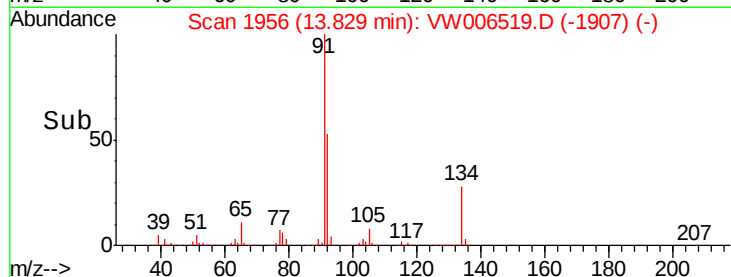
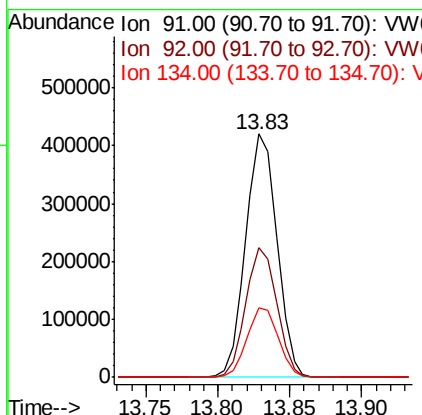
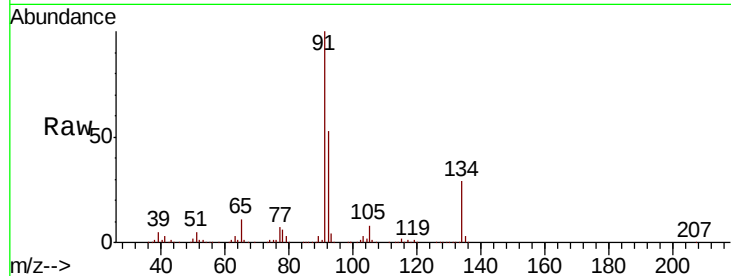
#89
n-Butylbenzene
Concen: 58.331 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.7
134	28.7	14.0	41.9

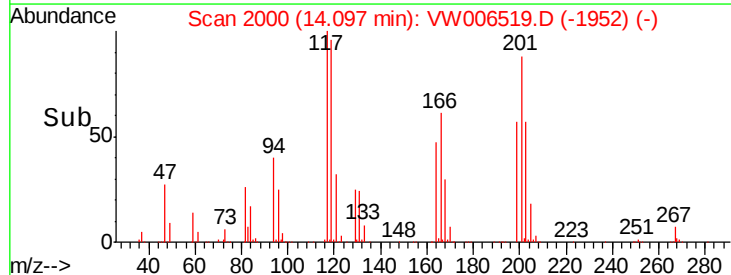
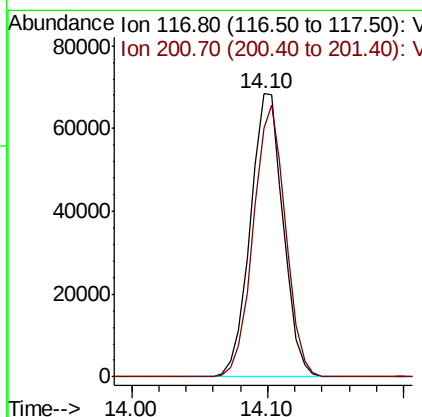
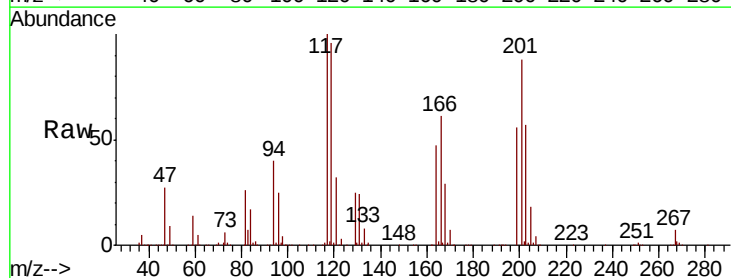
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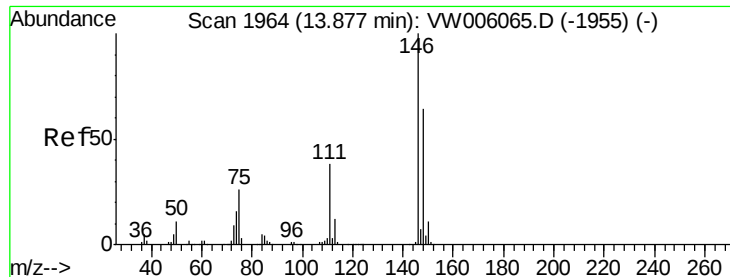
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#90
Hexachloroethane
Concen: 57.697 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.0	45.3	135.9





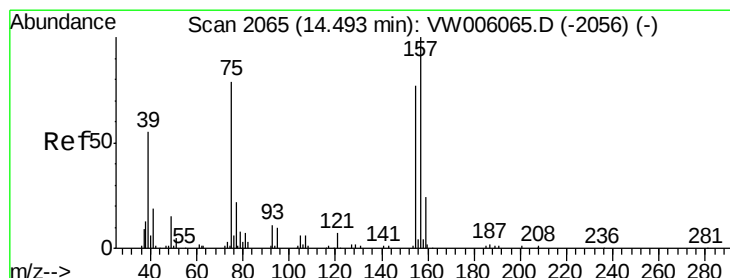
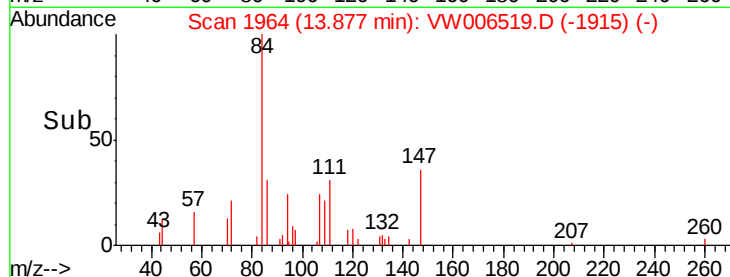
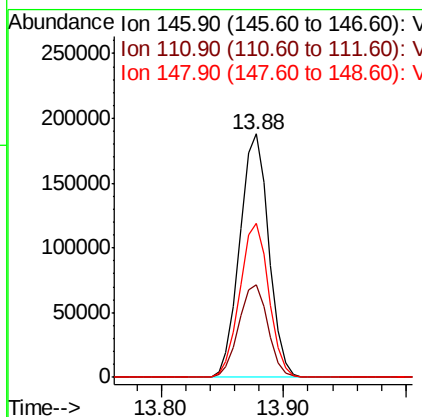
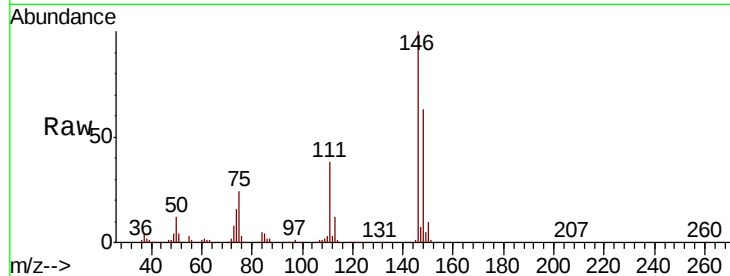
#91
 1,2-Dichlorobenzene
 Concen: 57.583 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.7
148	63.4	32.2	96.6

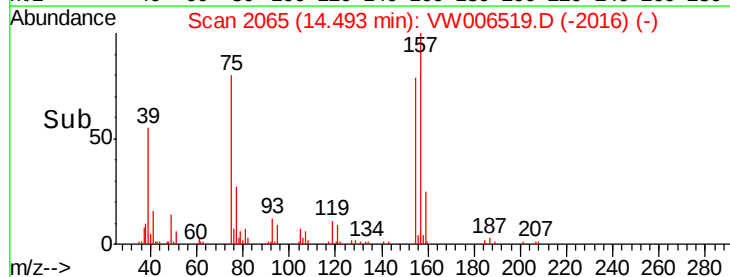
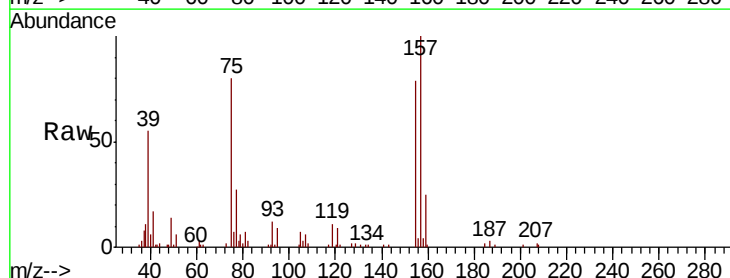
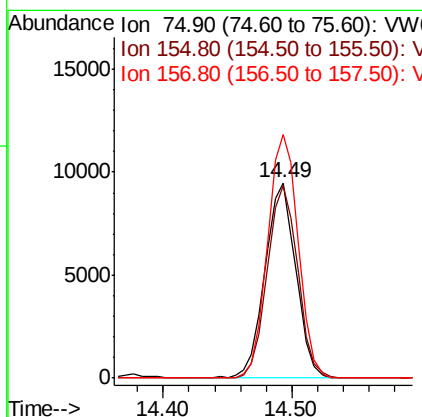
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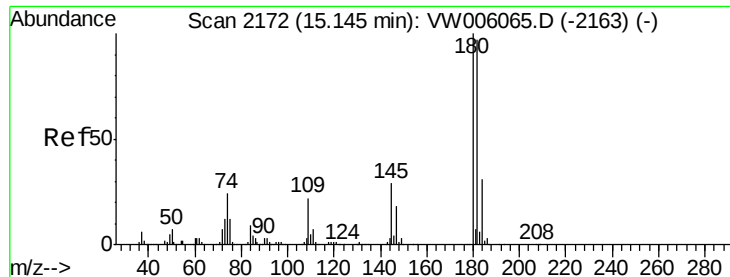
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.121 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.7	46.5	139.5
157	123.7	59.8	179.4





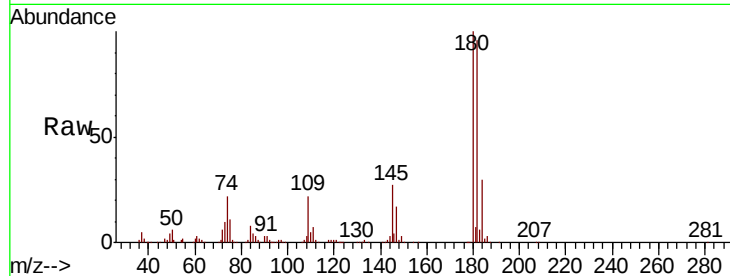
#93
 1,2,4-Trichlorobenzene
 Concen: 56.091 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

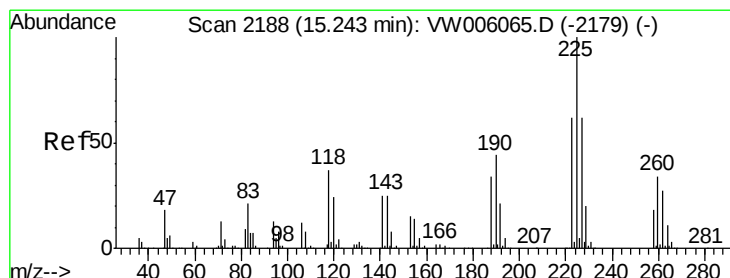
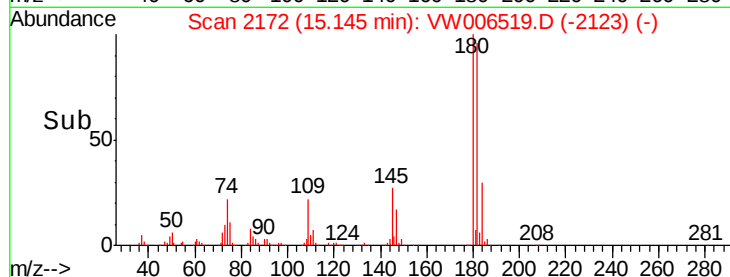
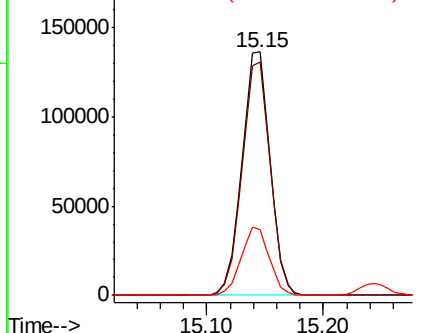
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230719		
182	95.7	47.9	143.6	
145	27.9	14.2	42.8	

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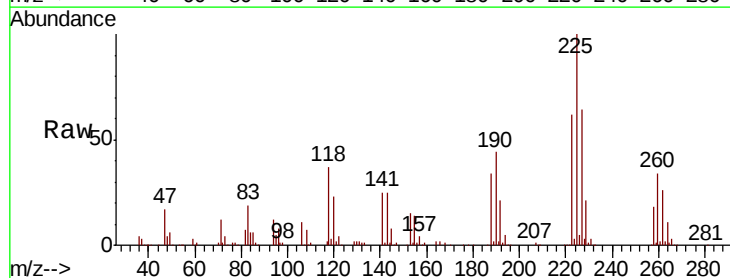


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

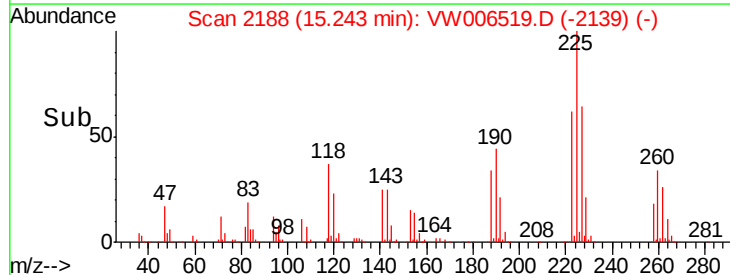
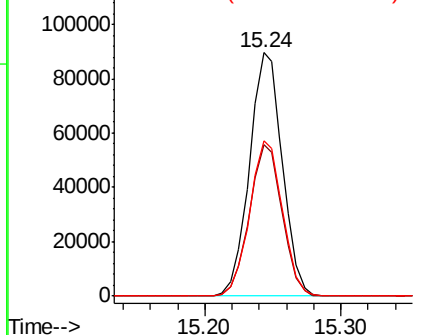


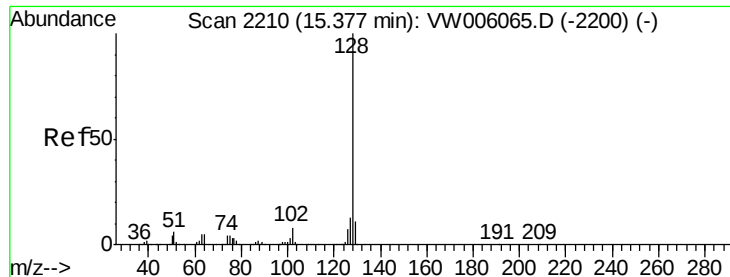
#94
 Hexachlorobutadiene
 Concen: 58.606 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006519.D
 Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151434		
223	62.2	31.1	93.5	
227	63.7	32.4	97.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





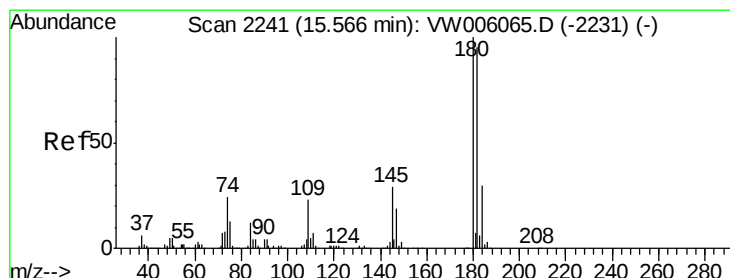
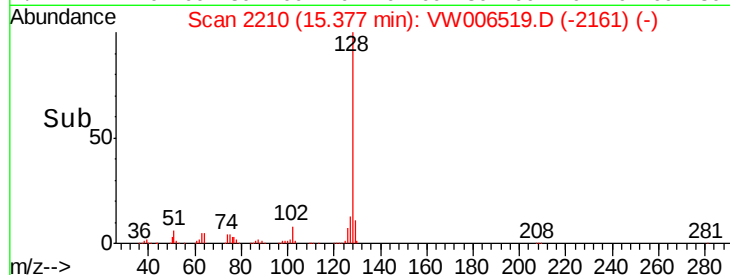
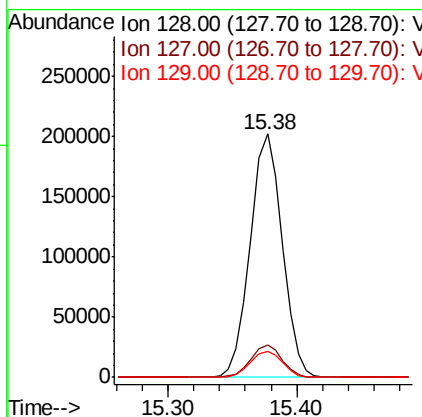
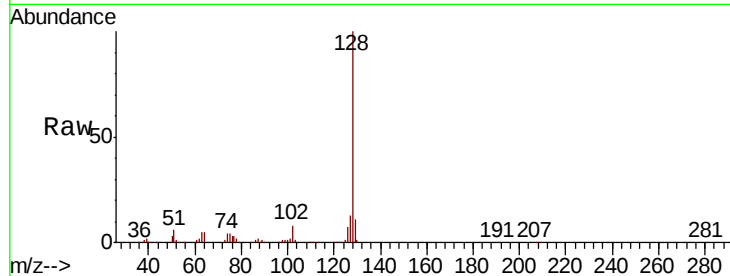
#95
Naphthalene
Concen: 50.738 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	347175		
127	13.0	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/1/2018 1:37:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.577 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006519.D
Acq: 31 Oct 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194171		
182	96.5	47.8	143.3	
145	30.0	15.0	45.1	

