

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007573.D
 Acq On : 15 Dec 2018 10:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/17/2018 1:45:50 PM

Quant Time: Dec 15 20:07:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51075	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38857	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.88	113	36533	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
50) Toluene-d8	10.32	98	137981	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.62	95	52543	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20900	44.816	ug/l	97
3) Chloromethane	2.21	50	17721	45.372	ug/l	99
4) Vinyl Chloride	2.37	62	20970	45.752	ug/l	100
5) Bromomethane	2.78	94	15119	49.095	ug/l	91
6) Chloroethane	2.93	64	12687	50.285	ug/l	92
7) Trichlorofluoromethane	3.26	101	20773	50.411	ug/l	90
8) Diethyl Ether	3.68	74	16029	49.699	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33415	49.144	ug/l	97
10) Methyl Iodide	4.26	142	58124	51.615	ug/l	98
11) Tert butyl alcohol	5.18	59	13107	257.769	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	32244	49.254	ug/l	95
13) Acrolein	3.89	56	7903	234.889	ug/l	99
14) Allyl chloride	4.67	41	46390	48.074	ug/l	96
15) Acrylonitrile	5.36	53	34166	251.292	ug/l	99
16) Acetone	4.12	43	30535	236.118	ug/l	100
17) Carbon Disulfide	4.38	76	96692	48.713	ug/l	98
18) Methyl Acetate	4.67	43	17848	50.850	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	52877	53.542	ug/l	99
20) Methylene Chloride	4.90	84	37160	52.762	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	37575	51.309	ug/l	98
22) Diisopropyl ether	6.31	45	94851	51.138	ug/l	93
23) Vinyl Acetate	6.26	43	262305	252.835	ug/l	98
24) 1,1-Dichloroethane	6.21	63	64466	51.425	ug/l	99
25) 2-Butanone	7.17	43	41736	247.209	ug/l	97
26) 2,2-Dichloropropane	7.17	77	40680	49.033	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	41368	51.590	ug/l	98
28) Bromochloromethane	7.51	49	22634	48.001	ug/l	99
29) Tetrahydrofuran	7.53	42	26853	251.245	ug/l	96
30) Chloroform	7.68	83	71362	52.310	ug/l	98
31) Cyclohexane	7.95	56	50581	43.978	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	63833	53.358	ug/l	99
36) 1,1-Dichloropropene	8.09	75	52216	50.558	ug/l	99
37) Ethyl Acetate	7.25	43	19608	51.045	ug/l	97
38) Carbon Tetrachloride	8.07	117	59914	53.316	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	62361	49.865	ug/l	91
40) Benzene	8.32	78	149564	52.183	ug/l	99
41) Methacrylonitrile	7.48	41	11511	52.623	ug/l	92
42) 1,2-Dichloroethane	8.40	62	48460	53.824	ug/l	100
43) Isopropyl Acetate	8.43	43	38691	50.991	ug/l	98
44) Trichloroethene	9.09	130	43538	53.195	ug/l	98
45) 1,2-Dichloropropane	9.37	63	35069	52.873	ug/l	98
46) Dibromomethane	9.46	93	20101	53.367	ug/l	98
47) Bromodichloromethane	9.65	83	53646	54.299	ug/l	90
48) Methyl methacrylate	9.44	41	19011	48.785	ug/l	91
49) 1,4-Dioxane	9.45	88	7127	1166.157	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	97276	271.326	ug/l	97
52) Toluene	10.39	92	99583	53.689	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	50763	52.924	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	57969	52.281	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	28981	56.534	ug/l	96
56) Ethyl methacrylate	10.65	69	34621	56.188	ug/l	99
57) 1,3-Dichloropropane	10.93	76	48130	57.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	81294	286.103	ug/l	98
59) 2-Hexanone	10.97	43	66731	279.137	ug/l	99
60) Dibromochloromethane	11.13	129	36861	56.978	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28210	55.685	ug/l	96
64) Tetrachloroethene	10.87	164	39442	52.592	ug/l	93
65) Chlorobenzene	11.66	112	113317	52.132	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40686	53.145	ug/l	100
67) Ethyl Benzene	11.73	91	196163	52.490	ug/l	92
68) m/p-Xylenes	11.84	106	150737	103.753	ug/l	99
69) o-Xylene	12.17	106	72331	53.308	ug/l	98
70) Styrene	12.18	104	120625	55.039	ug/l	98
71) Bromoform	12.35	173	20484	52.275	ug/l #	98
73) Isopropylbenzene	12.47	105	201939	51.600	ug/l	98
74) N-amyl acetate	12.27	43	35786	50.314	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	30312	52.294	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	18293m	43.438	ug/l	
77) Bromobenzene	12.75	156	45185	52.087	ug/l	95
78) n-propylbenzene	12.81	91	232644	52.821	ug/l	100
79) 2-Chlorotoluene	12.90	91	136855	51.353	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	174856	53.174	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	9232	48.426	ug/l	93
82) 4-Chlorotoluene	12.99	91	145391	51.756	ug/l	97
83) tert-Butylbenzene	13.21	119	154378	53.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	177115	52.341	ug/l	99
85) sec-Butylbenzene	13.39	105	209880	53.061	ug/l	95
86) p-Isopropyltoluene	13.50	119	186336	52.438	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	90056	52.068	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	90299	51.932	ug/l	97
89) n-Butylbenzene	13.83	91	169572	51.476	ug/l	99
90) Hexachloroethane	14.10	117	33664	53.243	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	82989	53.572	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5994	51.529	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	54384	51.013	ug/l	95
94) Hexachlorobutadiene	15.24	225	28383	50.177	ug/l	99
95) Naphthalene	15.37	128	107486	52.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	47916	51.740	ug/l	97

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

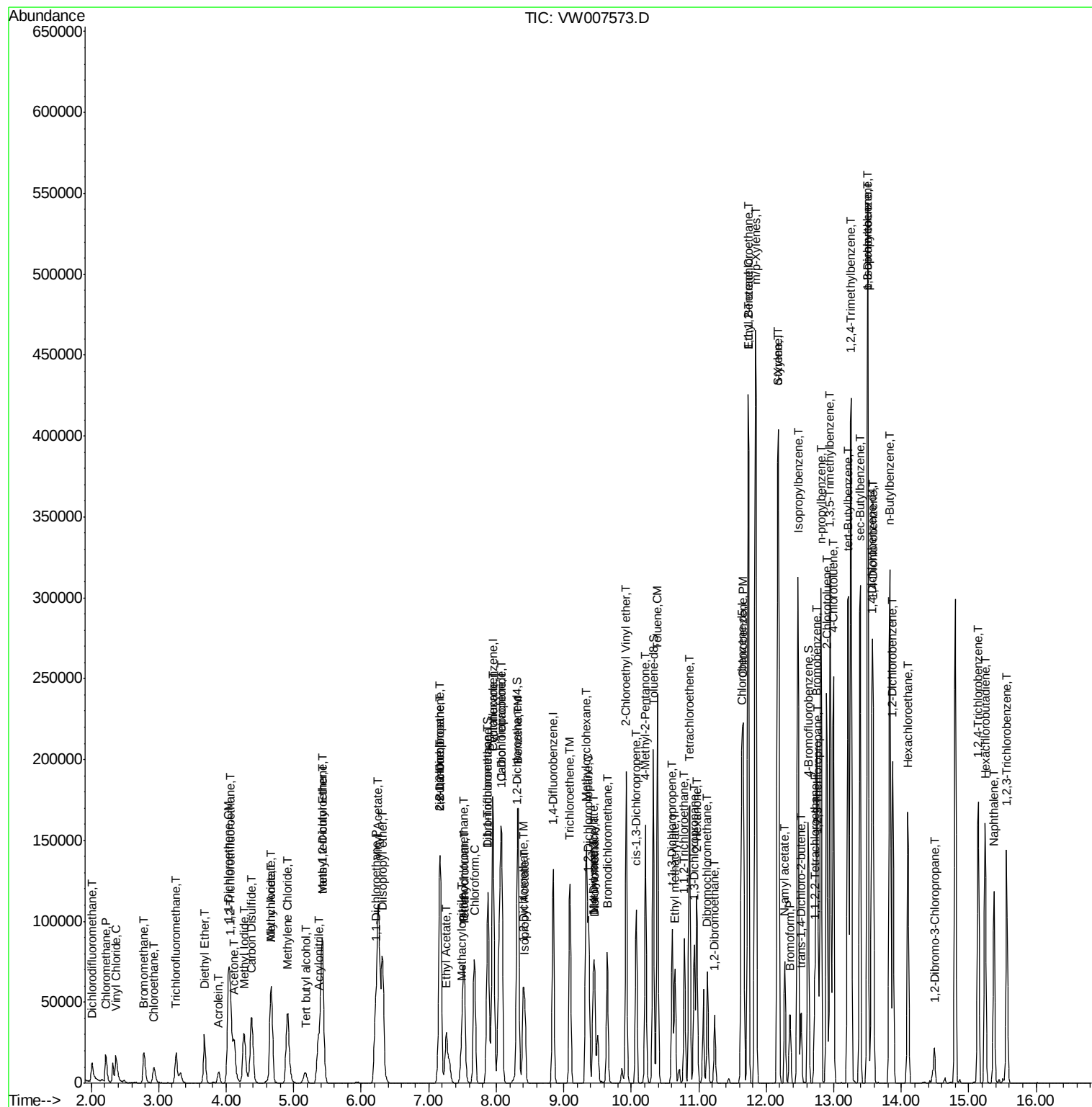
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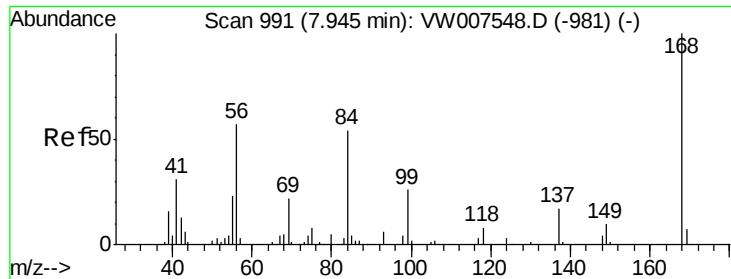
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 66735

Ion Ratio Lower Upper

168 100

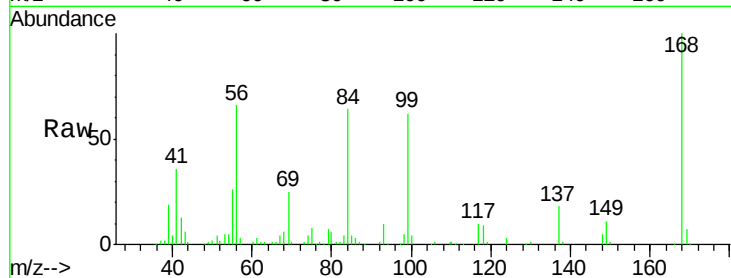
99 62.3 48.3 72.5

Manual Integrations

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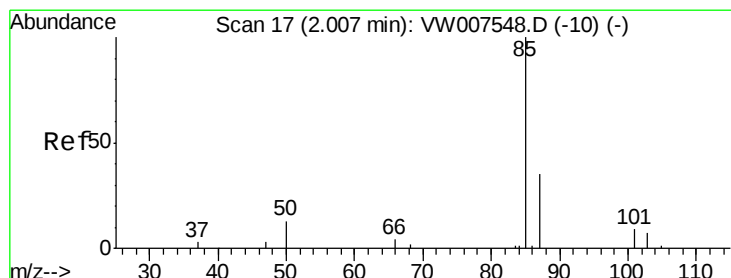
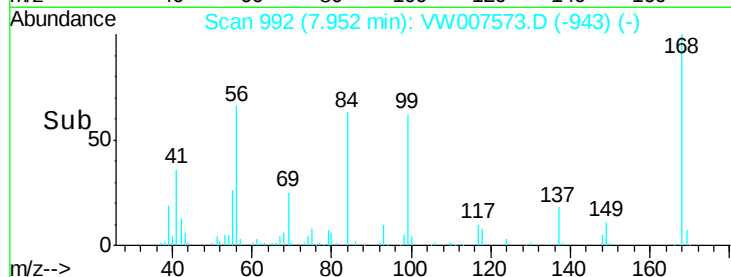
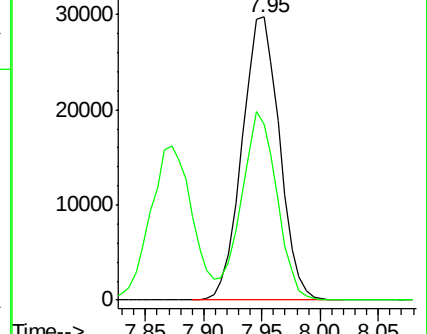
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 44.816 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007573.D

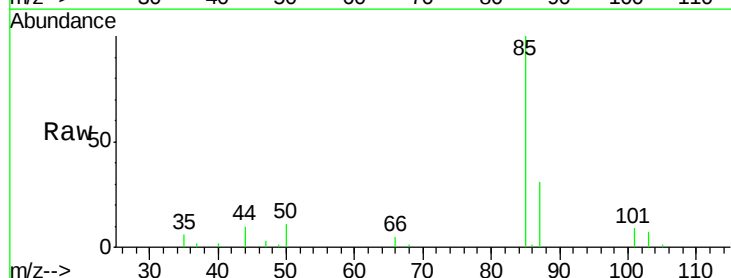
Acq: 15 Dec 2018 10:59

Tgt Ion: 85 Resp: 20900

Ion Ratio Lower Upper

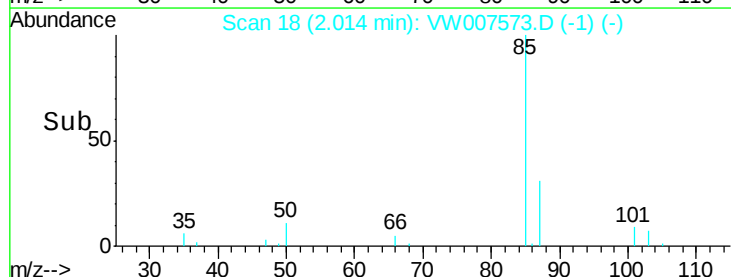
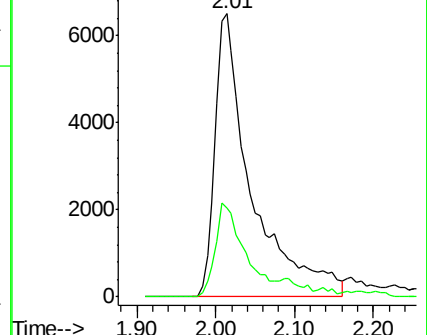
85 100

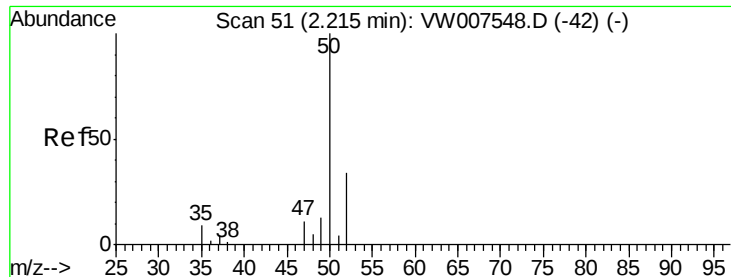
87 31.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.372 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 17721

Ion Ratio Lower Upper

50 100

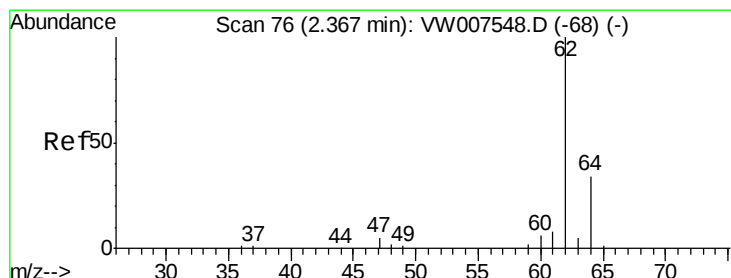
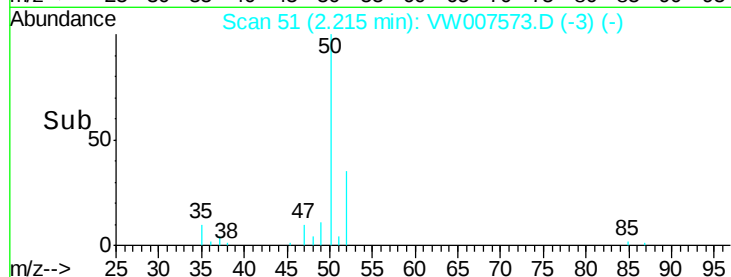
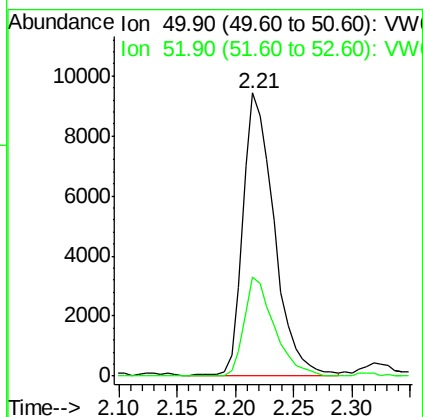
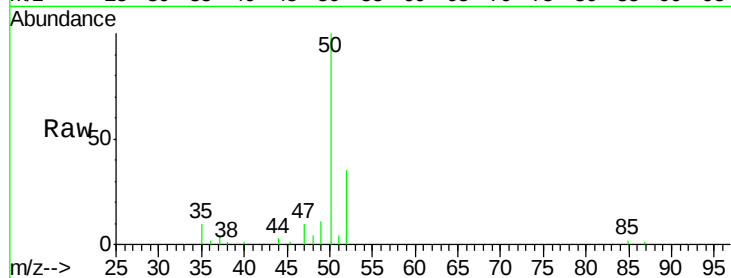
52 34.8 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.752 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007573.D

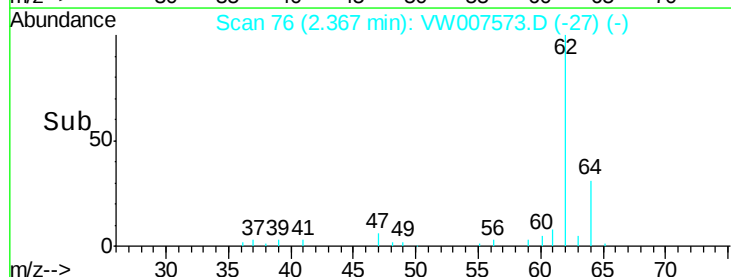
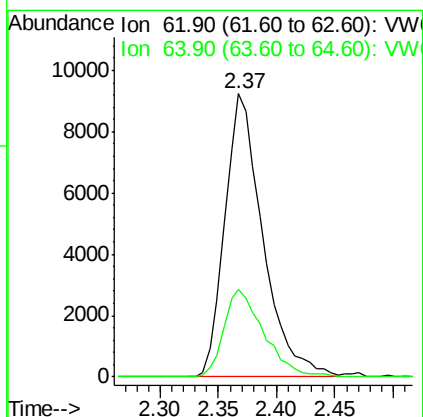
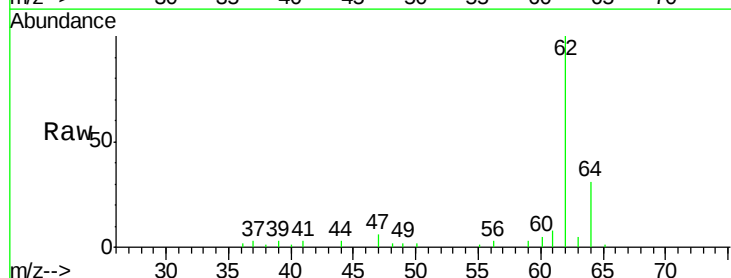
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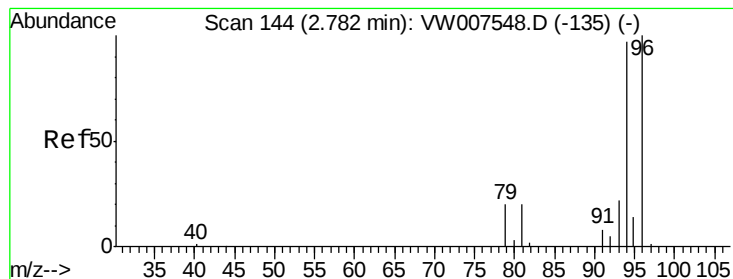
Tgt Ion: 62 Resp: 20970

Ion Ratio Lower Upper

62 100

64 31.0 24.6 37.0





#5

Bromomethane

Concen: 49.095 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 94 Resp: 15119

Ion Ratio Lower Upper

94 100

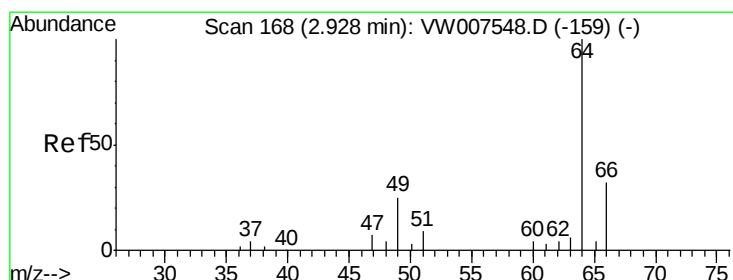
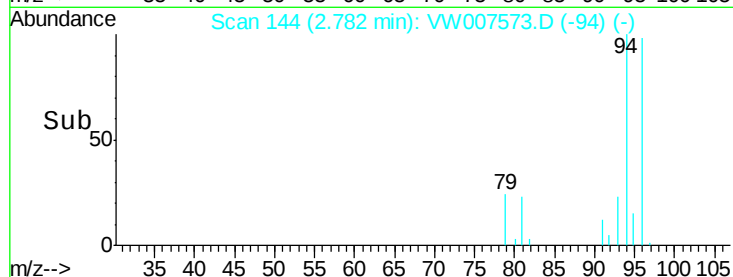
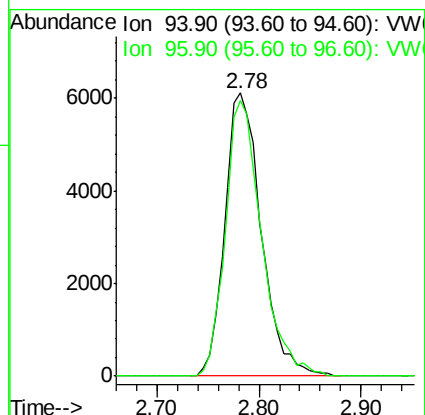
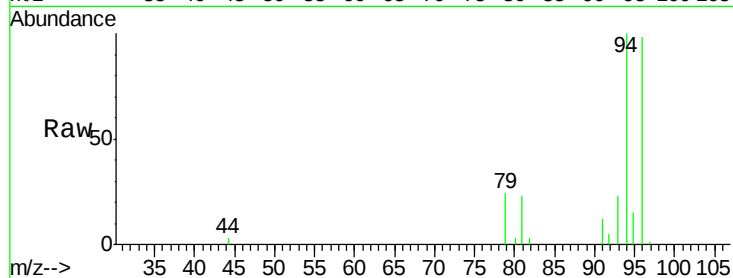
96 97.6 71.0 106.4

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#6

Chloroethane

Concen: 50.285 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW007573.D

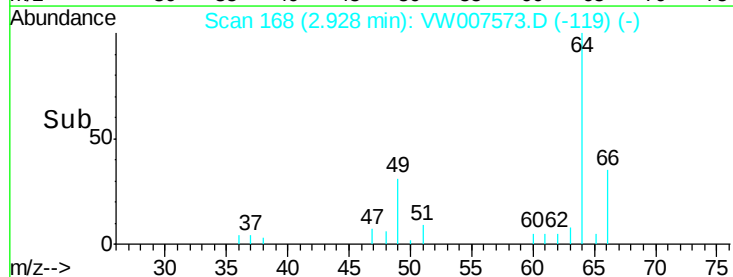
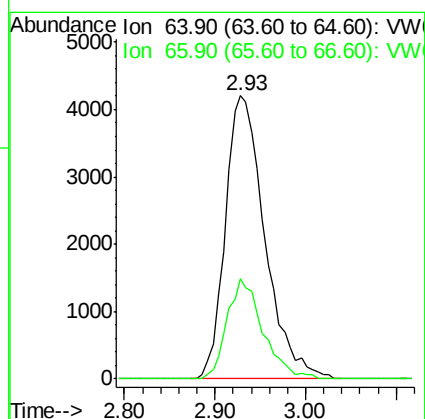
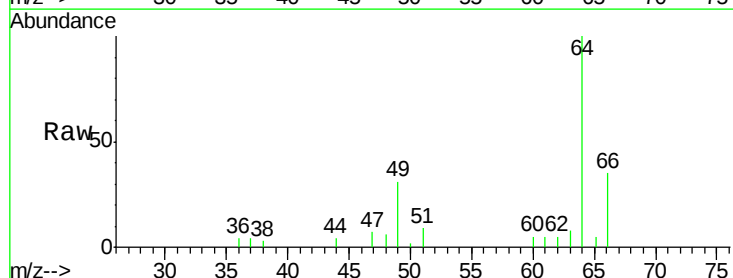
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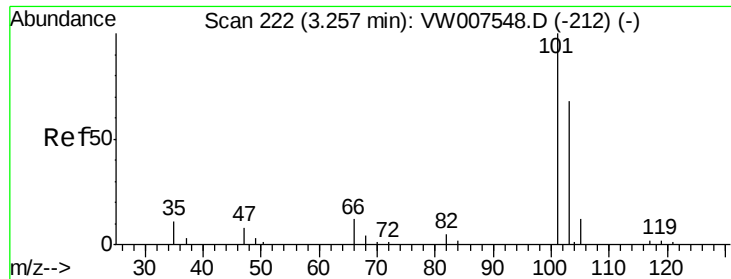
Tgt Ion: 64 Resp: 12687

Ion Ratio Lower Upper

64 100

66 35.4 24.6 37.0





#7

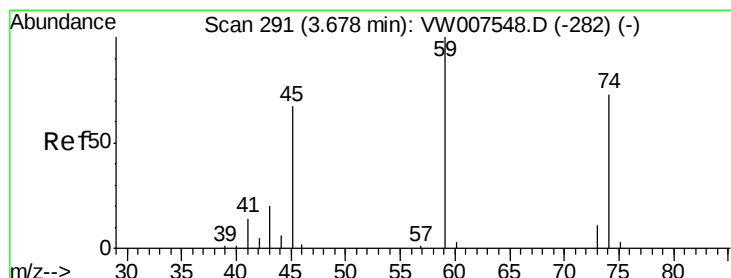
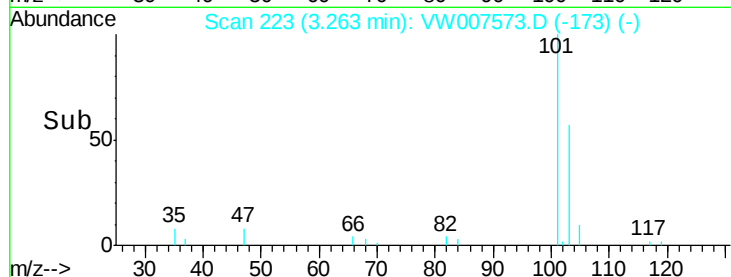
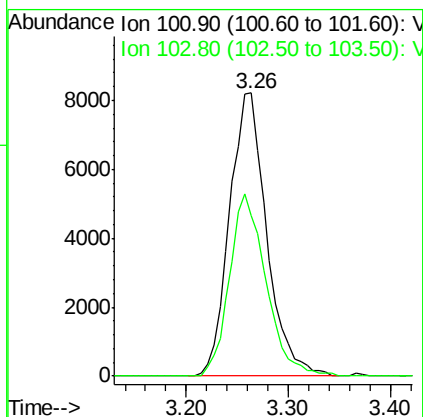
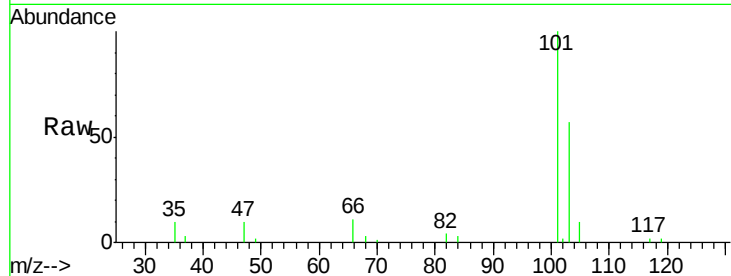
Trichlorofluoromethane
Concen: 50.411 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 20773
Ion Ratio Lower Upper
101 100
103 56.6 51.7 77.5

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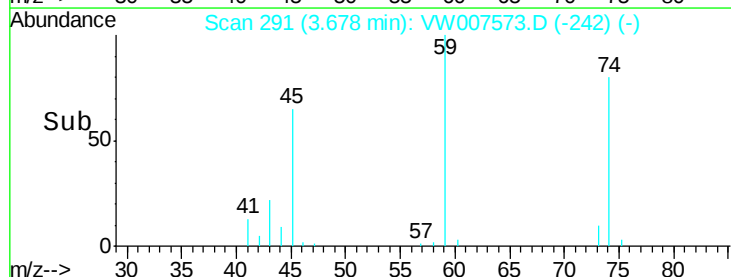
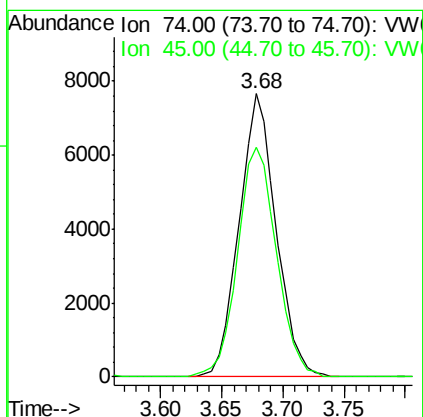
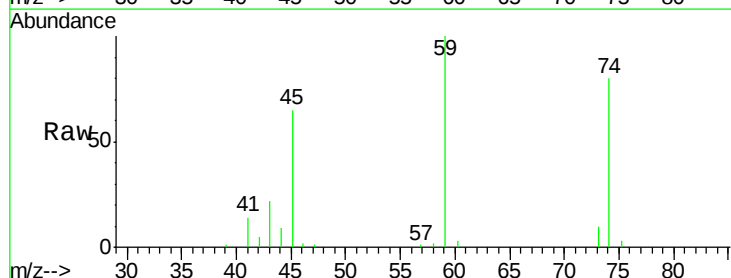
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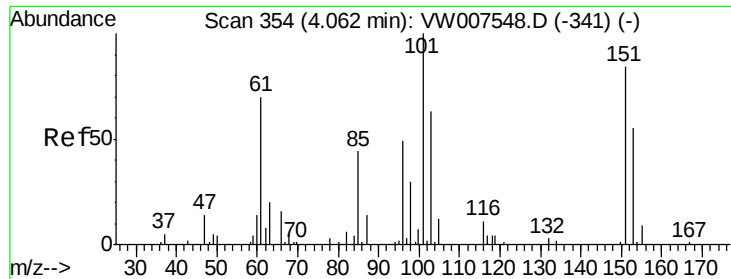


#8

Diethyl Ether
Concen: 49.699 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 74 Resp: 16029
Ion Ratio Lower Upper
74 100
45 85.7 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.144 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

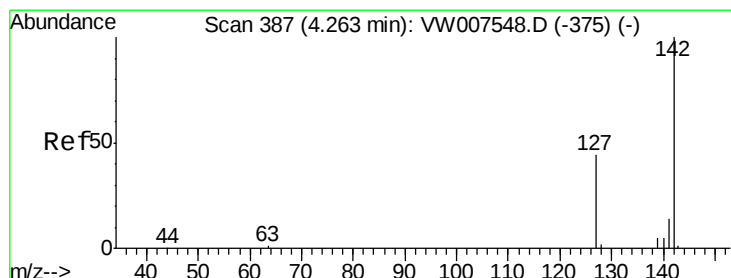
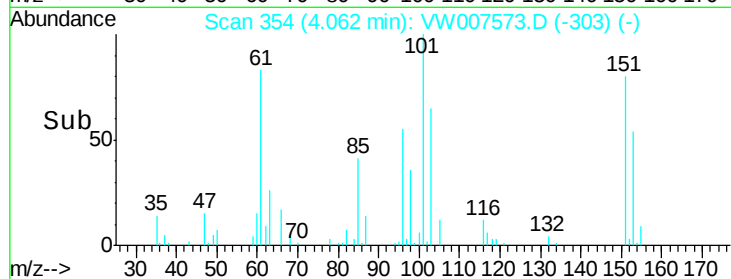
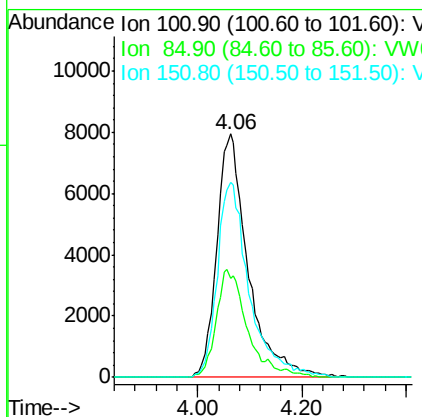
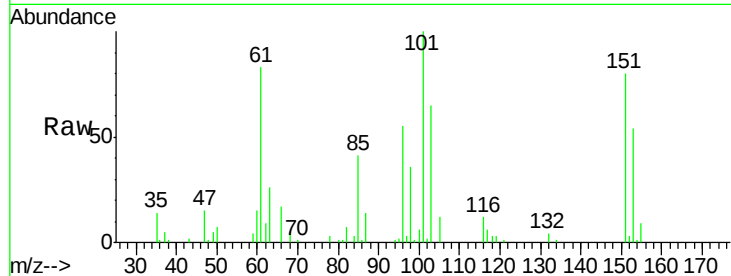
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	33415
Ion Ratio	Lower	Upper	
101	100		
85	44.3	33.9	50.9
151	82.0	63.7	95.5

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#10

Methyl Iodide

Concen: 51.615 ug/l

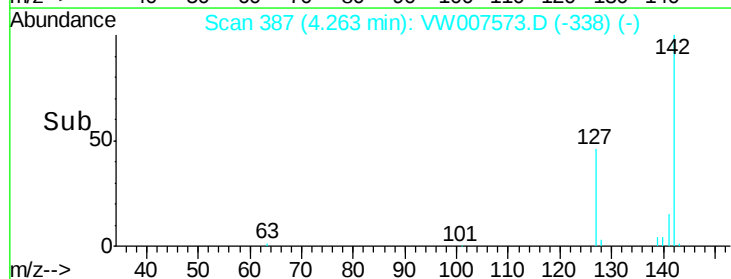
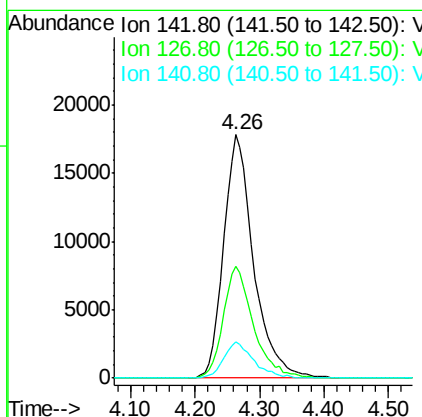
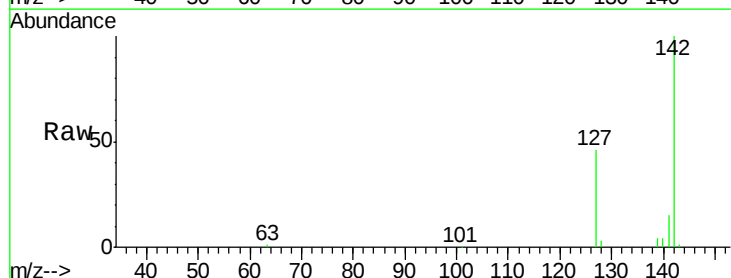
RT: 4.26 min Scan# 387

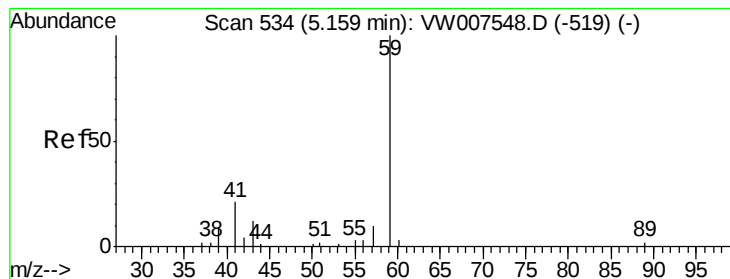
Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion:	142	Resp:	58124
Ion Ratio	Lower	Upper	
142	100		
127	46.0	35.8	53.6
141	14.9	11.1	16.7





#11

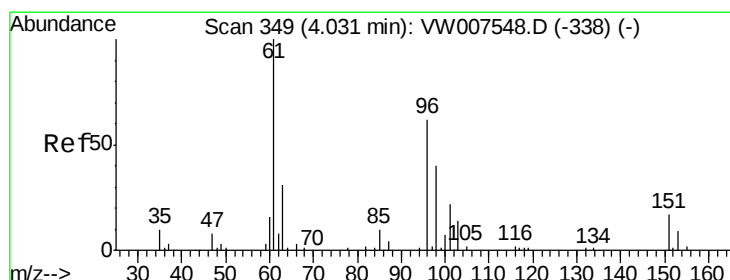
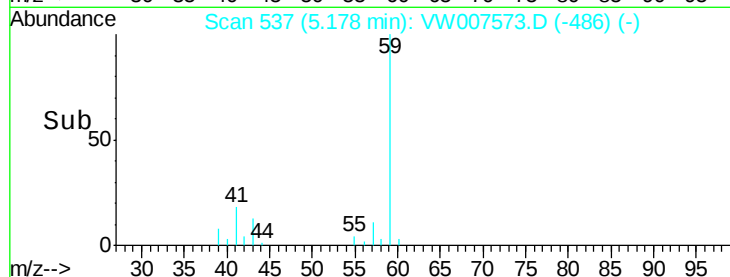
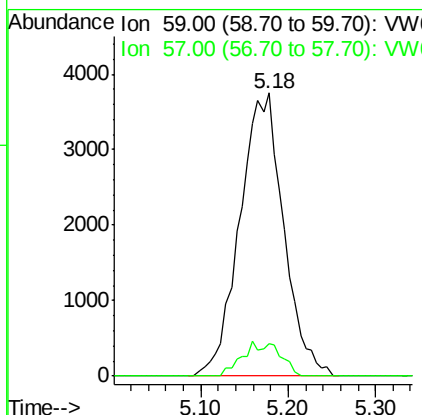
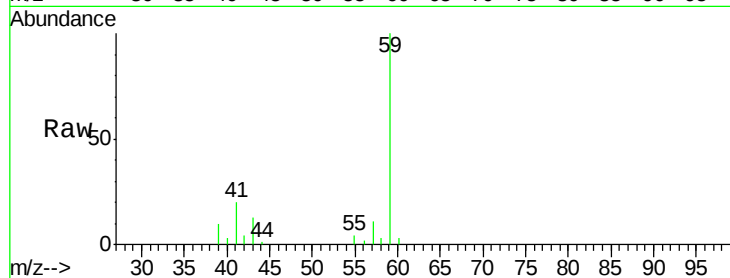
Tert butyl alcohol
 Concen: 257.769 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 59 Resp: 13107
 Ion Ratio Lower Upper
 59 100
 57 5.0 7.6 11.4#

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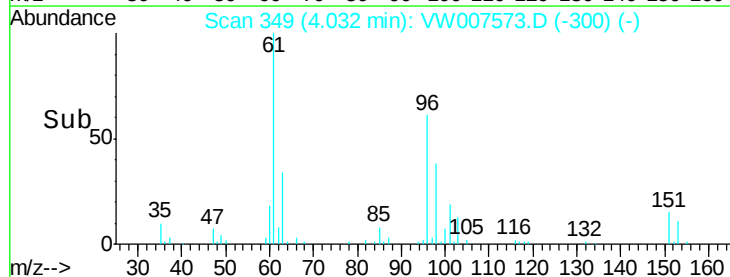
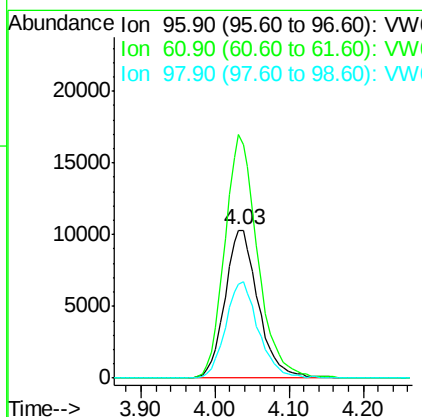
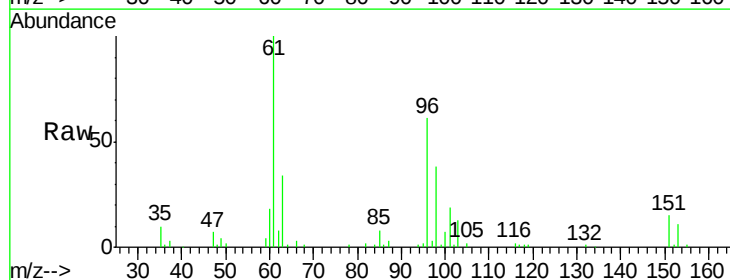
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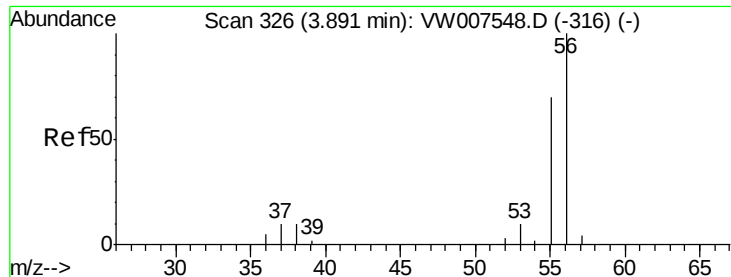


#12

1,1-Dichloroethene
 Concen: 49.254 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion: 96 Resp: 32244
 Ion Ratio Lower Upper
 96 100
 61 164.8 126.2 189.2
 98 63.2 48.3 72.5





#13

Acrolein

Concen: 234.889 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 7903

Ion Ratio Lower Upper

56 100

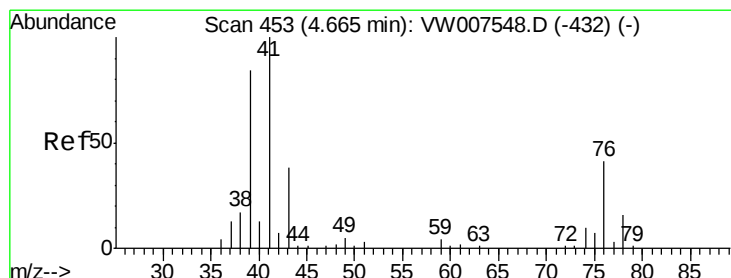
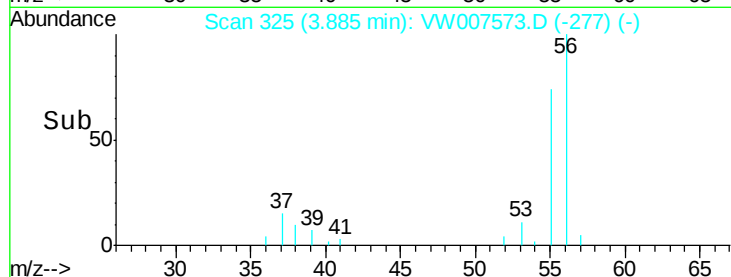
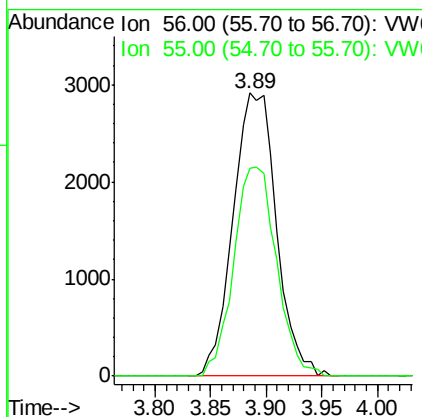
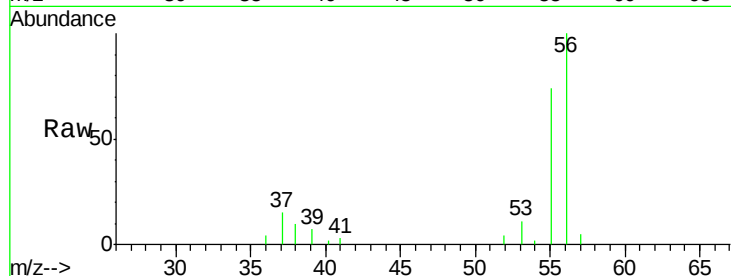
55 72.7 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 48.074 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

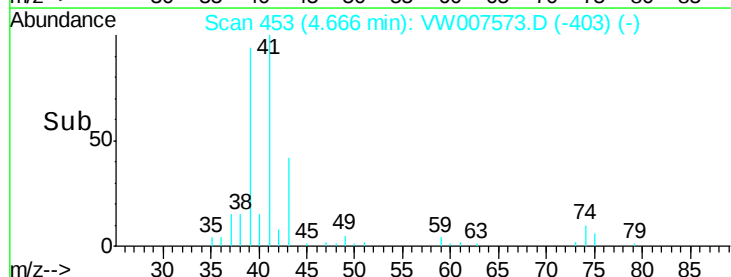
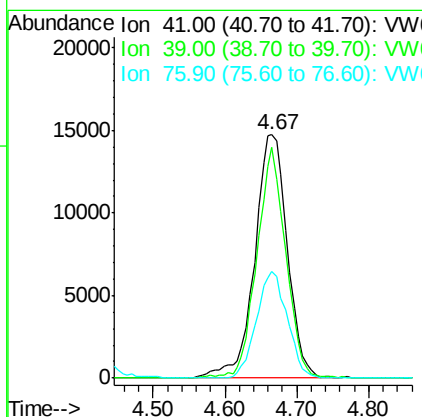
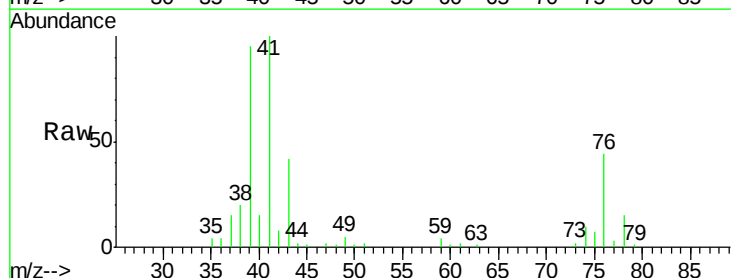
Tgt Ion: 41 Resp: 46390

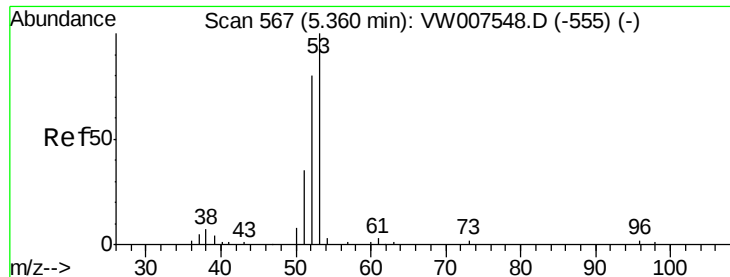
Ion Ratio Lower Upper

41 100

39 84.2 63.4 95.2

76 41.3 32.1 48.1





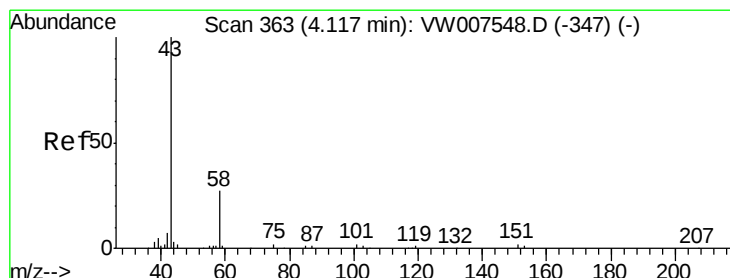
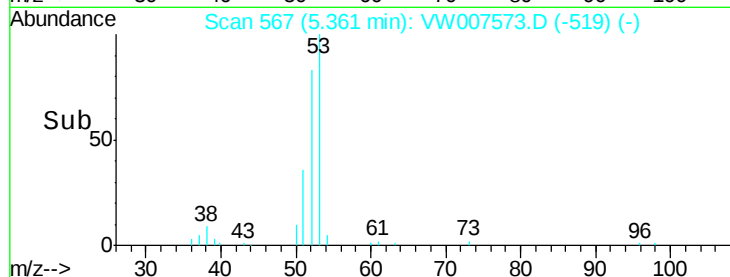
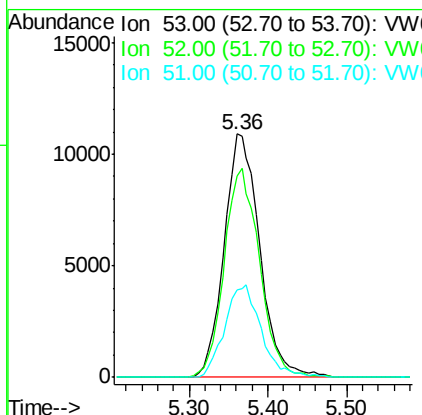
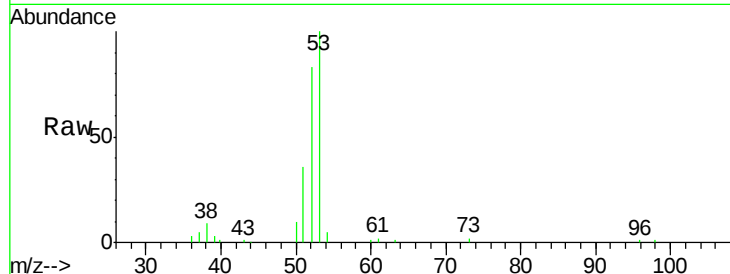
#15
 Acrylonitrile
 Concen: 251.292 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.5	67.4	101.2
51	38.8	30.2	45.2

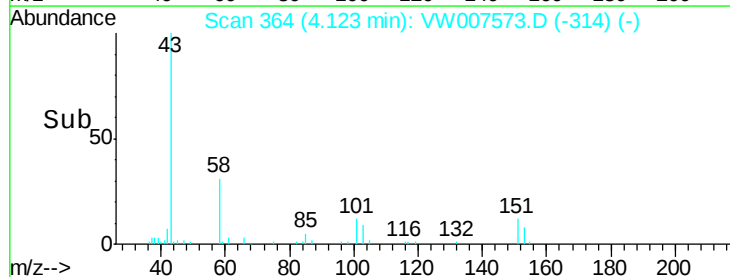
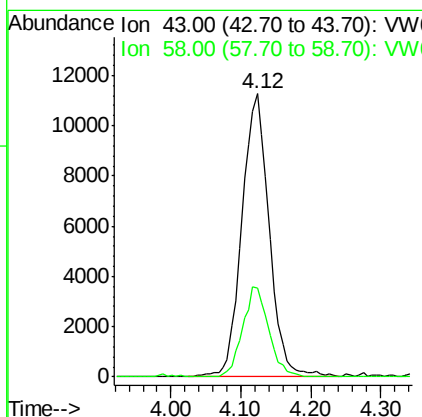
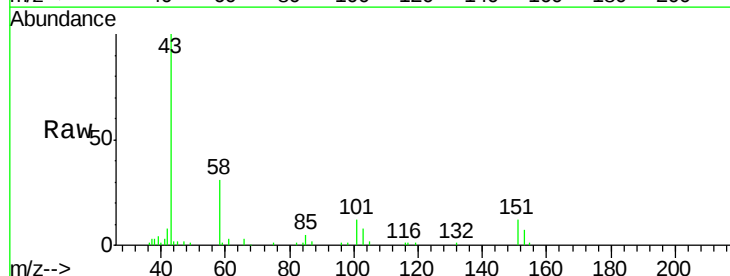
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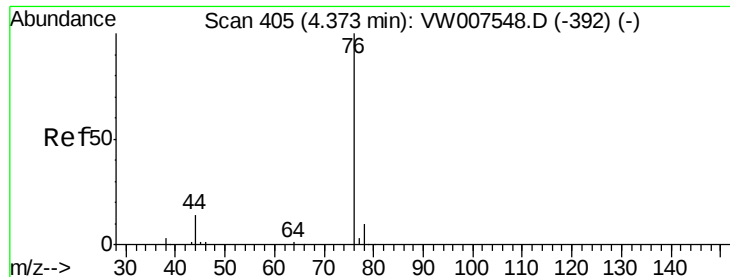
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#16
 Acetone
 Concen: 236.118 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.9	37.3





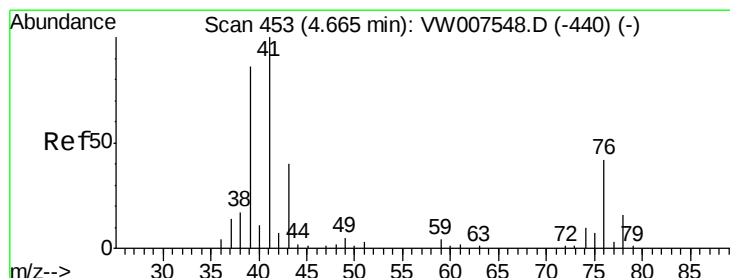
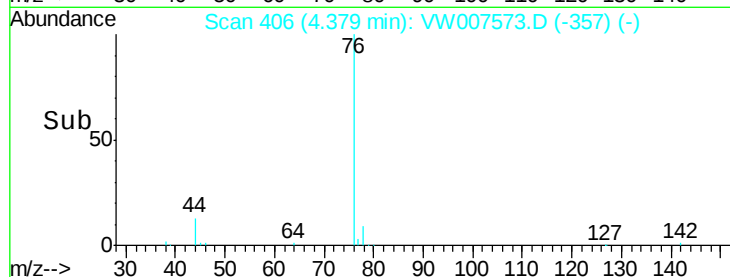
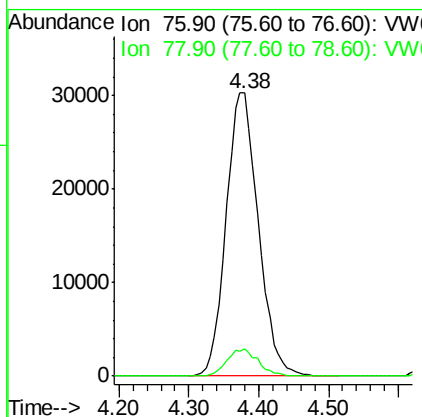
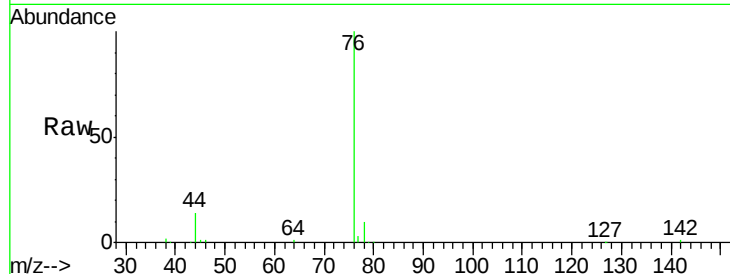
#17
Carbon Disulfide
Concen: 48.713 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 96692
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

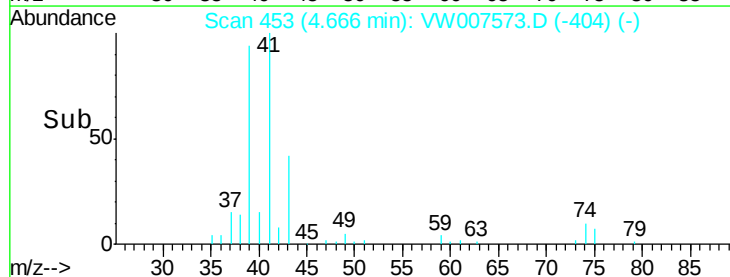
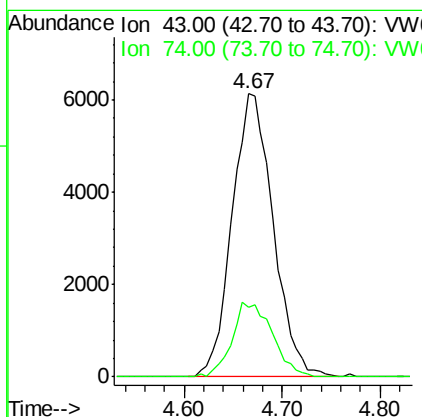
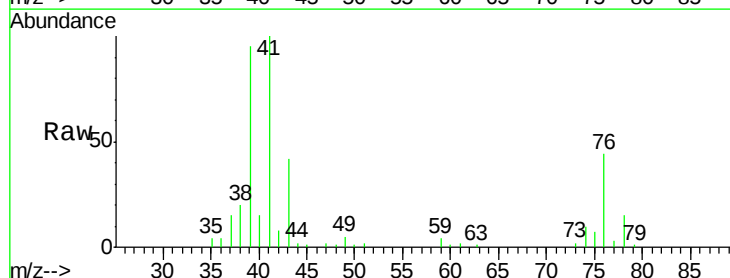
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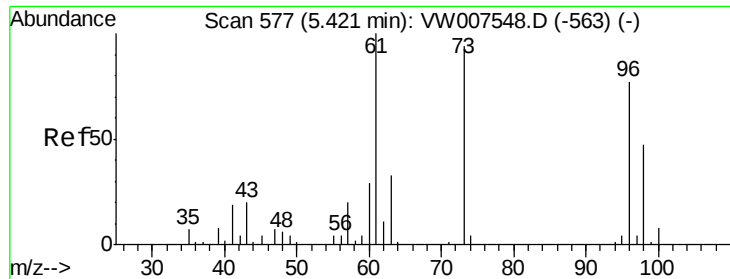
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#18
Methyl Acetate
Concen: 50.850 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 43 Resp: 17848
Ion Ratio Lower Upper
43 100
74 25.6 21.1 31.7





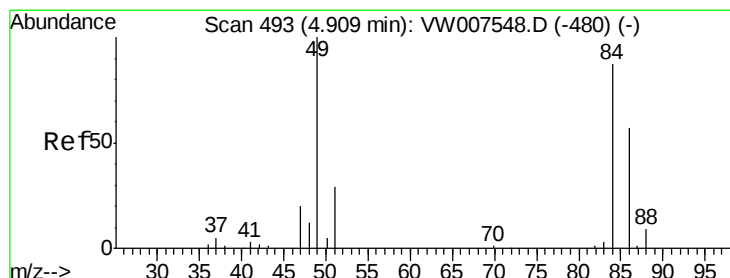
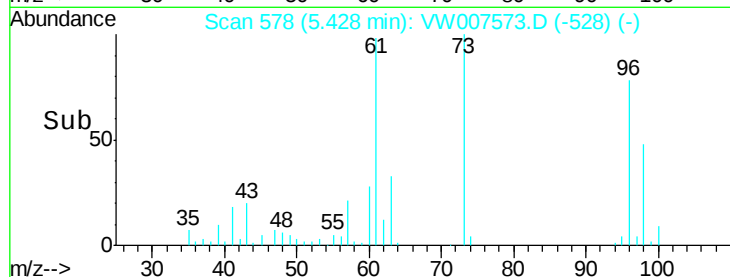
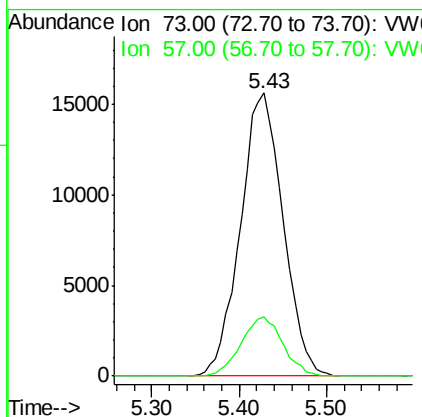
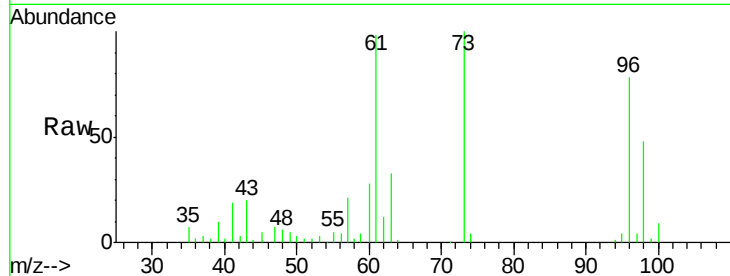
#19
Methyl tert-butyl Ether
Concen: 53.542 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 52877
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6

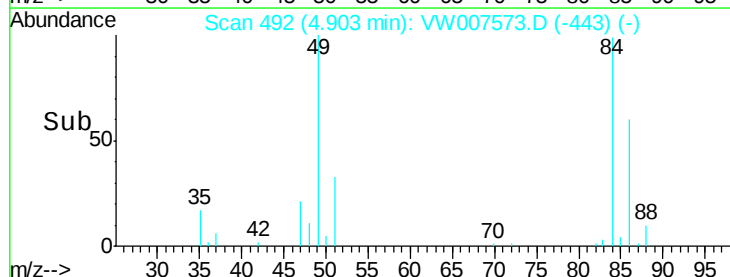
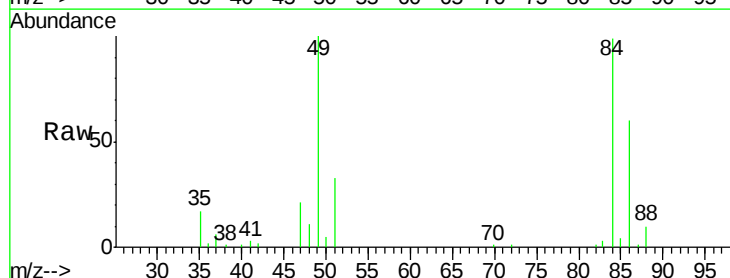
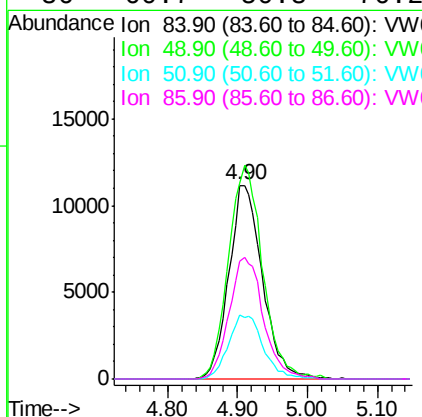
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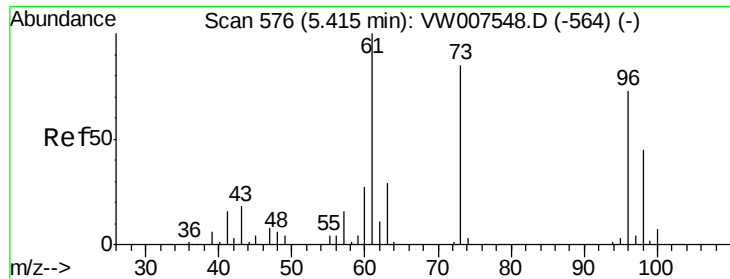
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#20
Methylene Chloride
Concen: 52.762 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 84 Resp: 37160
Ion Ratio Lower Upper
84 100
49 101.2 87.1 130.7
51 33.0 28.2 42.2
86 60.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.309 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 37575

Ion Ratio Lower Upper

96 100

61 135.4 105.0 157.6

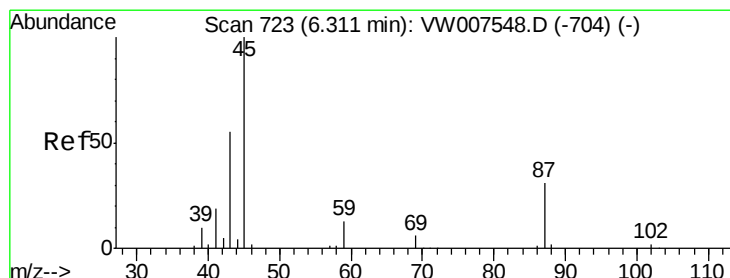
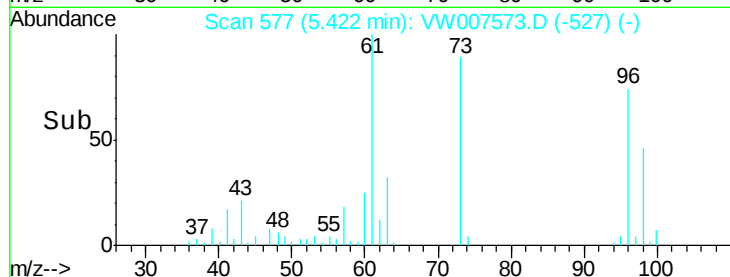
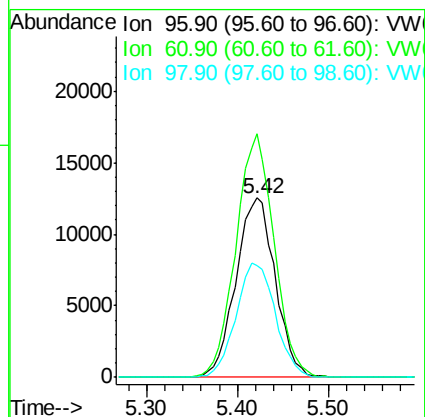
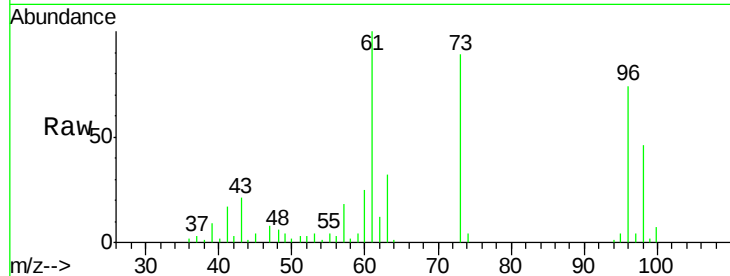
98 62.2 49.7 74.5

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#22

Diisopropyl ether

Concen: 51.138 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion: 45 Resp: 94851

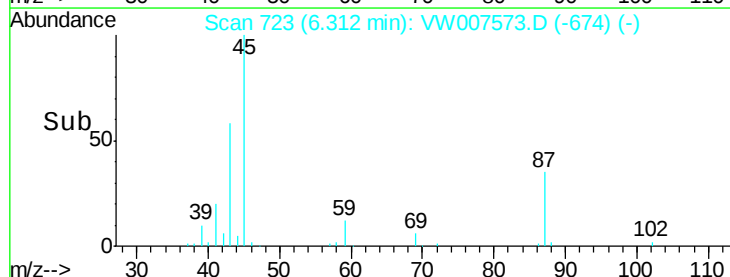
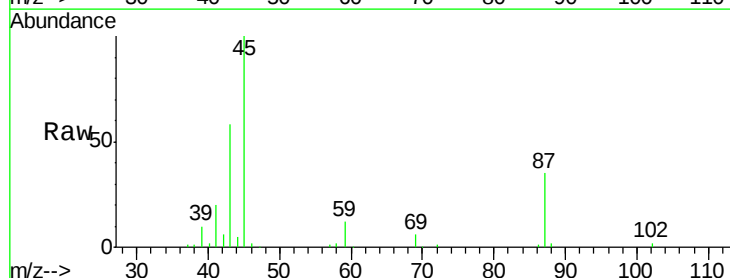
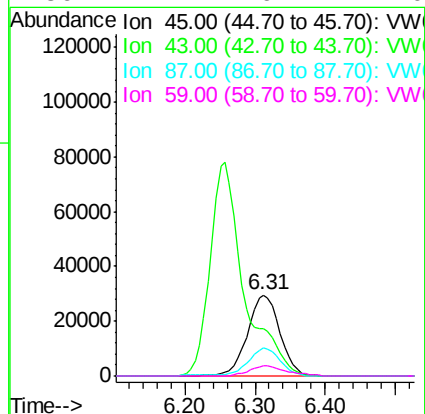
Ion Ratio Lower Upper

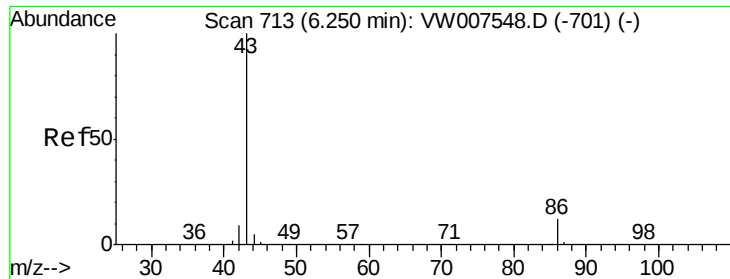
45 100

43 57.6 41.6 62.4

87 34.5 24.3 36.5

59 12.4 9.4 14.0





#23

Vinyl Acetate

Concen: 252.835 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 262305

Ion Ratio Lower Upper

43 100

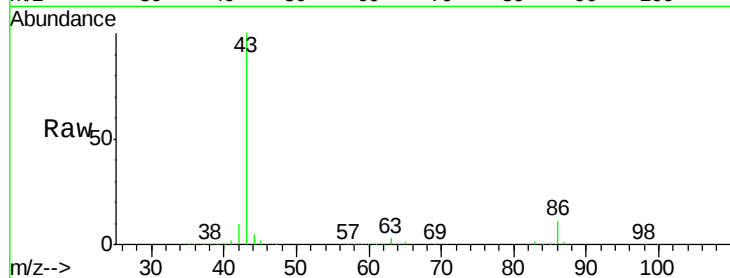
86 11.5 8.6 12.8

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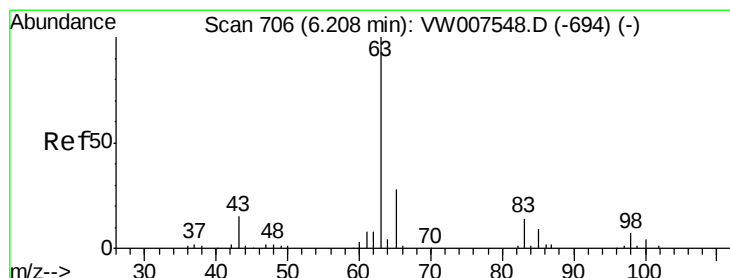
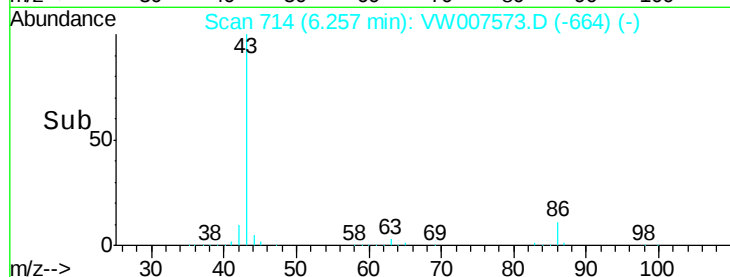
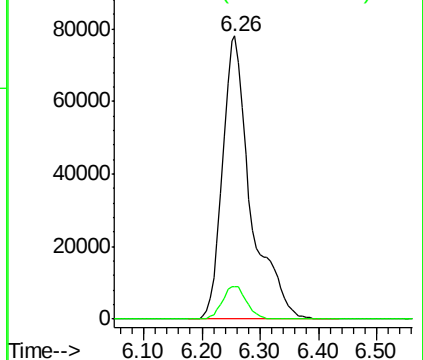
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.425 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

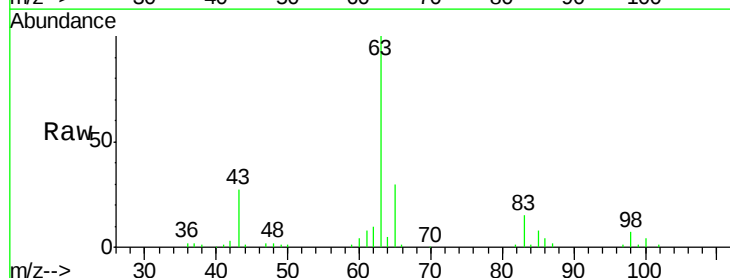
Tgt Ion: 63 Resp: 64466

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

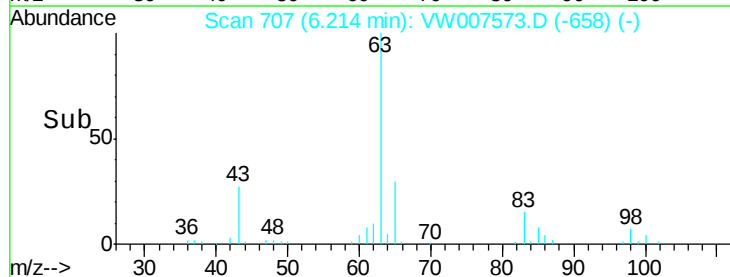
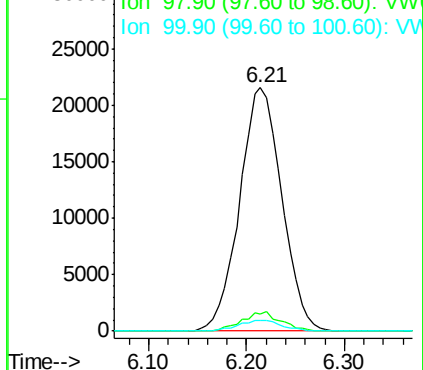
100 4.5 2.5 7.5

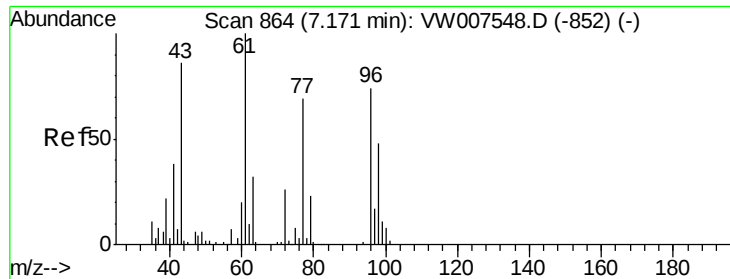


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 247.209 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 41736

Ion Ratio Lower Upper

43 100

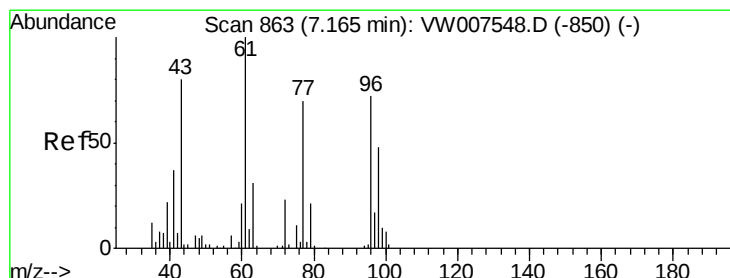
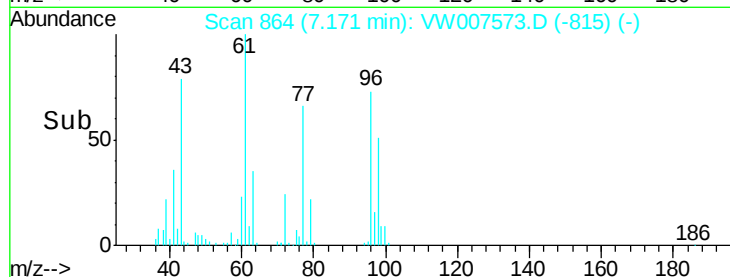
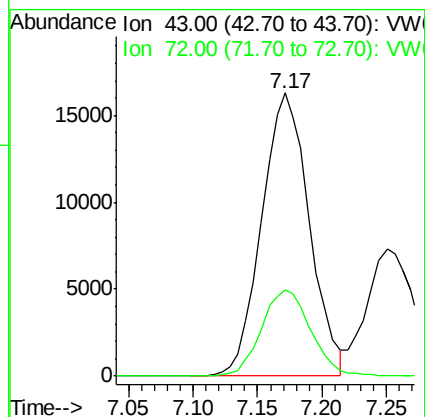
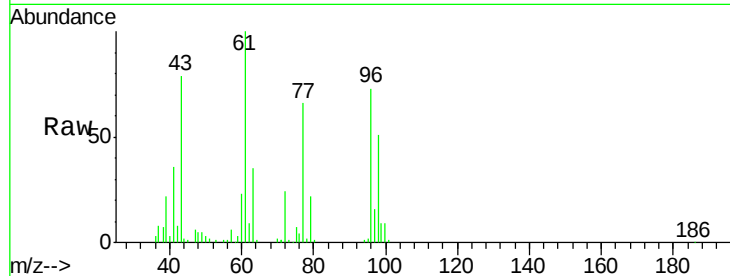
72 30.7 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.033 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007573.D

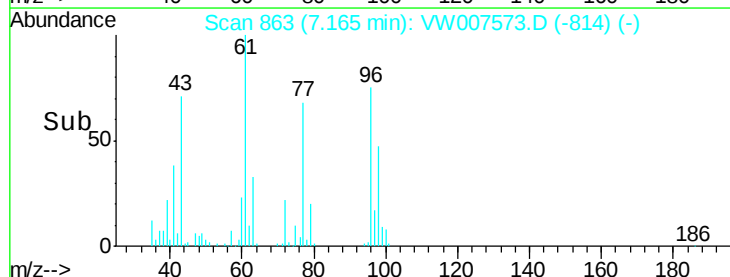
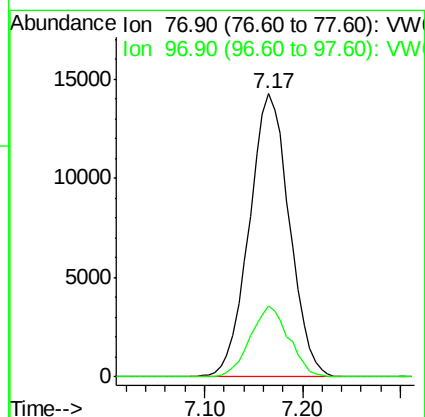
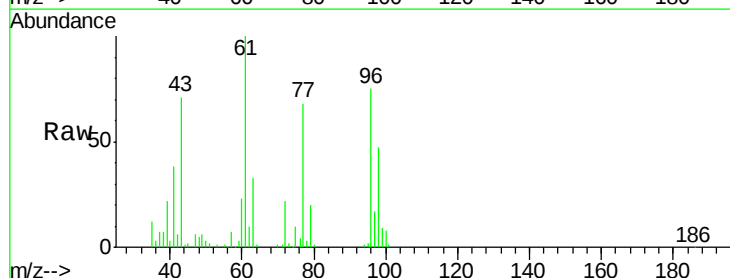
Acq: 15 Dec 2018 10:59

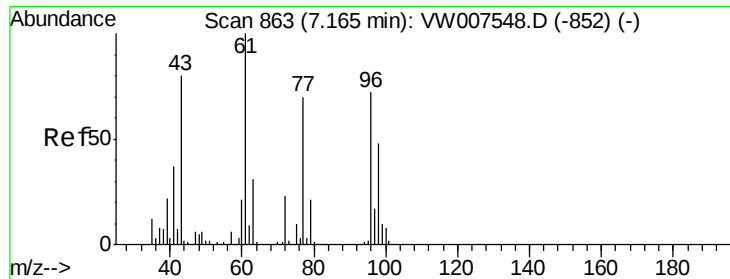
Tgt Ion: 77 Resp: 40680

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

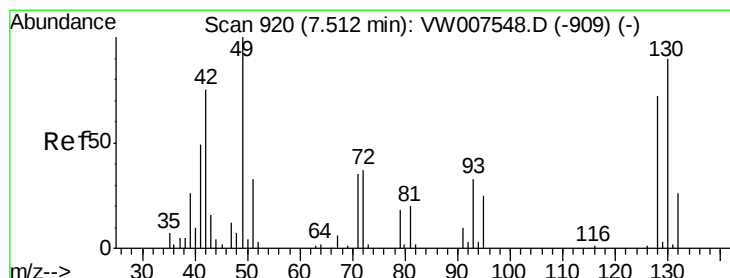
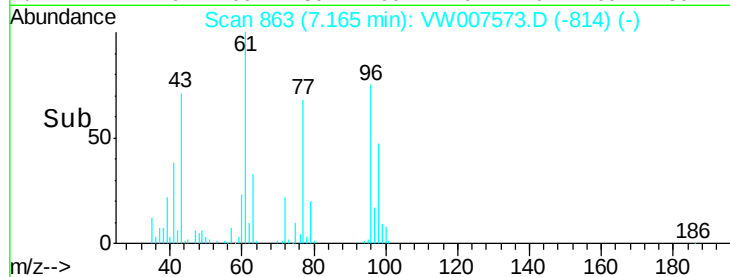
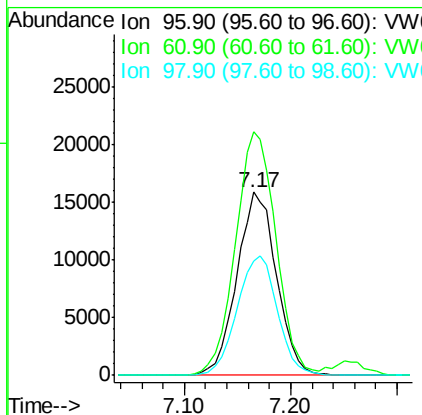
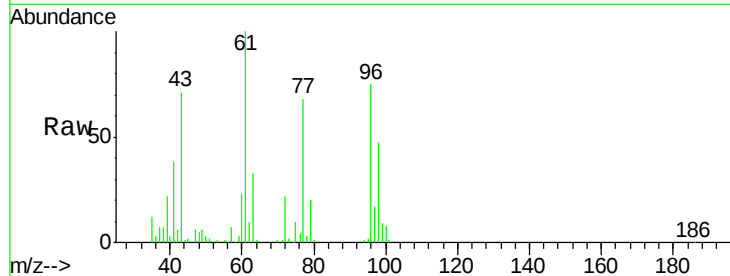
cis-1,2-Dichloroethene
Concen: 51.590 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	268.4
98	66.3	0.0	127.8

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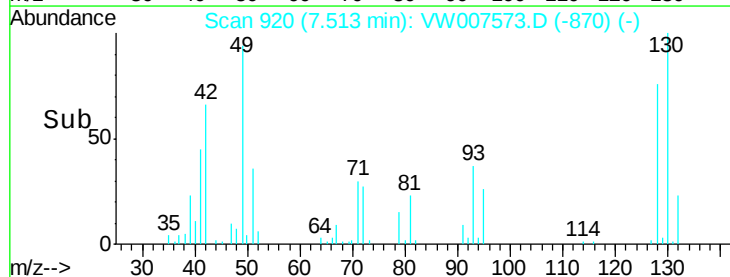
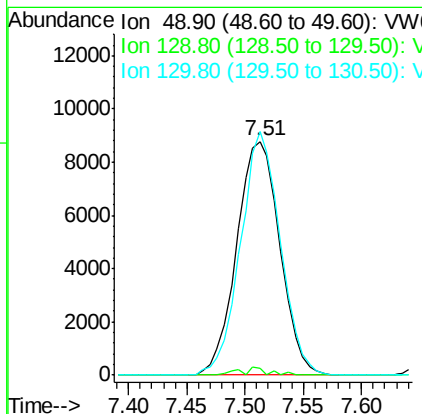
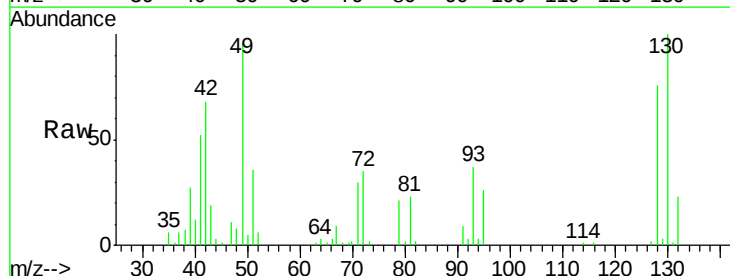
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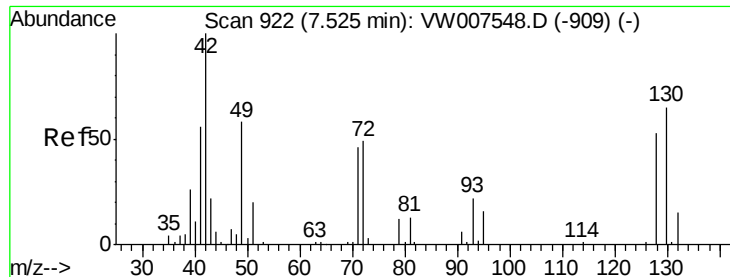


#28

Bromochloromethane
Concen: 48.001 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.6
130	96.0	75.9	113.9





#29

Tetrahydrofuran

Concen: 251.245 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

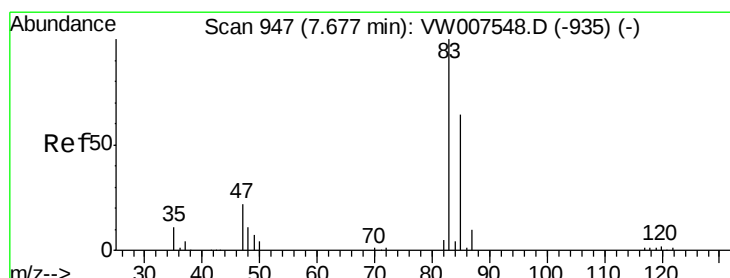
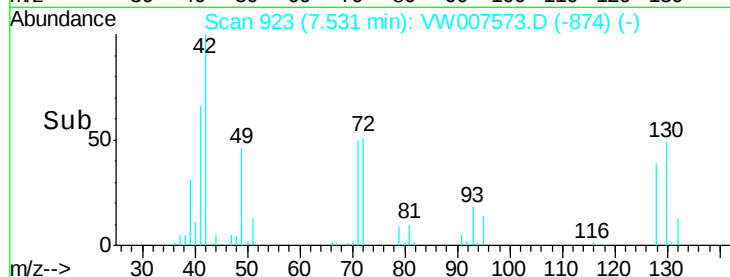
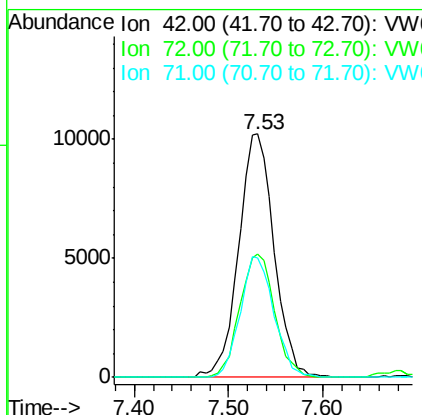
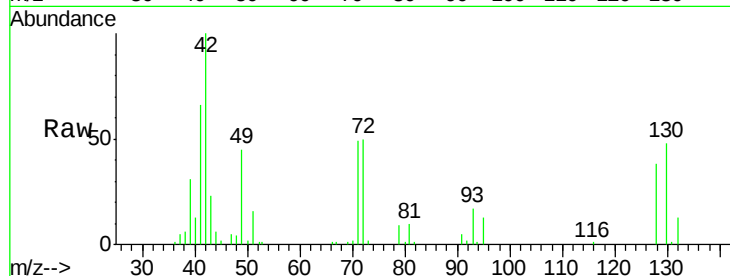
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	26853
Ion	Ratio	Lower	Upper
42	100		
72	49.8	38.2	57.4
71	47.5	35.5	53.3

Manual Integrations
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#30

Chloroform

Concen: 52.310 ug/l

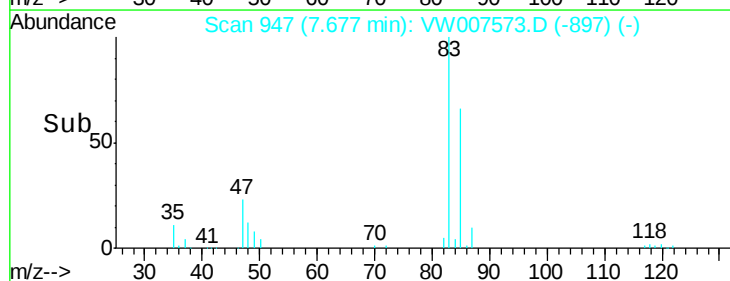
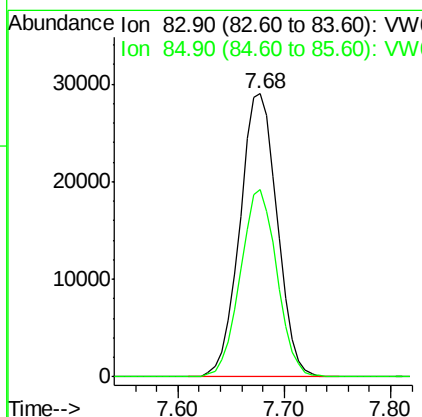
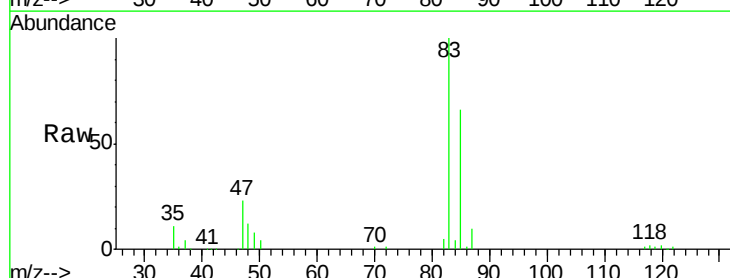
RT: 7.68 min Scan# 947

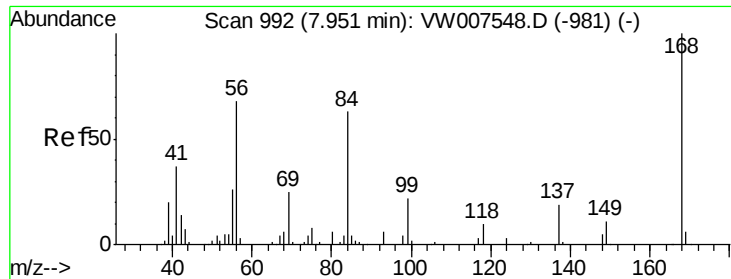
Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion:	83	Resp:	71362
Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.8





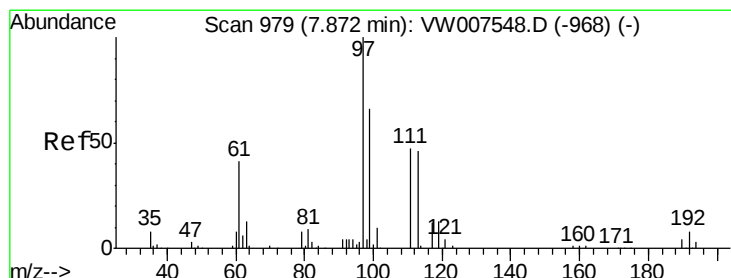
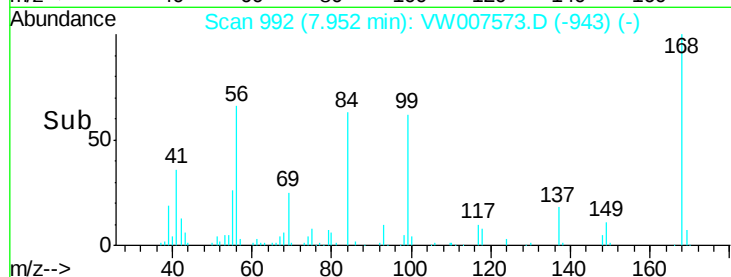
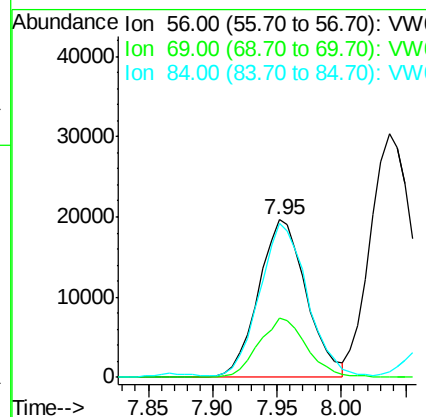
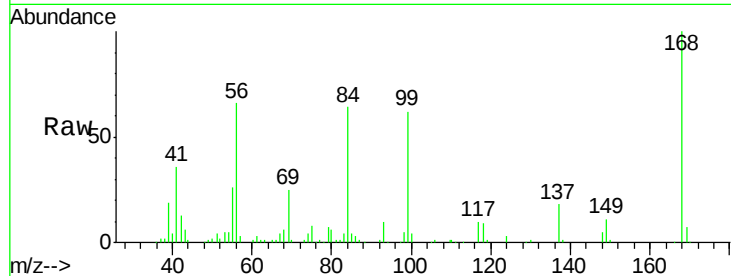
#31
Cyclohexane
Concen: 43.978 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.5	28.9	43.3
84	95.8	71.8	107.6

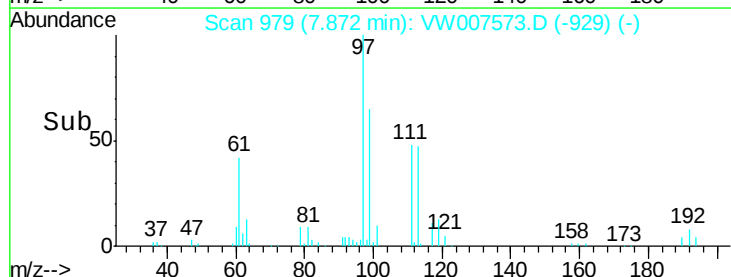
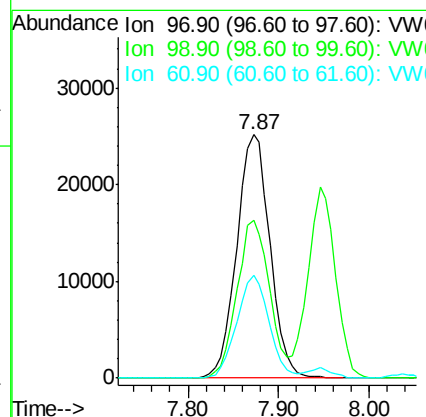
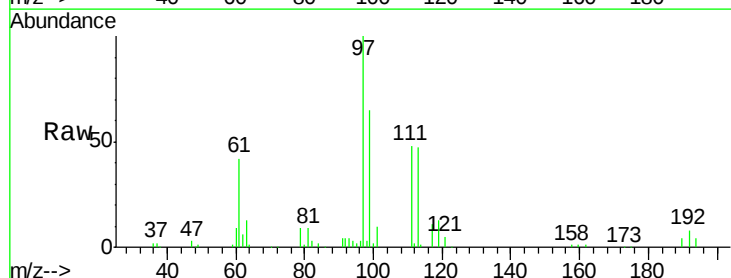
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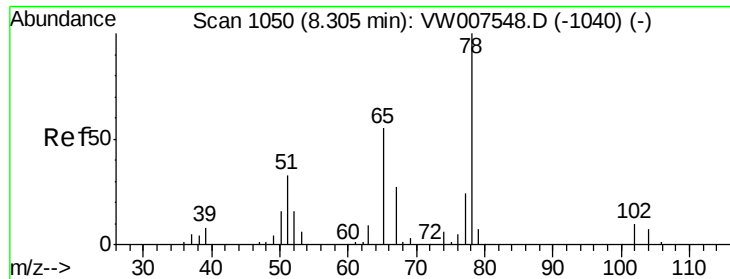
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#32
1,1,1-Trichloroethane
Concen: 53.358 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.1	76.7
61	40.8	33.2	49.8





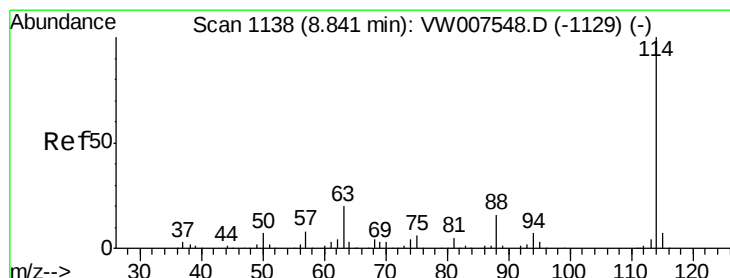
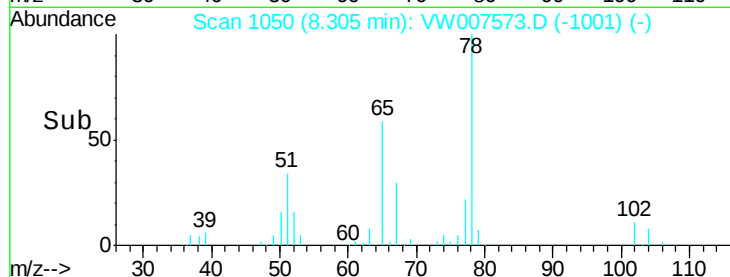
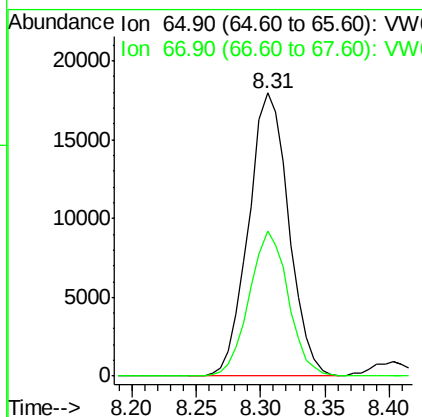
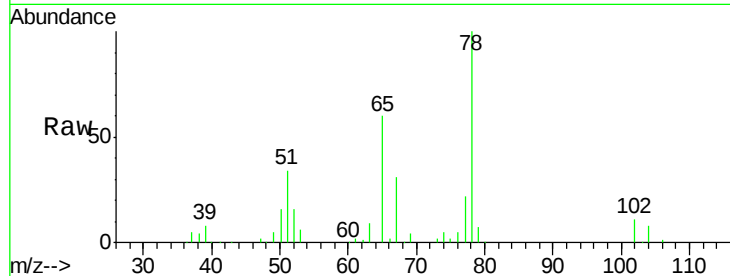
#33
 1,2-Dichloroethane-d4
 Concen: 52.483 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 38857
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.6

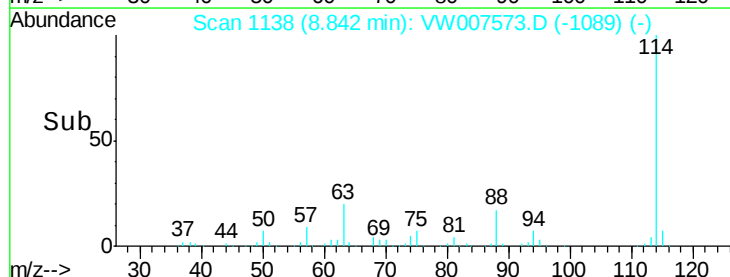
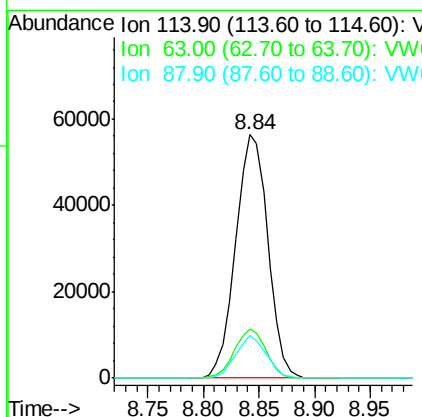
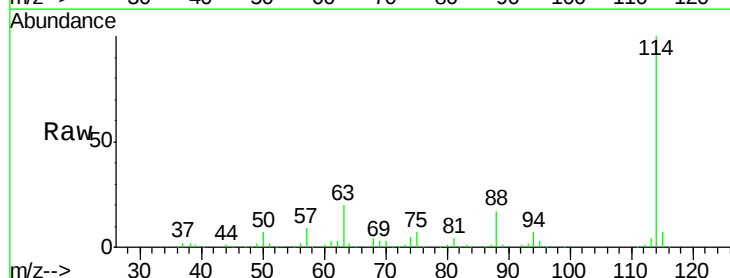
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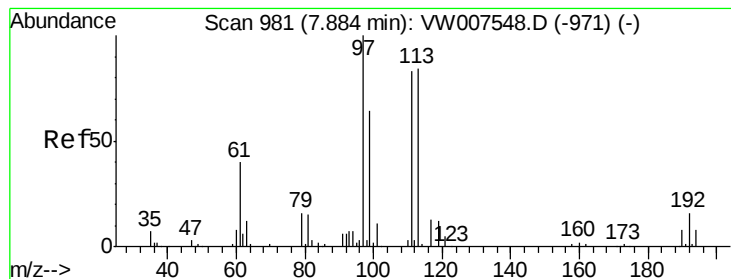
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion: 114 Resp: 113215
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.307 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

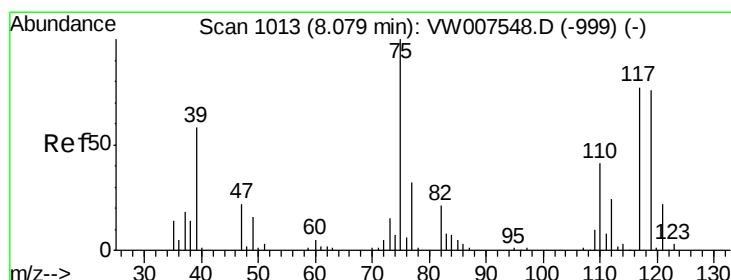
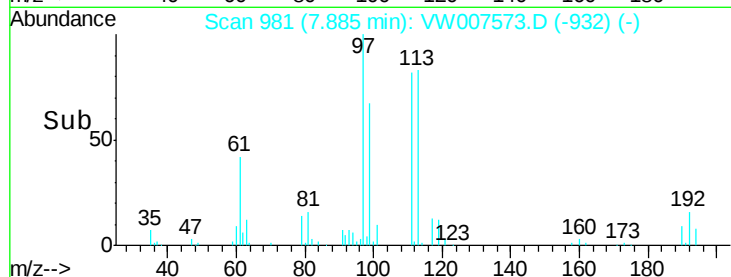
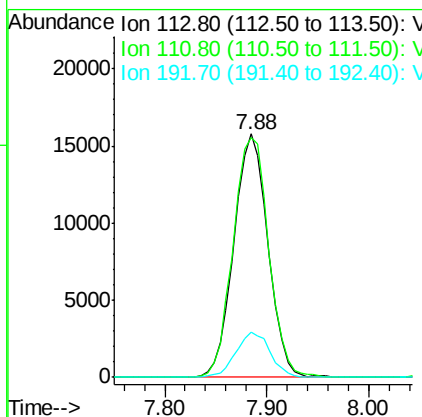
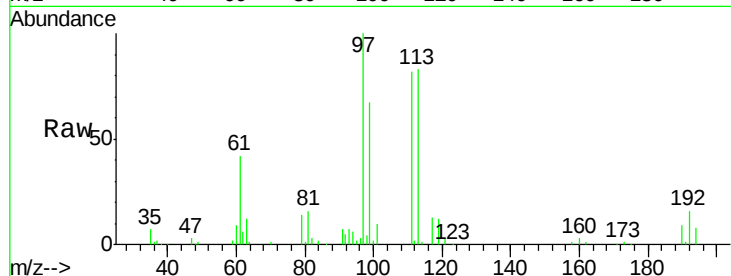
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	36533
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.1	121.7
192	18.7	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 50.558 ug/l

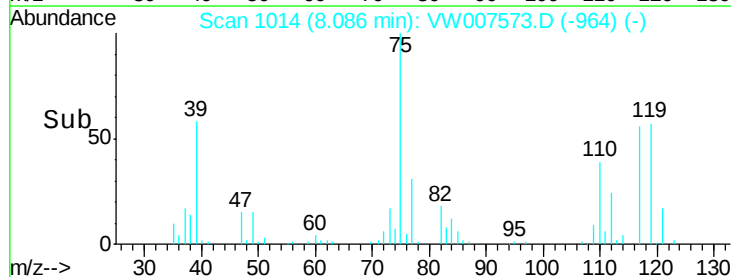
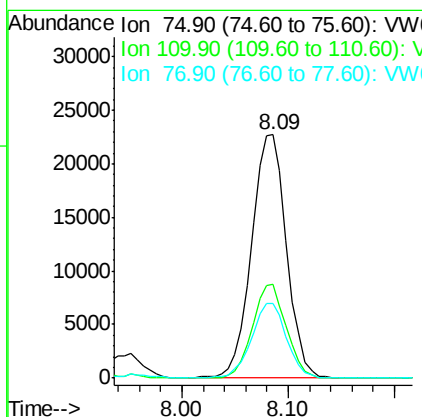
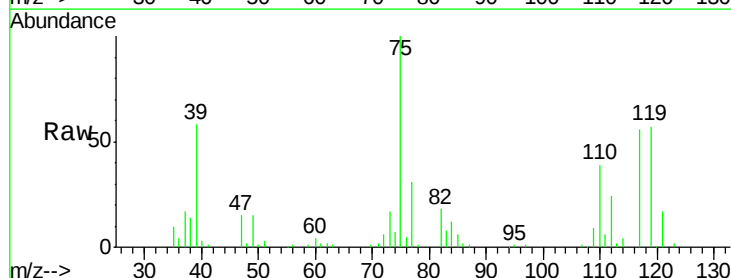
RT: 8.09 min Scan# 1014

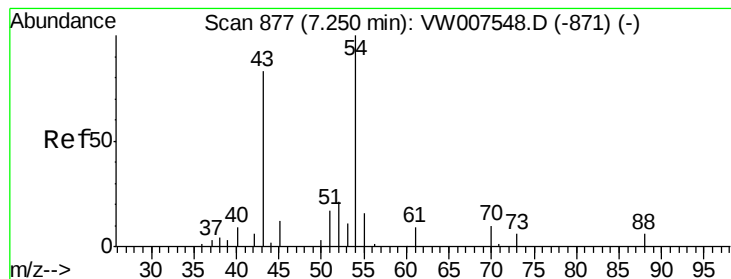
Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion:	75	Resp:	52216
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.5	55.5
77	31.0	25.6	38.4





#37

Ethyl Acetate

Concen: 51.045 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

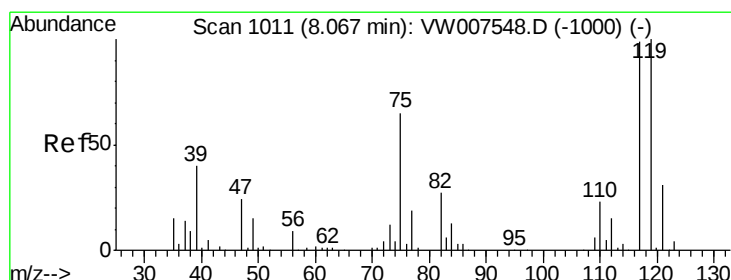
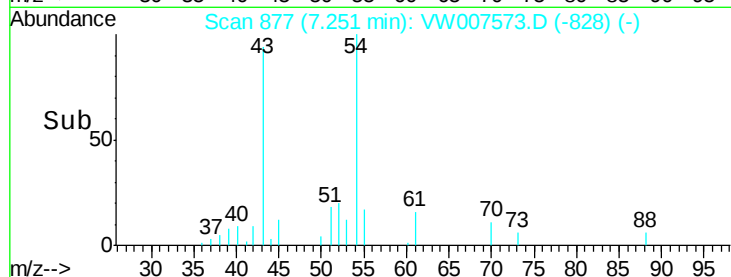
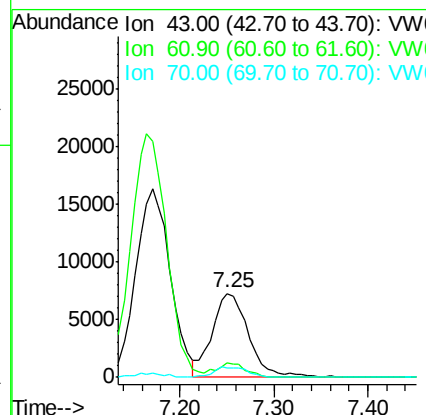
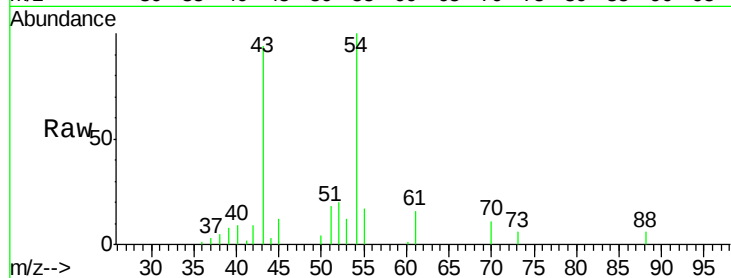
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	19608
Ion	Ratio	Lower	Upper
43	100		
61	13.6	12.1	18.1
70	11.6	10.0	15.0

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#38

Carbon Tetrachloride

Concen: 53.316 ug/l

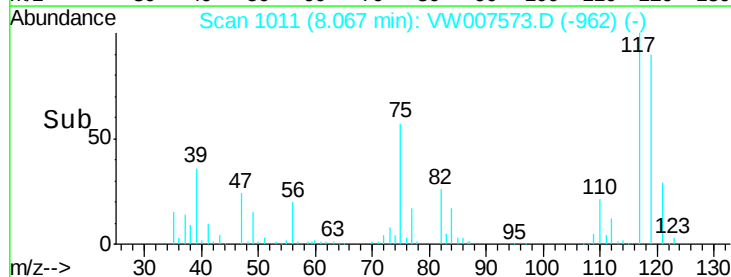
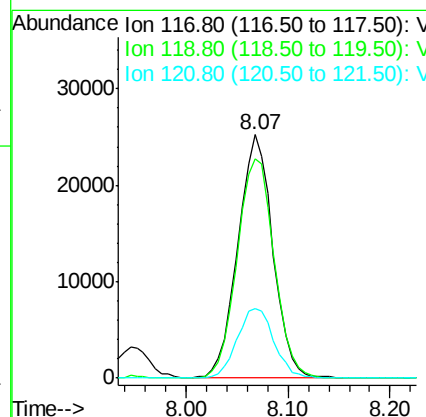
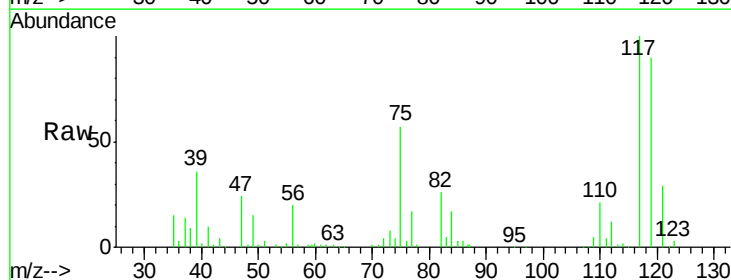
RT: 8.07 min Scan# 1011

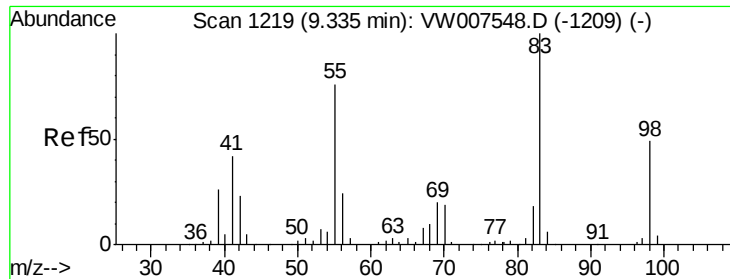
Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion:	117	Resp:	59914
Ion	Ratio	Lower	Upper
117	100		
119	90.1	74.3	111.5
121	28.6	24.3	36.5





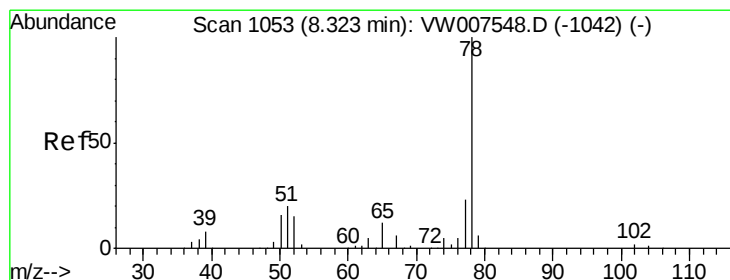
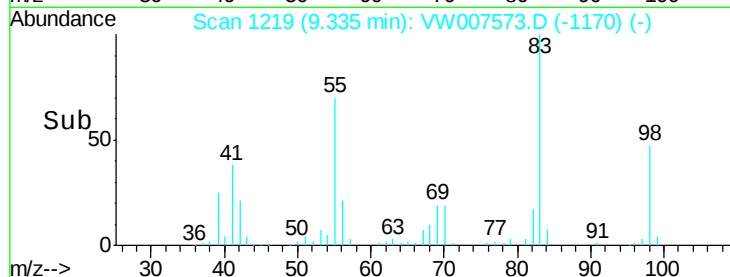
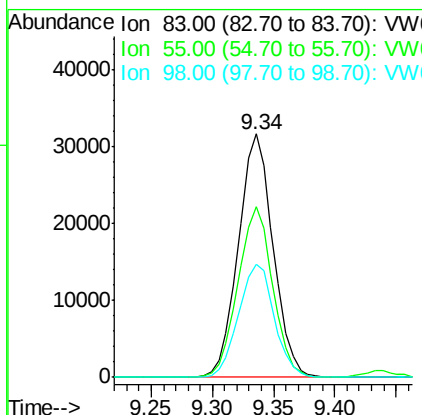
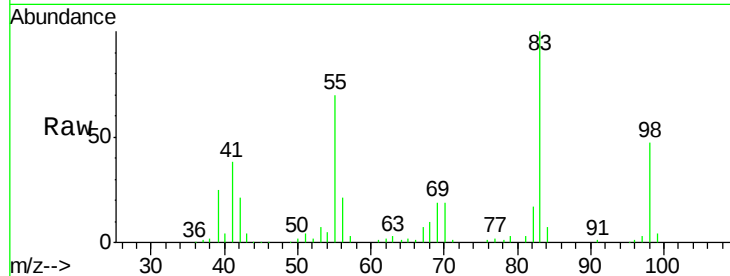
#39
Methylcyclohexane
Concen: 49.865 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.9	62.8	94.2
98	46.6	42.2	63.2

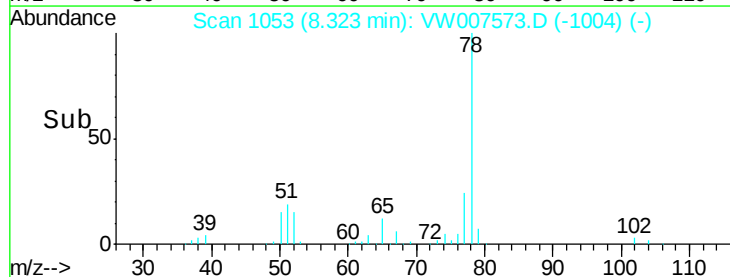
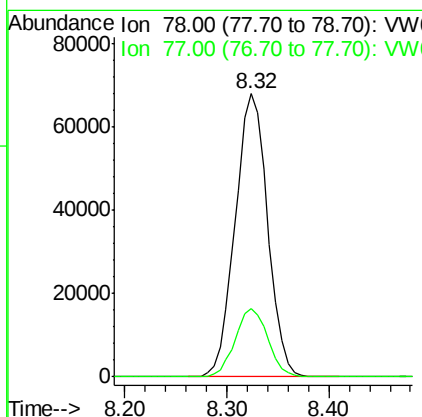
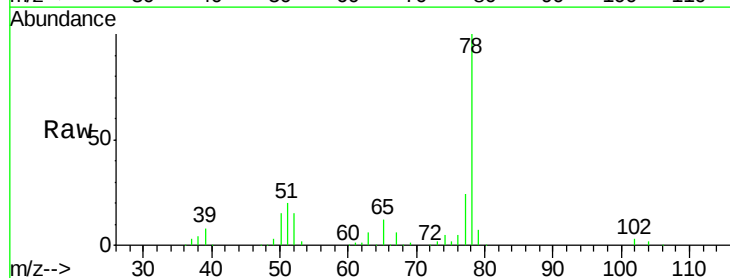
Manual Integrations
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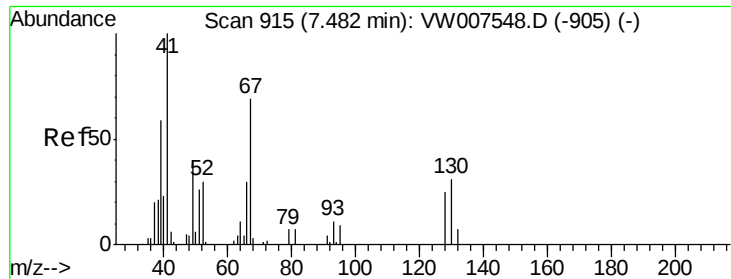
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#40
Benzene
Concen: 52.183 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





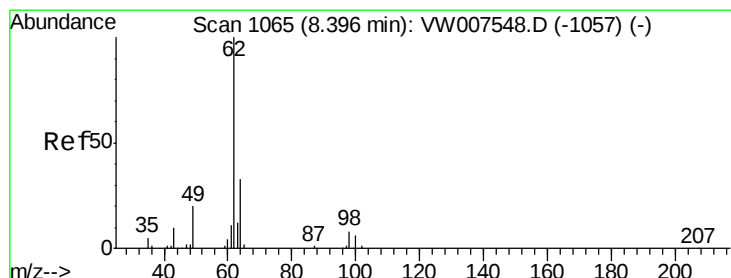
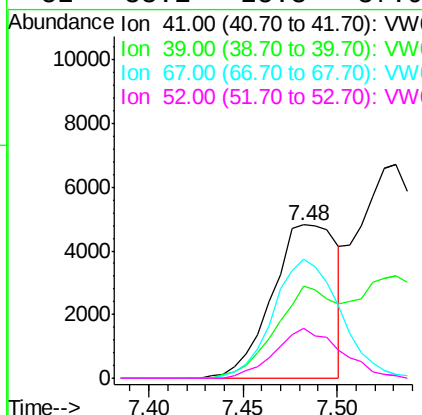
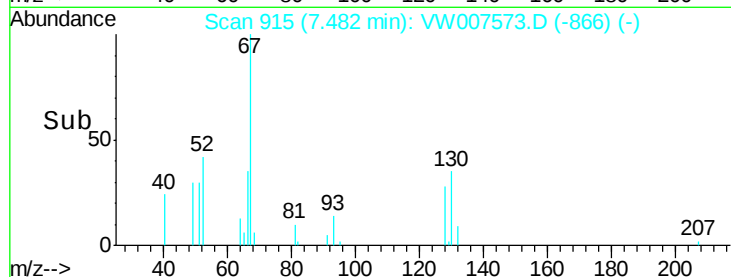
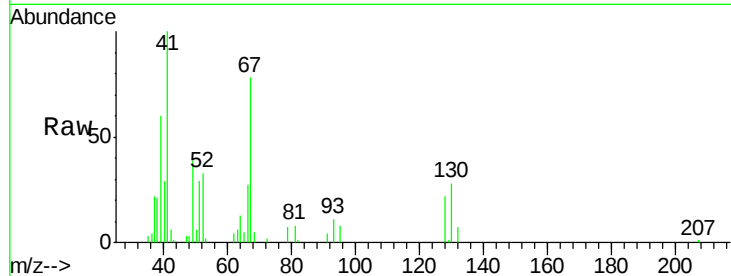
#41
Methacrylonitrile
Concen: 52.623 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	52.2	78.2	
67	80.4	60.5	90.7	
52	33.1	25.3	37.9	

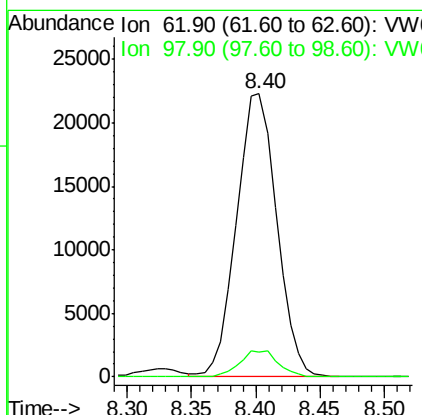
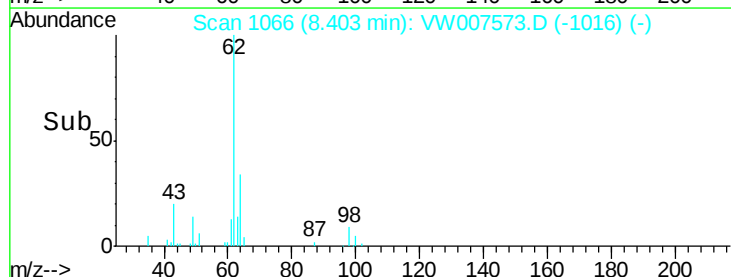
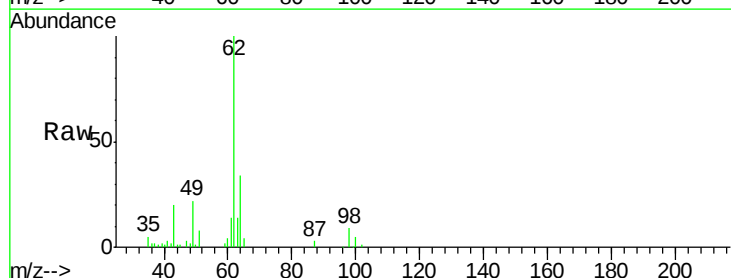
Manual Integrations
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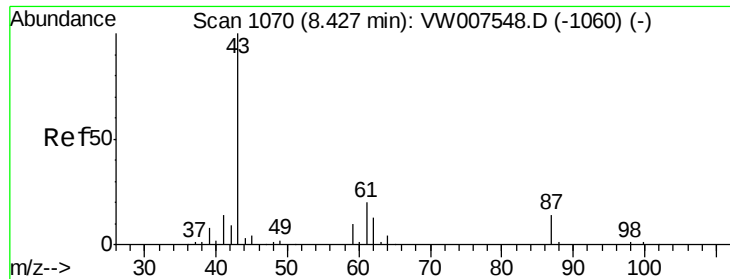
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#42
1,2-Dichloroethane
Concen: 53.824 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.6	





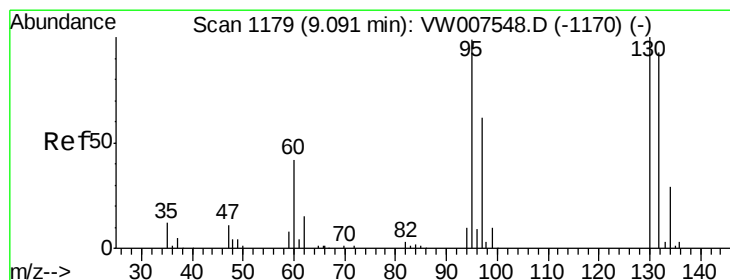
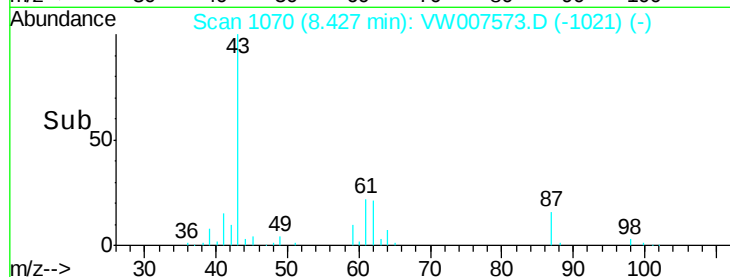
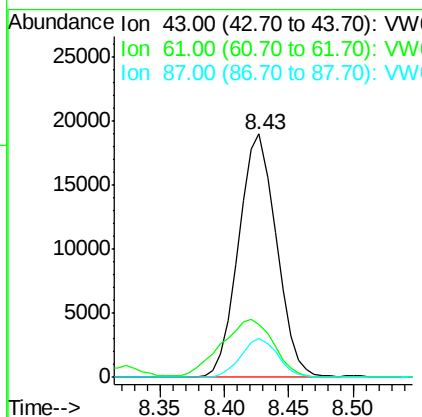
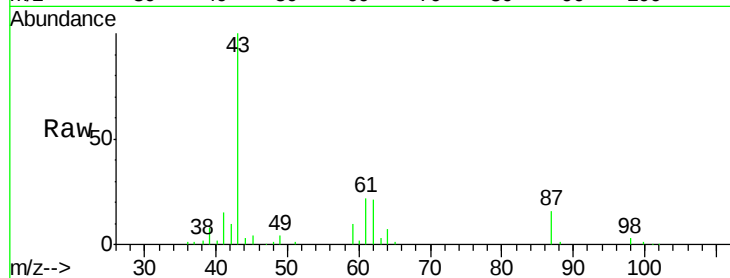
#43
Isopropyl Acetate
Concen: 50.991 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.1	25.3	37.9
87	15.6	11.8	17.8

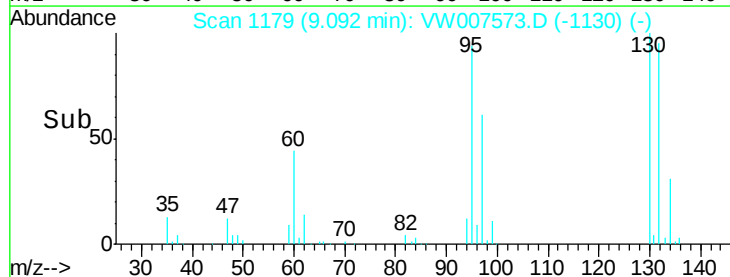
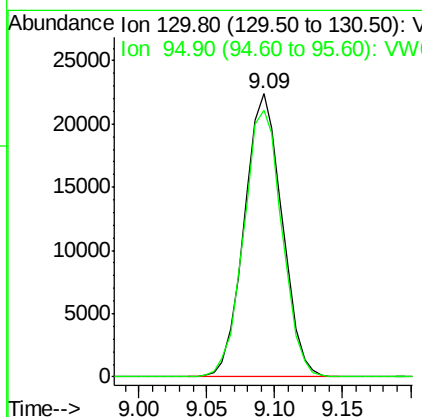
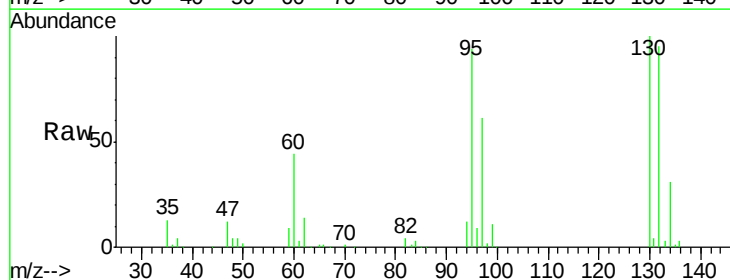
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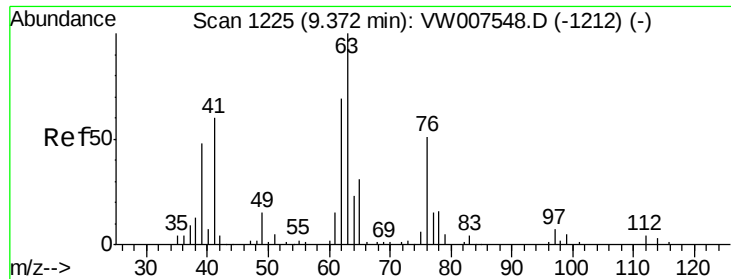
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#44
Trichloroethene
Concen: 53.195 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	193.2





#45

1,2-Dichloropropane

Concen: 52.873 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 35069

Ion Ratio Lower Upper

63 100

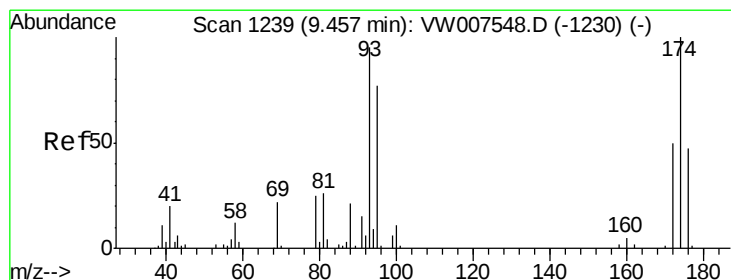
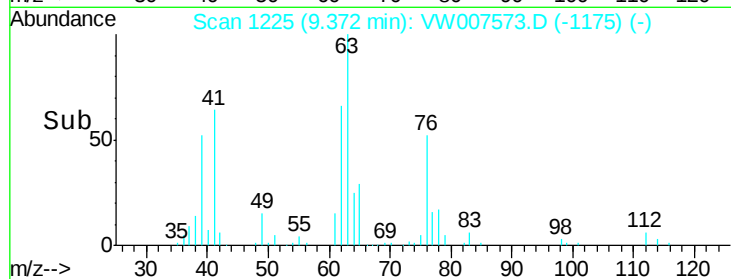
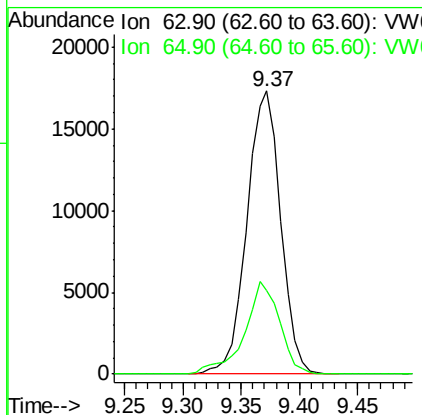
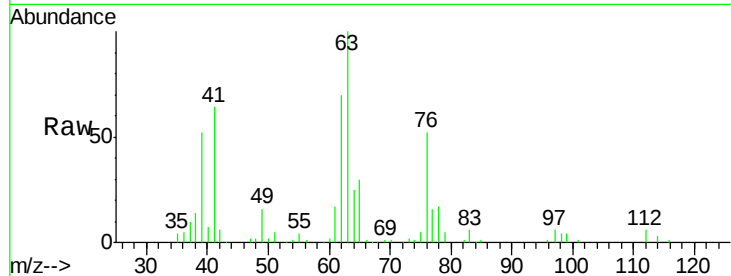
65 29.6 24.4 36.6

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#46

Dibromomethane

Concen: 53.367 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

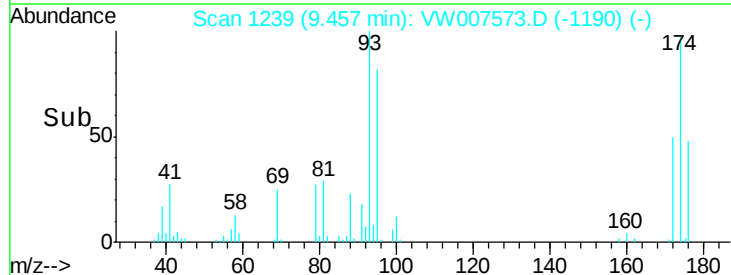
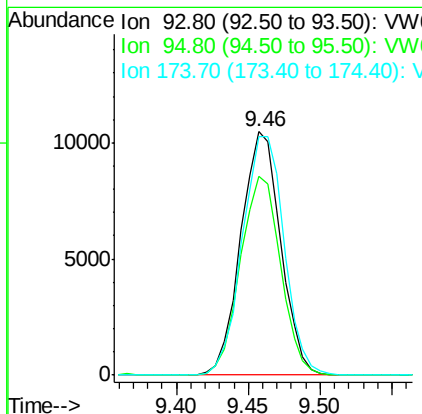
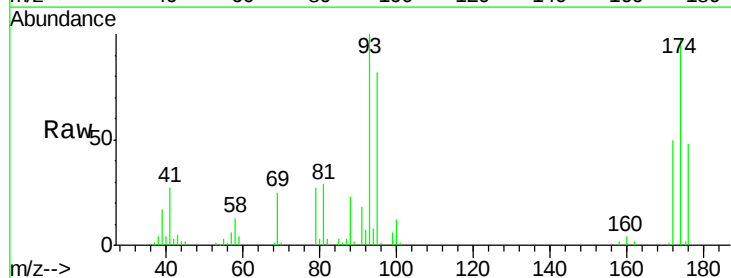
Tgt Ion: 93 Resp: 20101

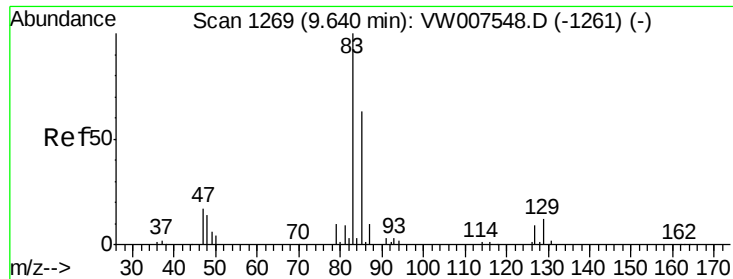
Ion Ratio Lower Upper

93 100

95 82.4 68.0 102.0

174 102.5 83.2 124.8





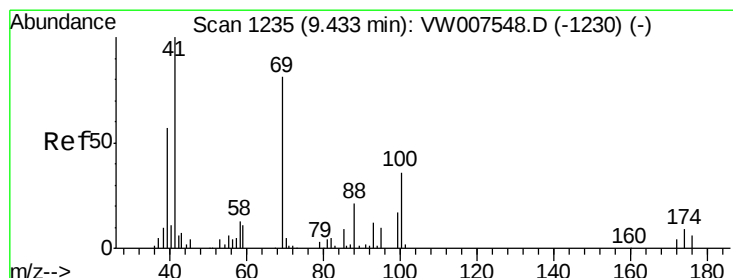
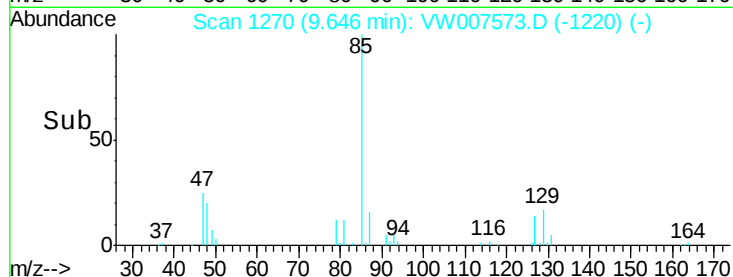
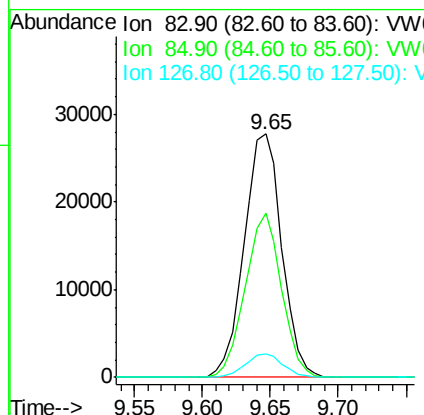
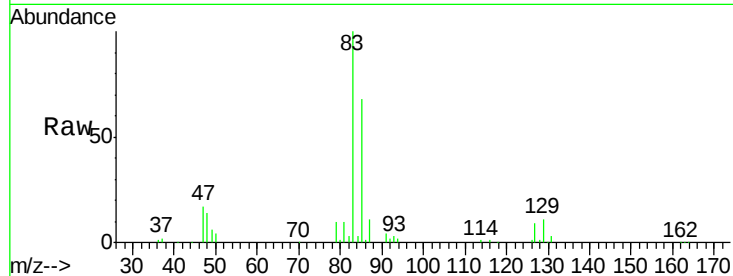
#47
Bromodichloromethane
Concen: 54.299 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	53646		
85	67.7	47.6	71.4	
127	9.5	6.7	10.1	

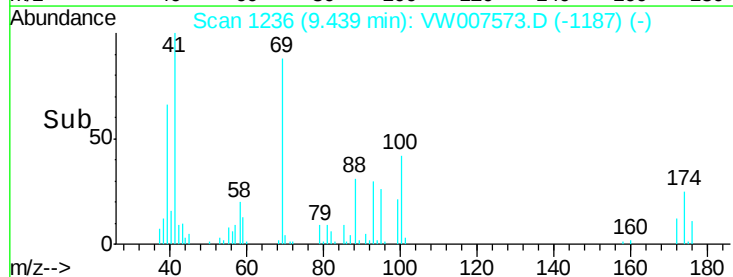
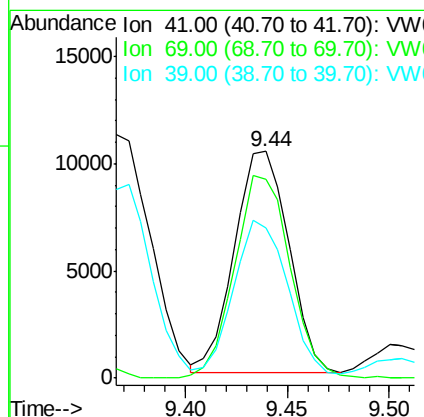
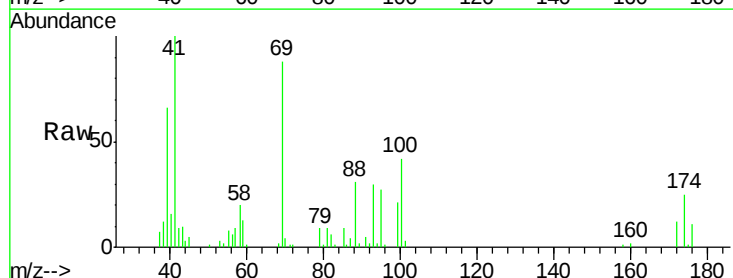
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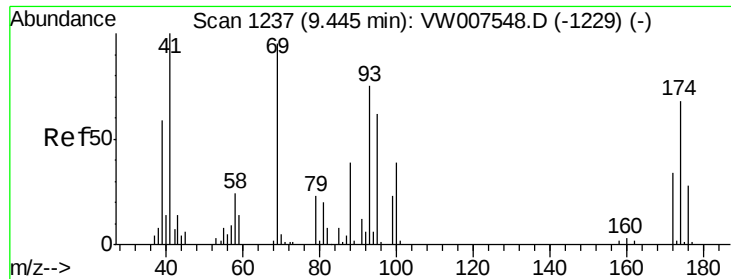
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#48
Methyl methacrylate
Concen: 48.785 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	19011		
69	94.3	69.8	104.8	
39	72.8	50.9	76.3	





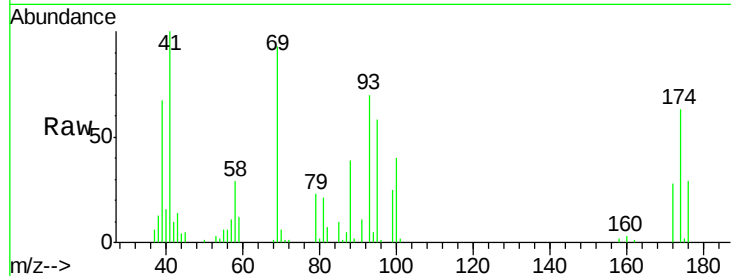
#49
1,4-Dioxane
Concen: 1166.157 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.2	25.0	37.4
58	66.3	51.4	77.2

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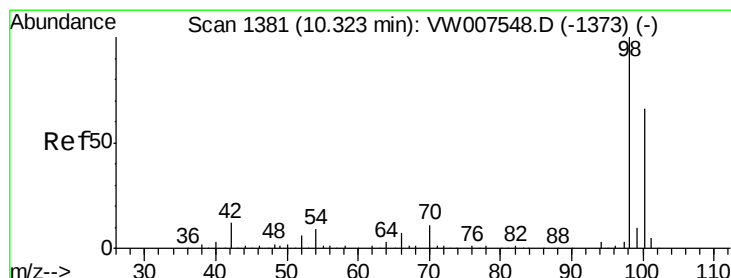
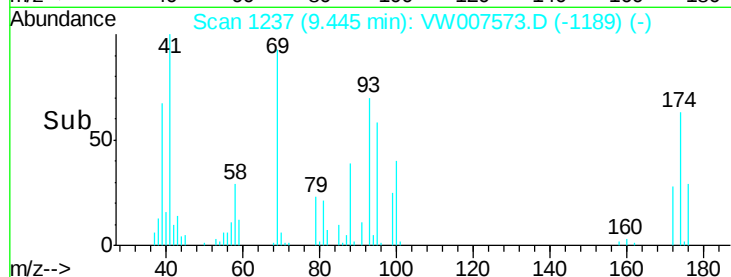
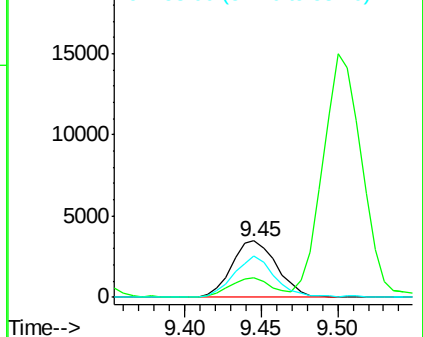


Abundance

Ion 88.00 (87.70 to 88.70): VW

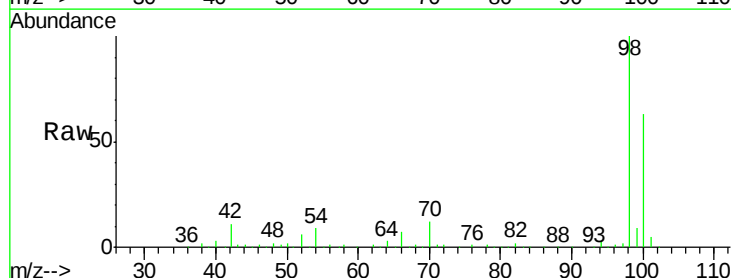
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 53.697 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

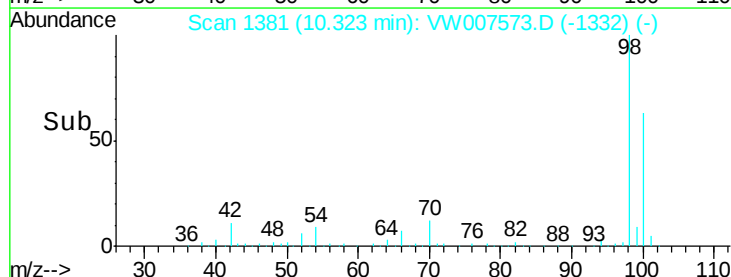
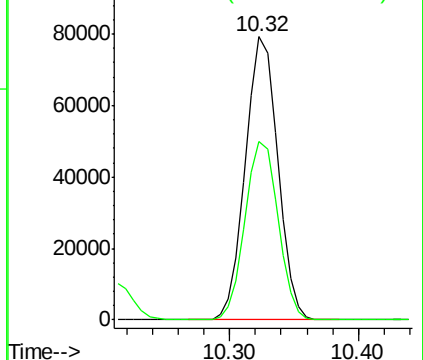
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.8

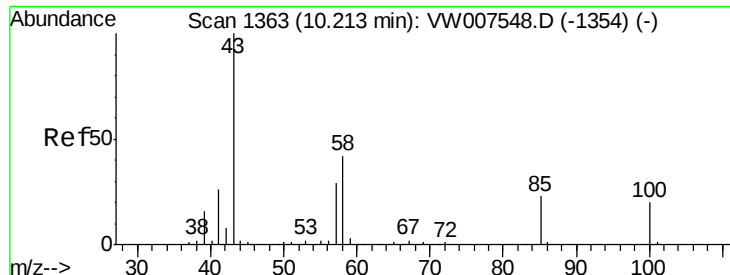


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





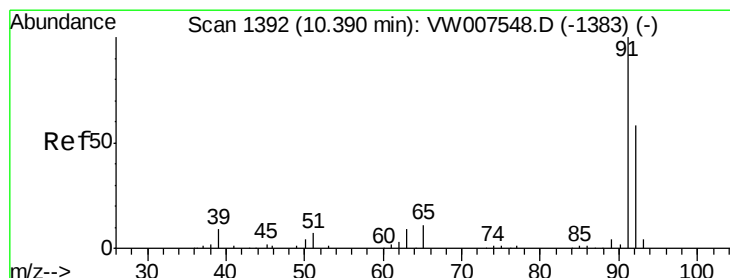
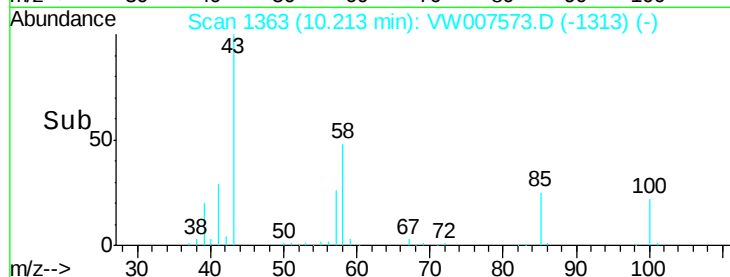
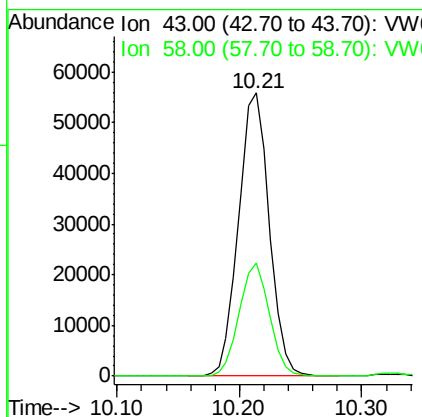
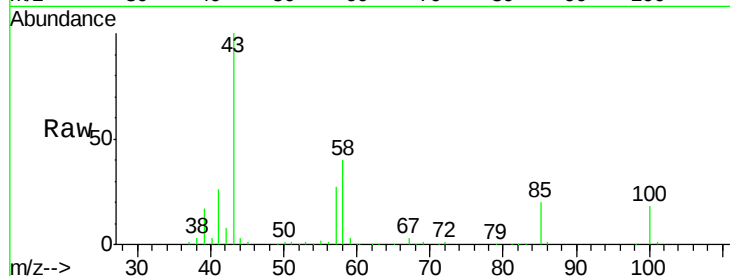
#51
 4-Methyl-2-Pentanone
 Concen: 271.326 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 97276
 Ion Ratio Lower Upper
 43 100
 58 39.3 33.1 49.7

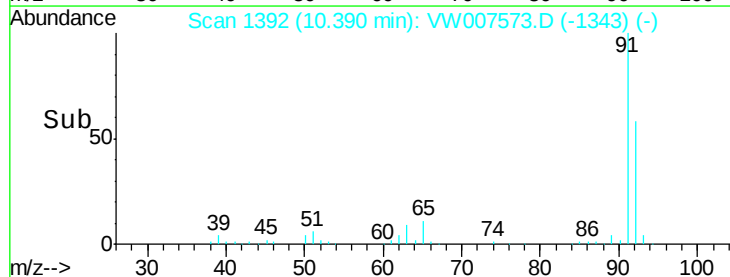
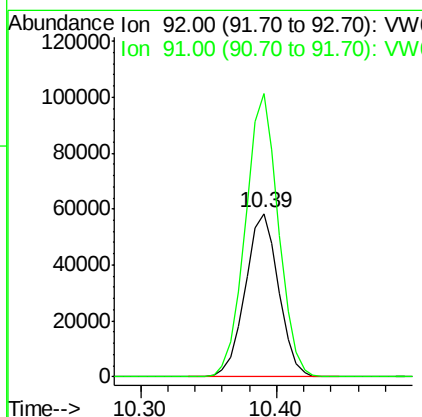
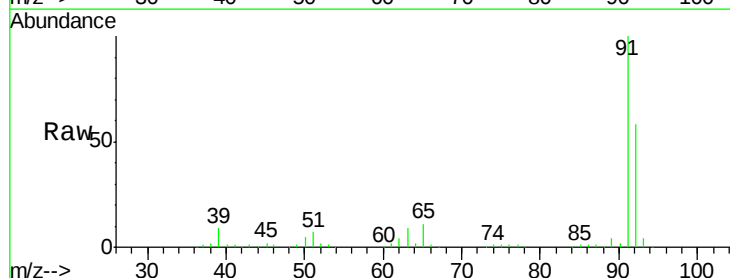
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#52
 Toluene
 Concen: 53.689 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion: 92 Resp: 99583
 Ion Ratio Lower Upper
 92 100
 91 172.3 136.2 204.2





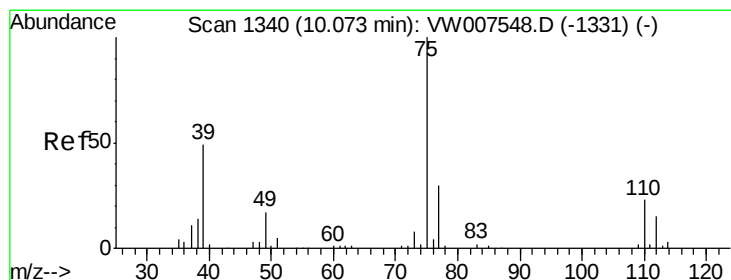
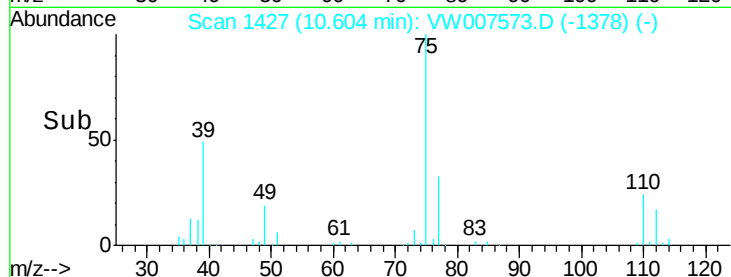
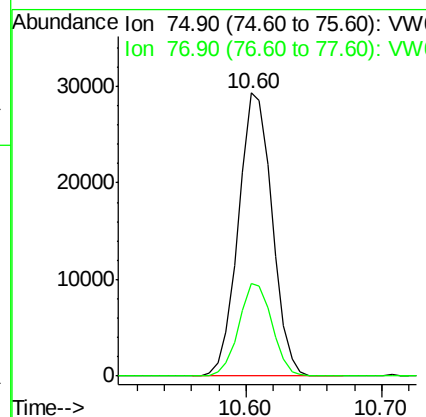
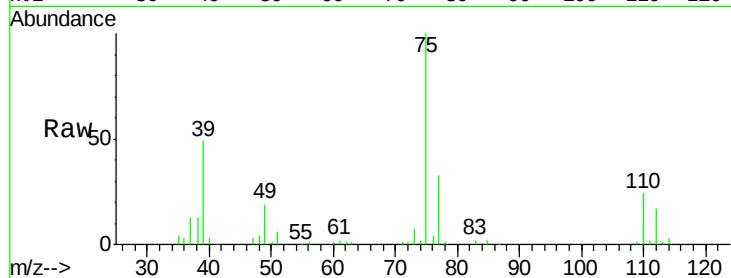
#53
t-1,3-Dichloropropene
Concen: 52.924 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 50763
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.4

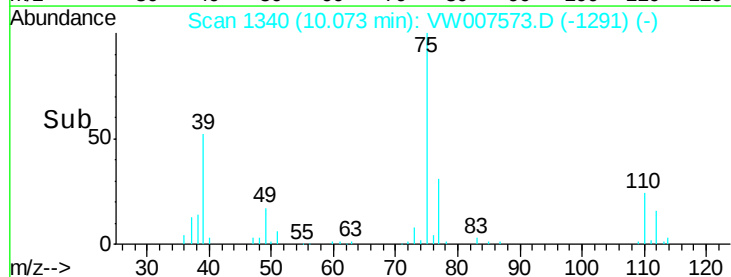
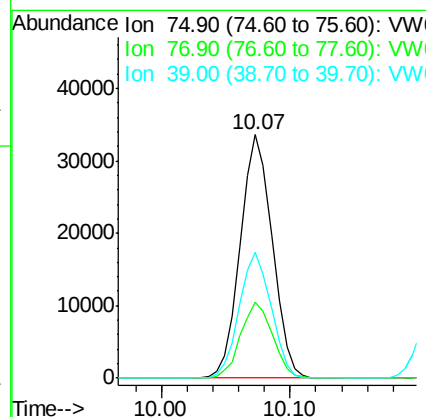
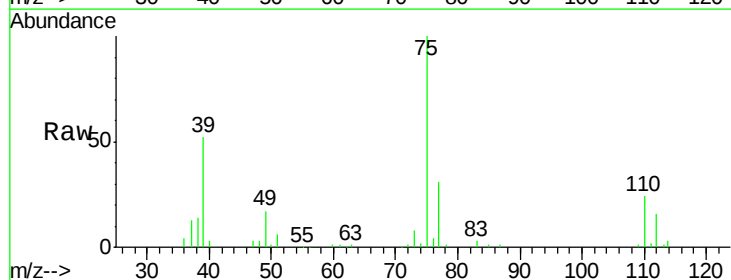
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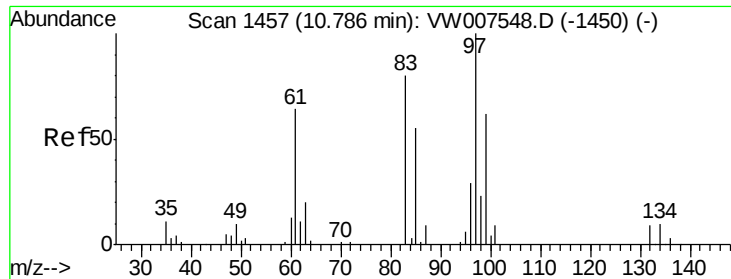
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#54
cis-1,3-Dichloropropene
Concen: 52.281 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 75 Resp: 57969
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 51.5 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 56.534 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

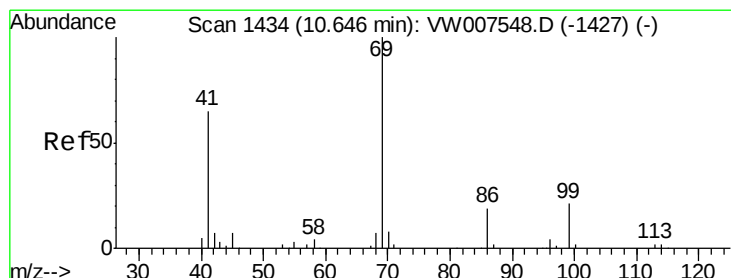
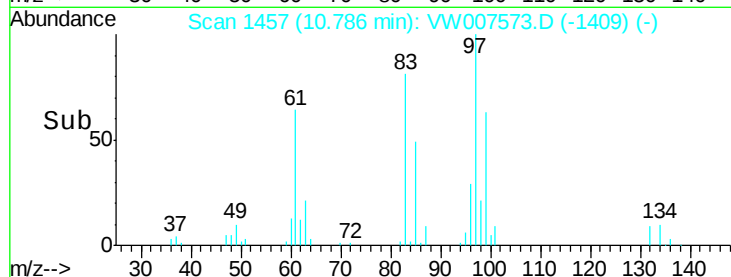
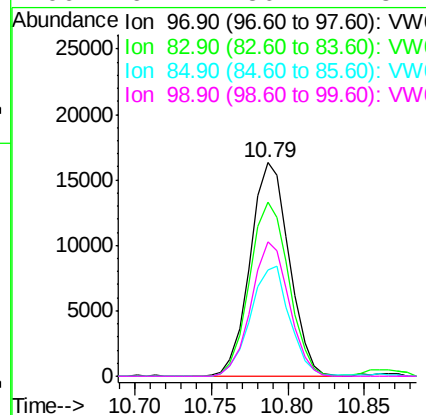
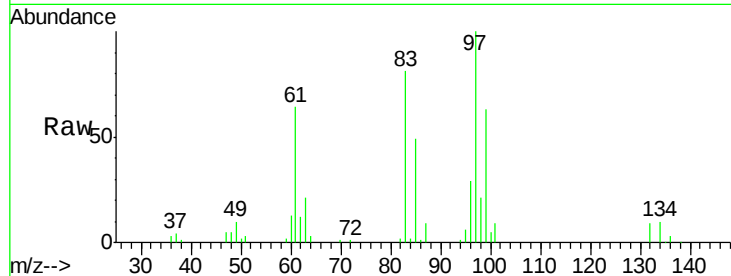
ClientSampleId :

VSTDCCC050

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28981		
83	81.4	62.1	93.1		
85	49.5	44.2	66.4		
99	62.7	50.2	75.4		

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#56

Ethyl methacrylate

Concen: 56.188 ug/l

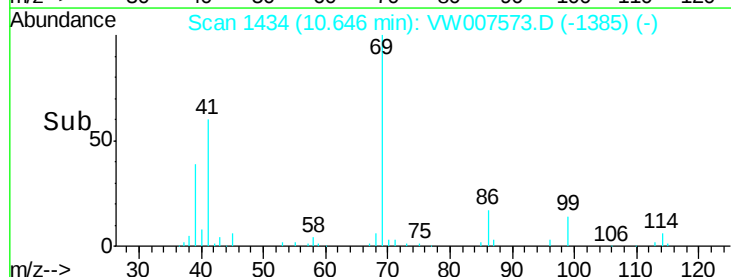
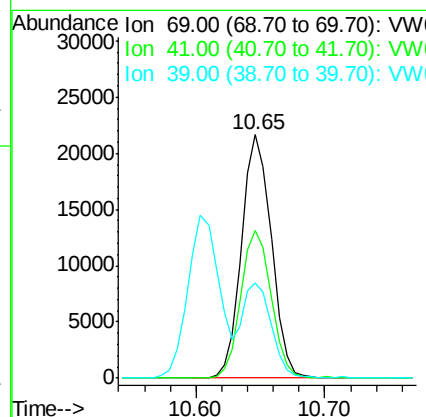
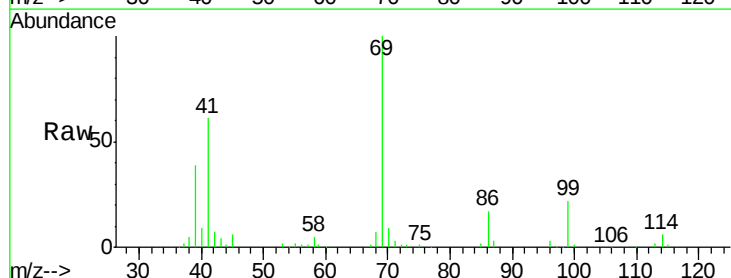
RT: 10.65 min Scan# 1434

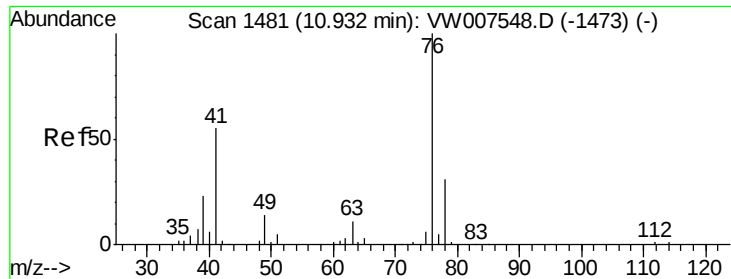
Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		34621		
41	62.3	51.0	76.6		
39	38.8	30.8	46.2		





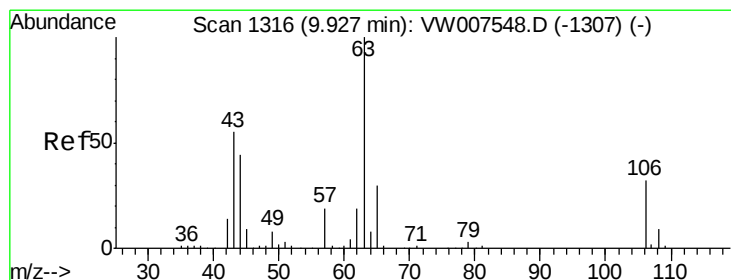
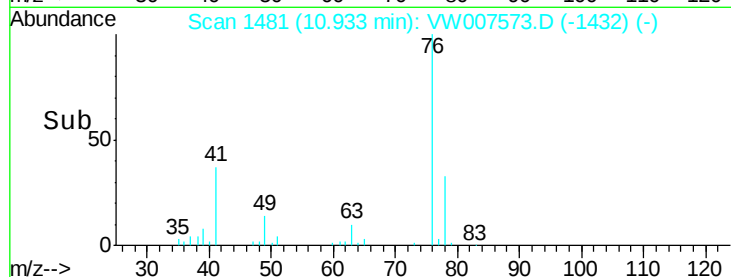
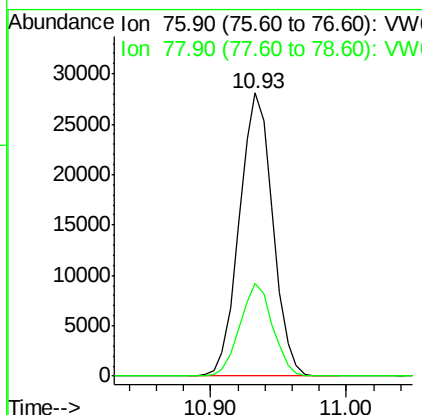
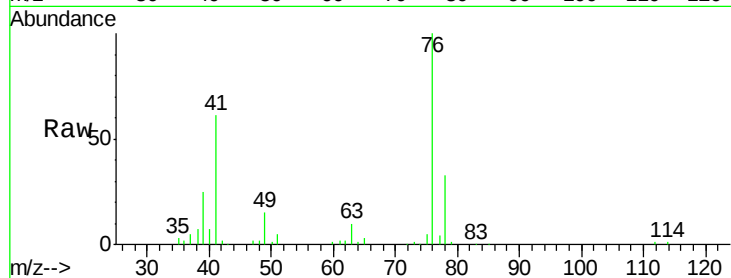
#57
 1,3-Dichloropropane
 Concen: 57.202 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 48130
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.4

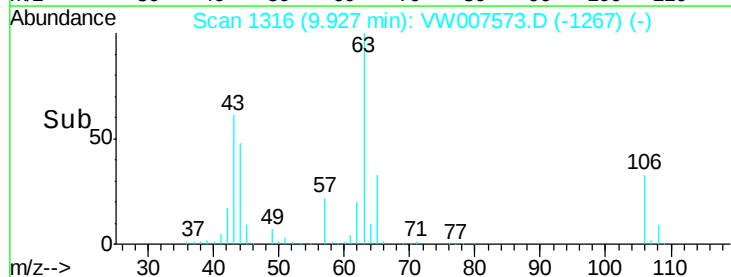
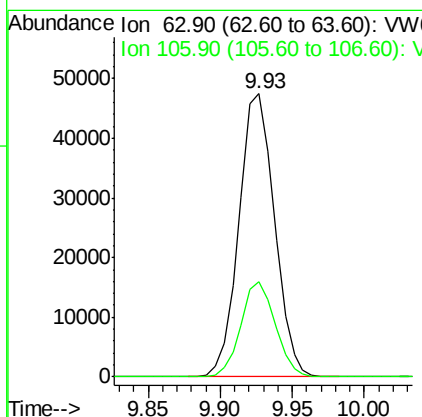
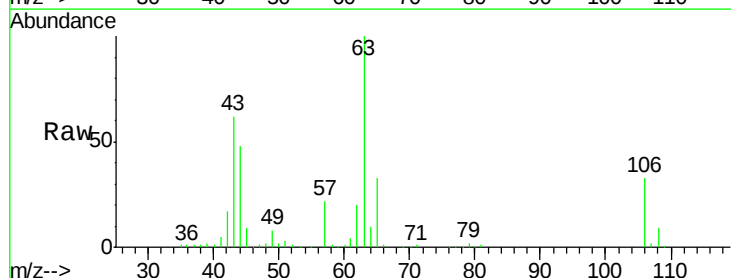
Manual Integrations
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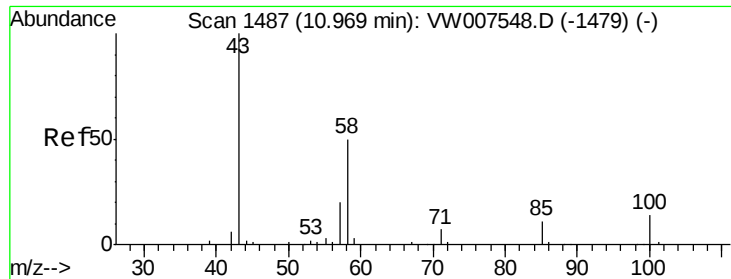
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#58
 2-Chloroethyl Vinyl ether
 Concen: 286.103 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion: 63 Resp: 81294
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.0 37.6





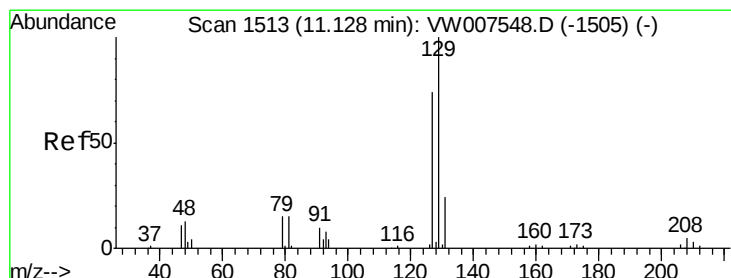
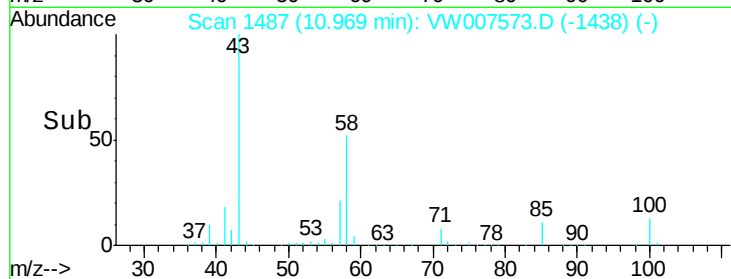
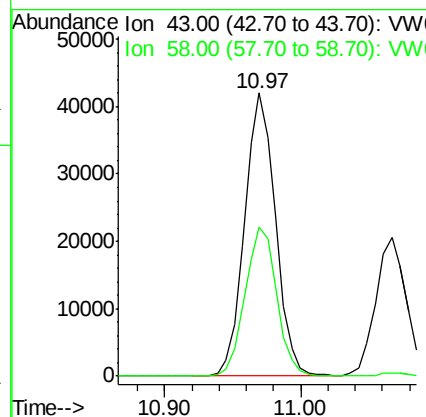
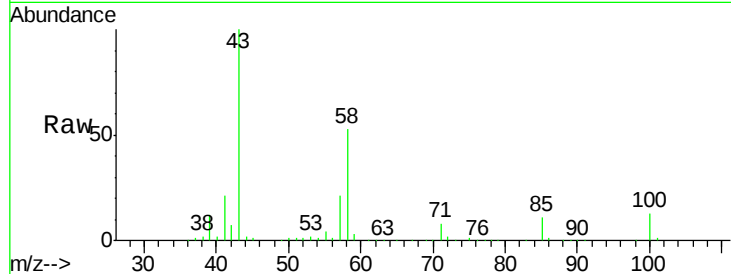
#59
2-Hexanone
Concen: 279.137 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66731
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3

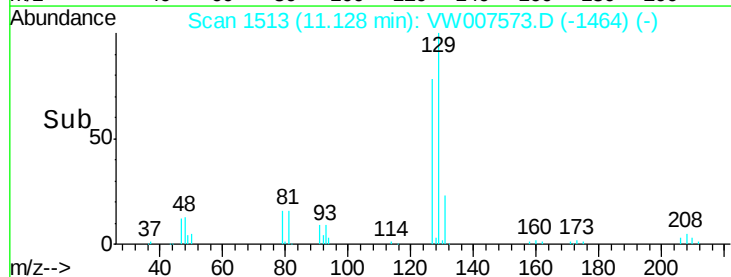
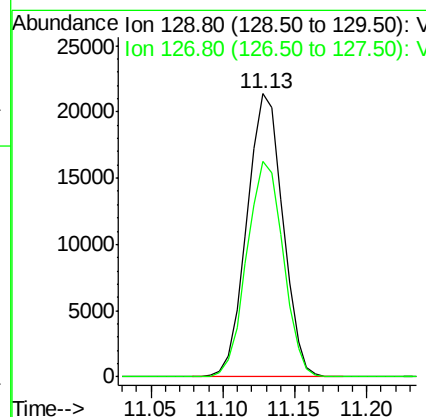
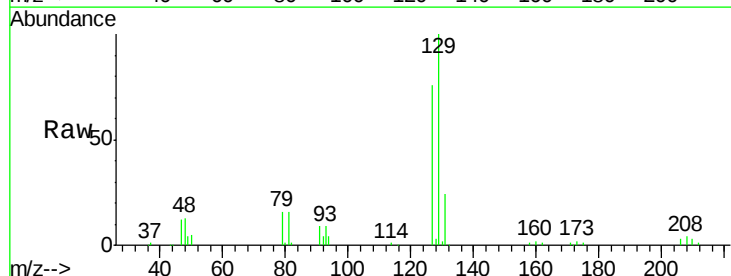
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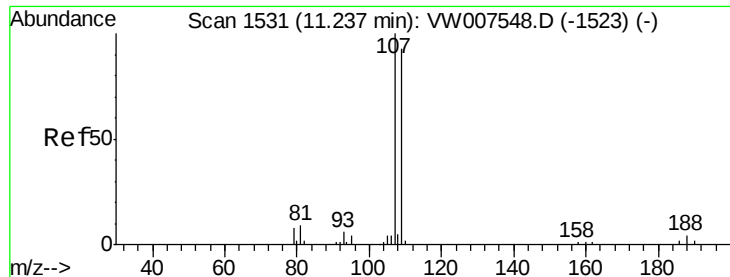
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#60
Dibromochloromethane
Concen: 56.978 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 129 Resp: 36861
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.685 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 28210

Ion Ratio Lower Upper

107 100

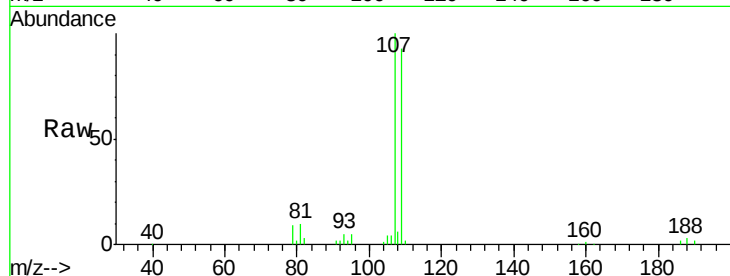
109 94.8 79.1 118.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

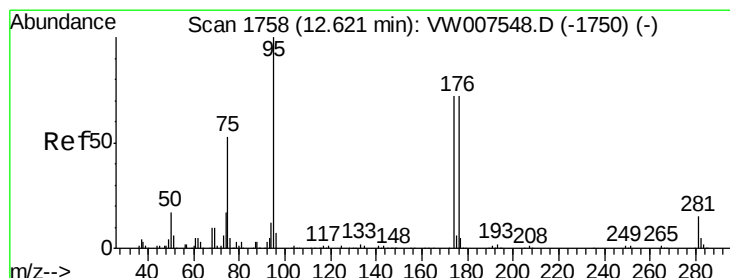
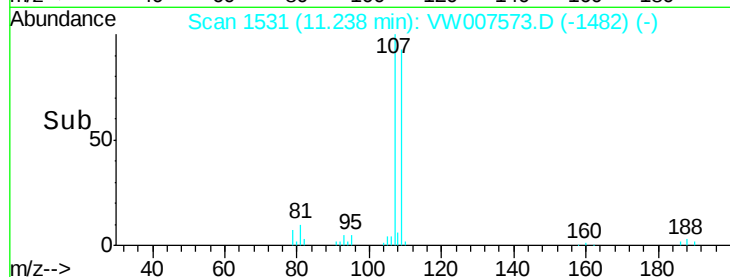
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 55.614 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

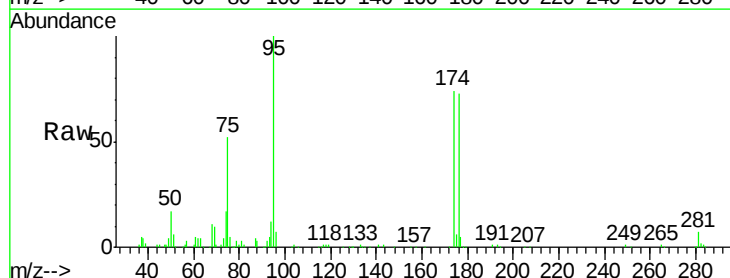
Tgt Ion: 95 Resp: 52543

Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.2

176 72.6 0.0 138.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

40000

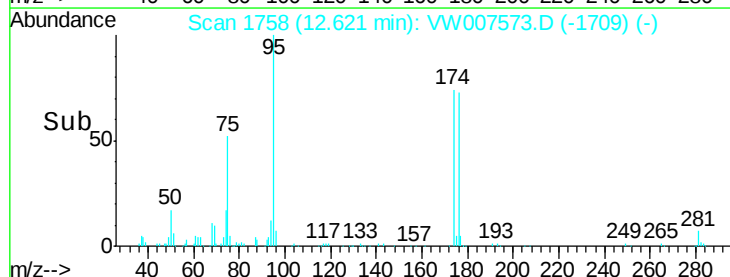
30000

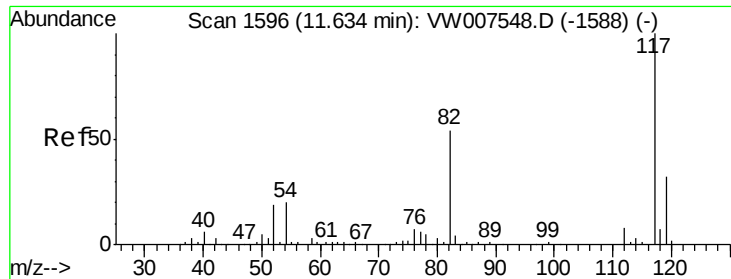
20000

10000

0

Time--> 12.55 12.60 12.65 12.70





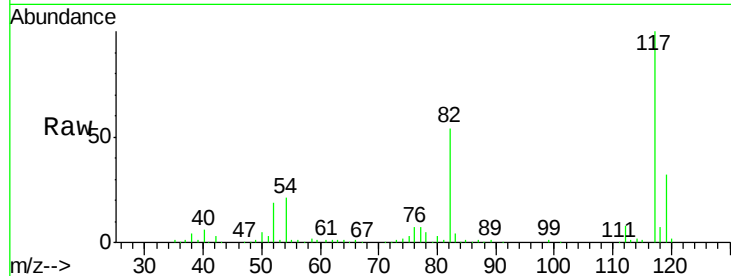
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.3	63.5
119	31.8	23.0	34.6

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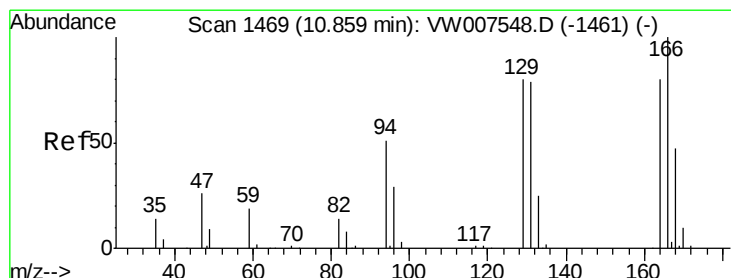
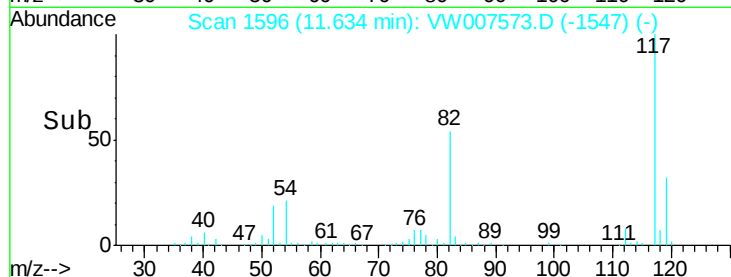
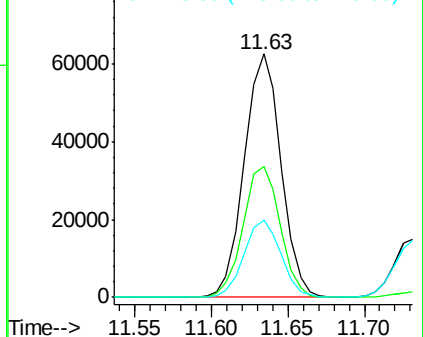


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 52.592 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	107.9	161.9
129	98.7	73.4	110.2
131	89.3	75.8	113.6

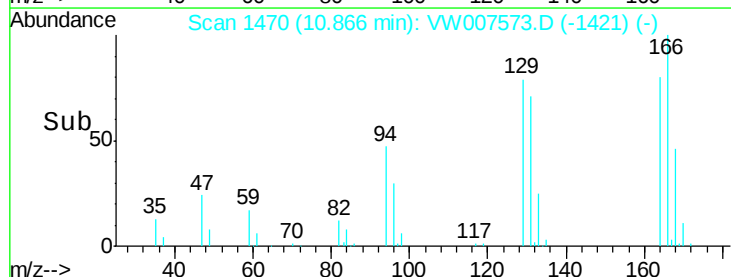
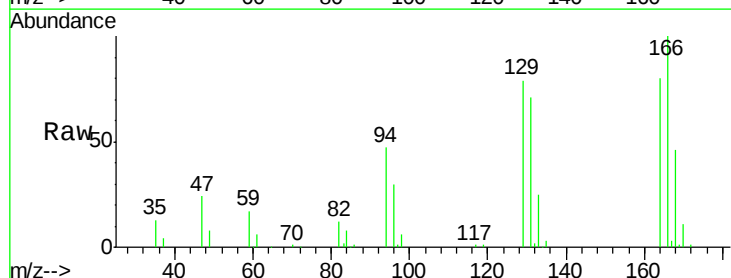
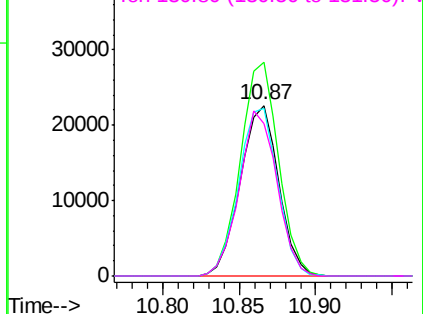
Abundance

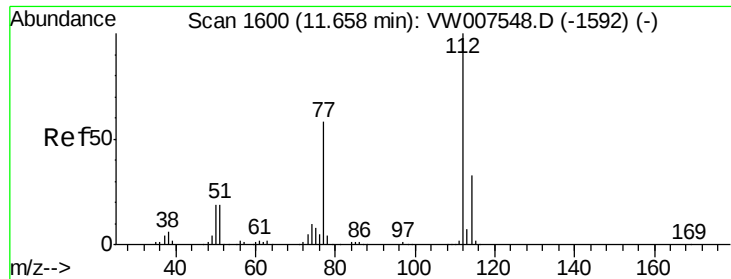
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





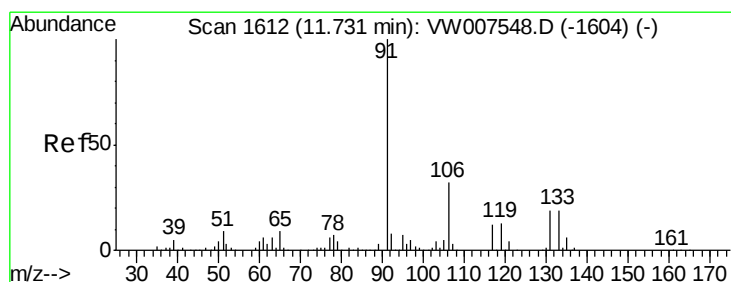
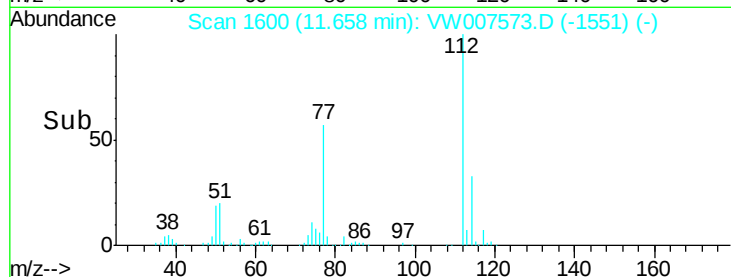
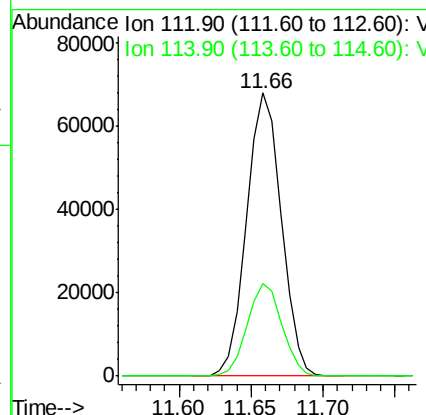
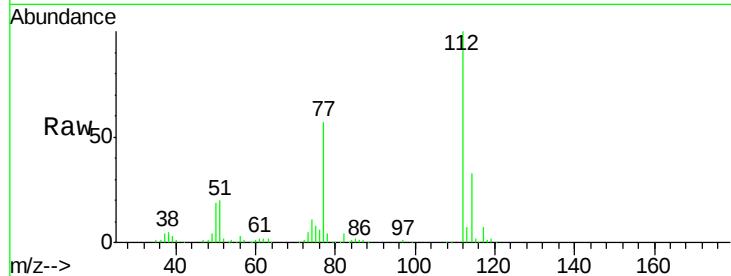
#65
Chlorobenzene
Concen: 52.132 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 113317
Ion Ratio Lower Upper
112 100
114 32.9 27.8 41.8

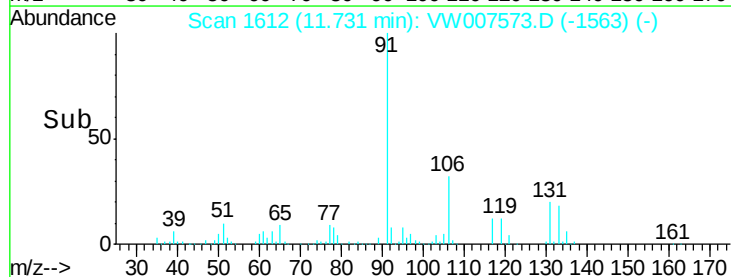
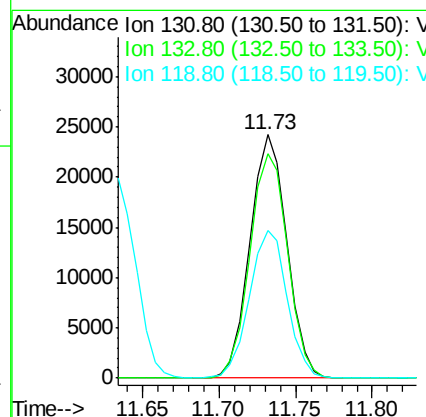
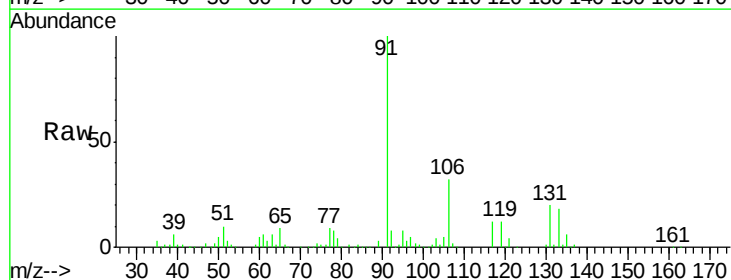
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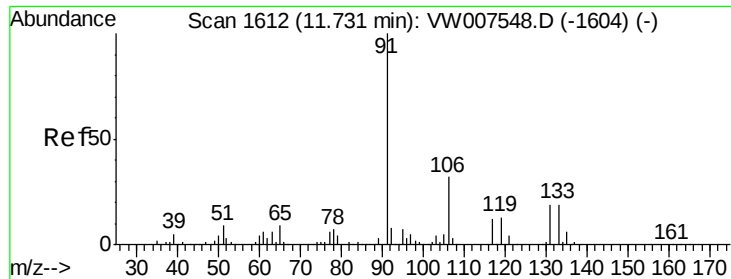
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.145 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion:131 Resp: 40686
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 62.1 31.3 93.9





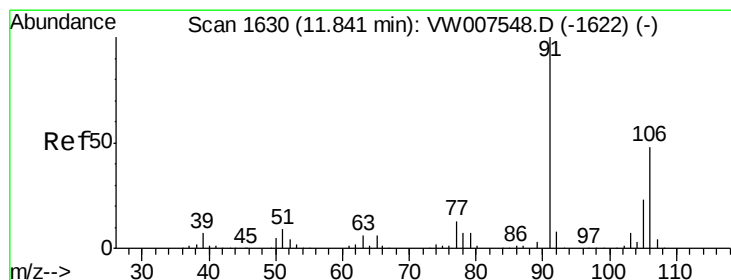
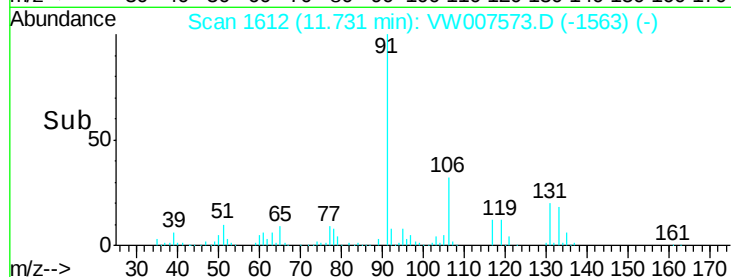
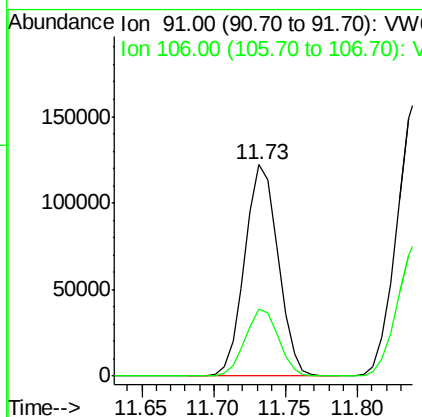
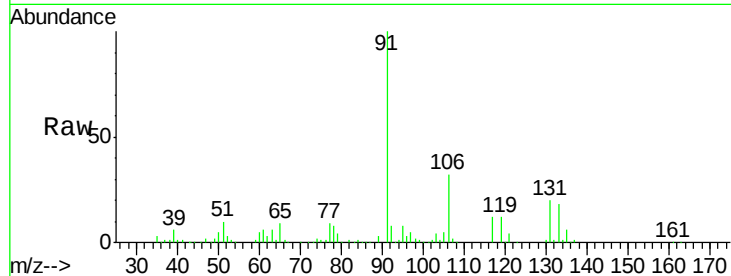
#67
Ethyl Benzene
Concen: 52.490 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 196163
Ion Ratio Lower Upper
91 100
106 31.6 21.8 32.8

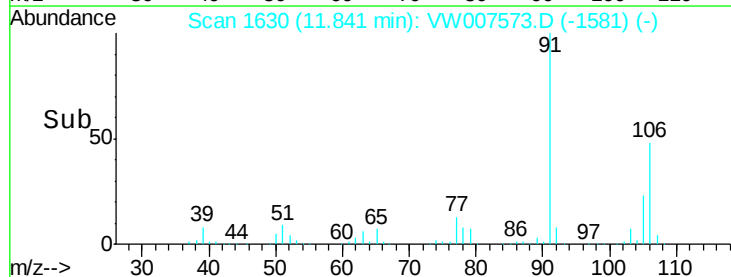
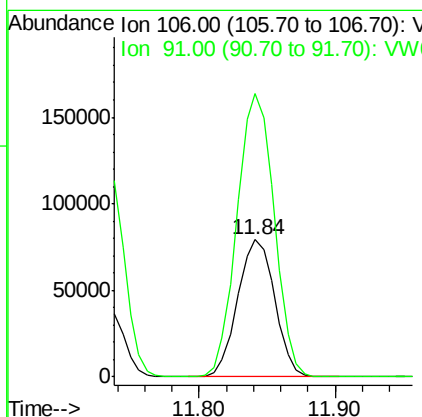
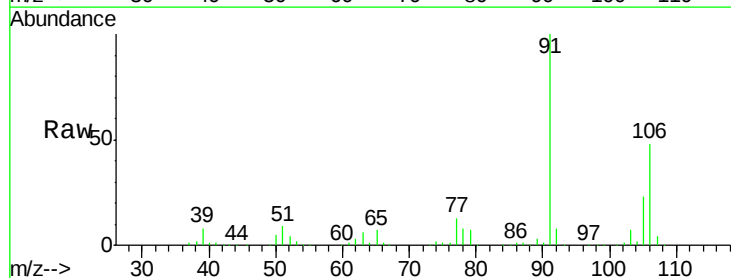
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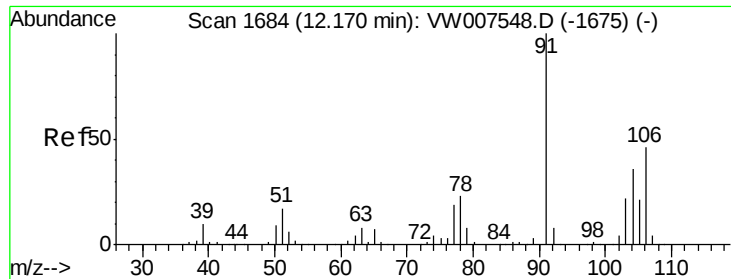
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#68
m/p-Xylenes
Concen: 103.753 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 106 Resp: 150737
Ion Ratio Lower Upper
106 100
91 207.5 165.3 247.9





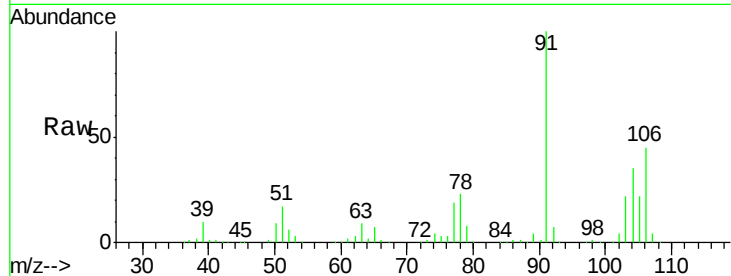
#69
o-Xylene
Concen: 53.308 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

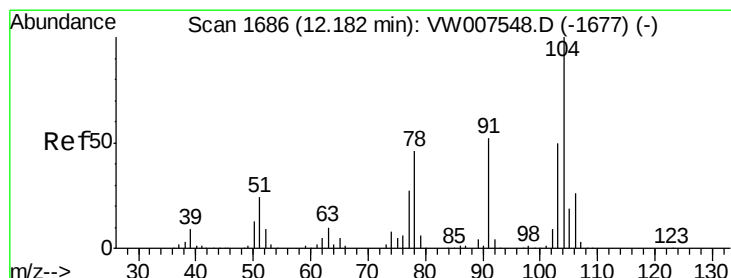
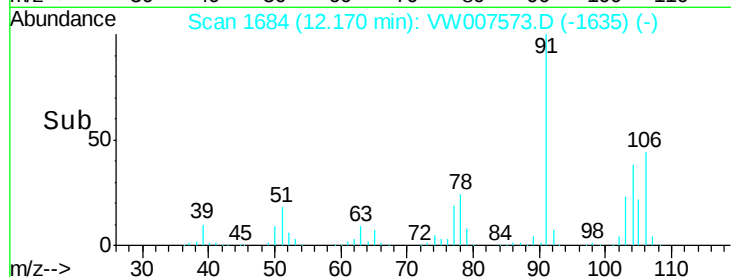
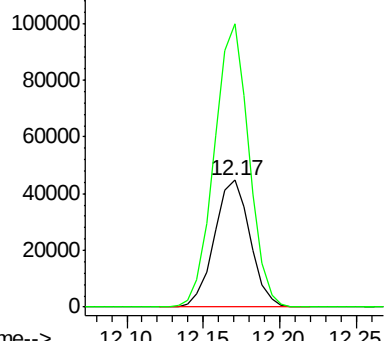
Tgt Ion:106 Resp: 72331
Ion Ratio Lower Upper
106 100
91 216.5 106.6 319.8

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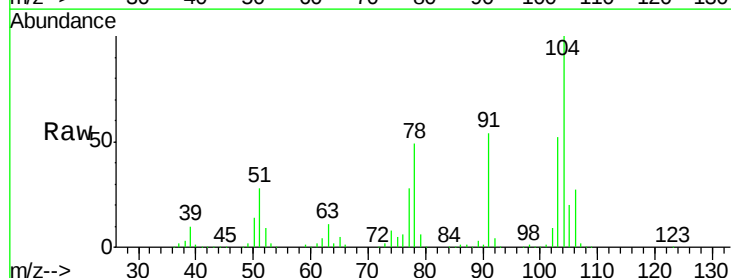


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

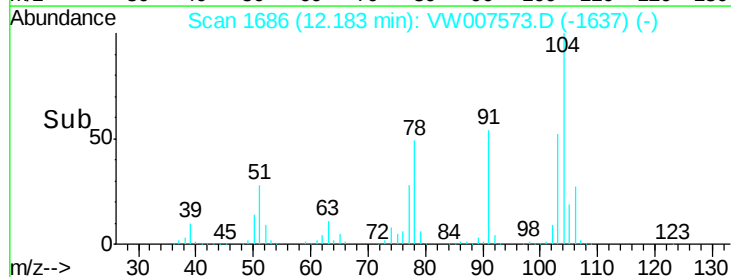
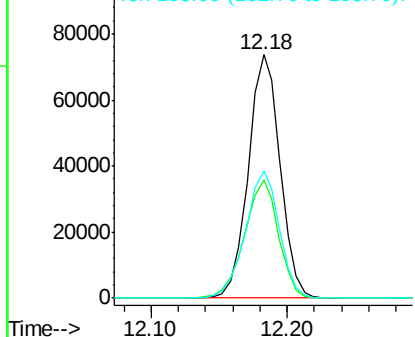


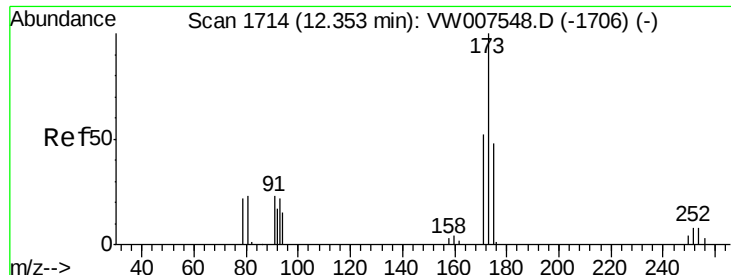
#70
Styrene
Concen: 55.039 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion:104 Resp: 120625
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 55.3 46.6 69.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.275 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

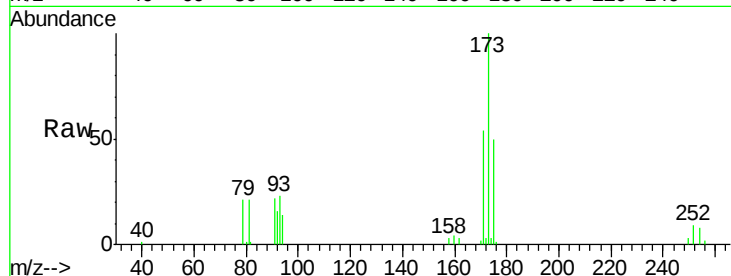
ClientSampleId :

VSTDCCC050

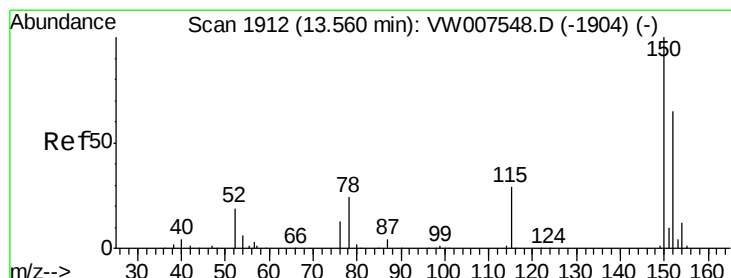
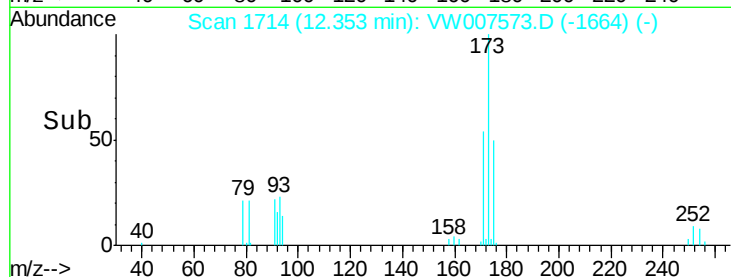
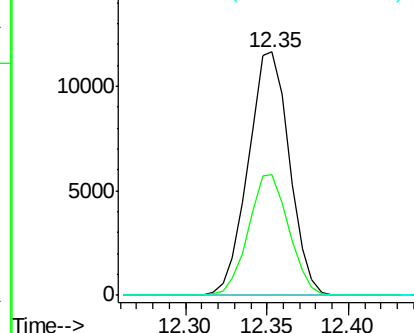
Tgt Ion:	173	Resp:	20484
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.6	70.8
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

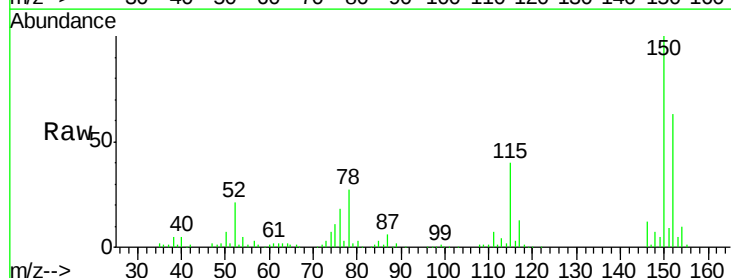
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

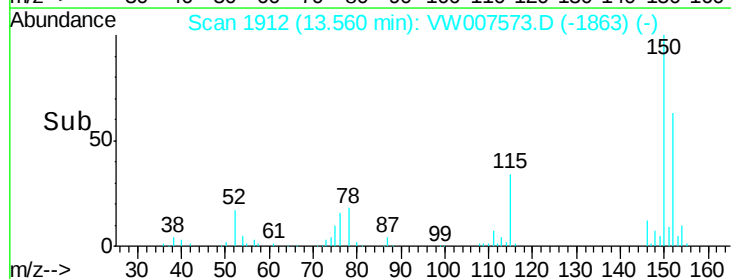
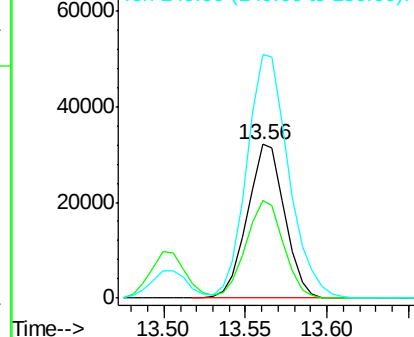
Lab File: VW007573.D

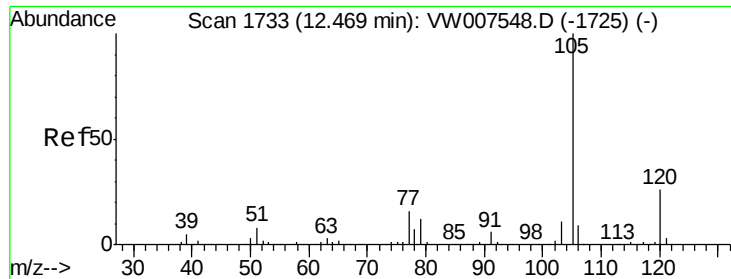
Acq: 15 Dec 2018 10:59

Tgt Ion:	152	Resp:	51075
Ion Ratio	Lower	Upper	
152	100		
115	63.8	31.4	94.2
150	178.4	0.0	358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





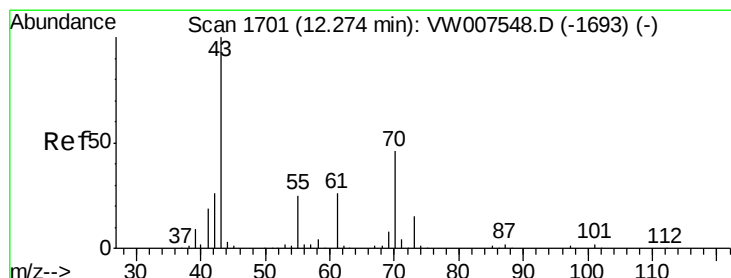
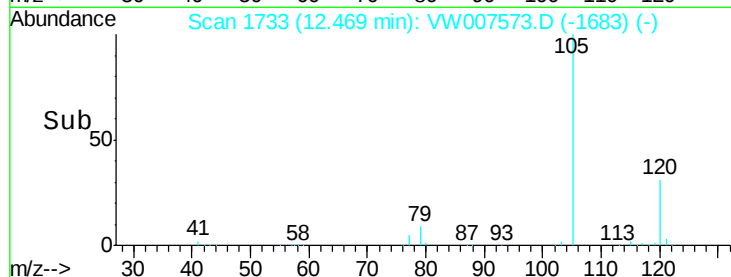
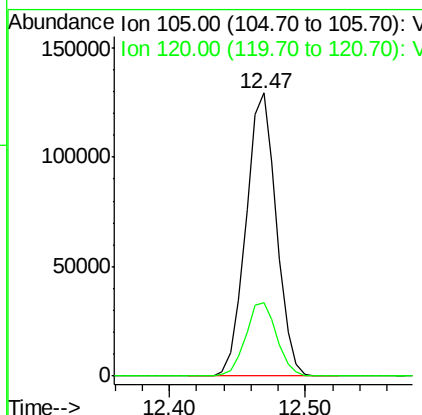
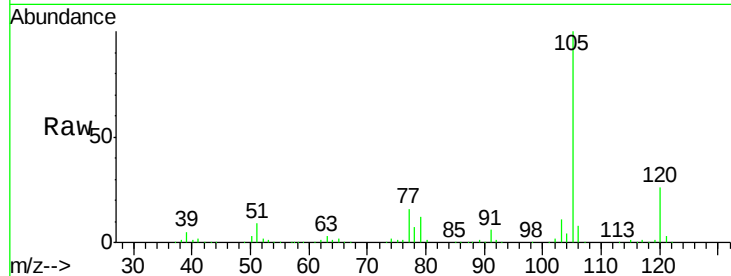
#73
Isopropylbenzene
Concen: 51.600 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 201939
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4

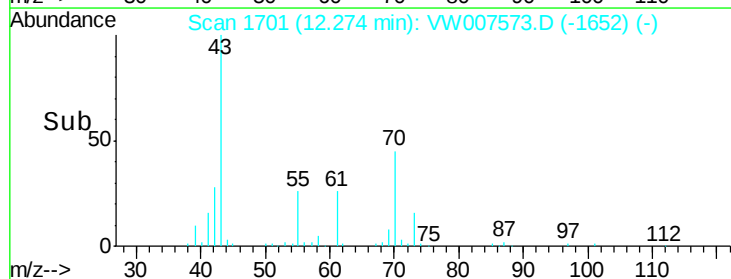
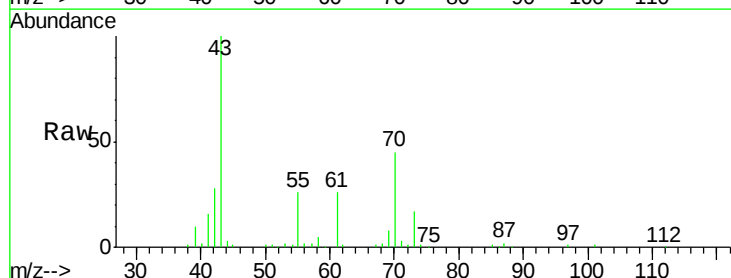
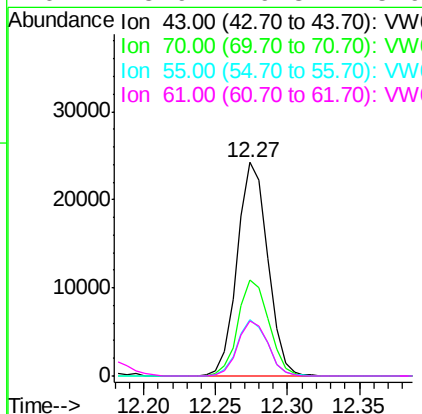
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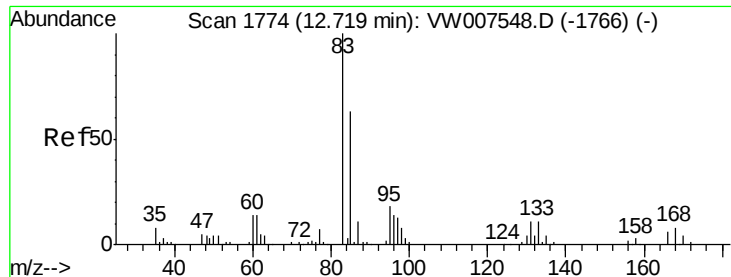
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#74
N-ethyl acetate
Concen: 50.314 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 43 Resp: 35786
Ion Ratio Lower Upper
43 100
70 45.6 36.5 54.7
55 26.5 20.1 30.1
61 25.9 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.294 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

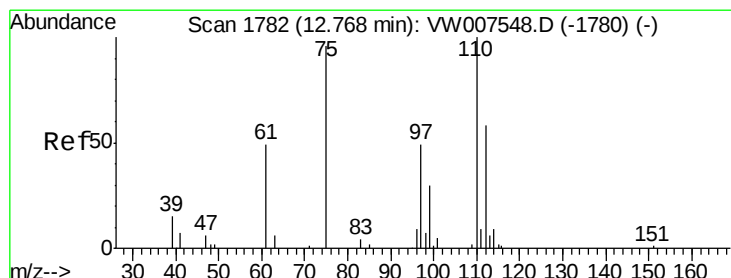
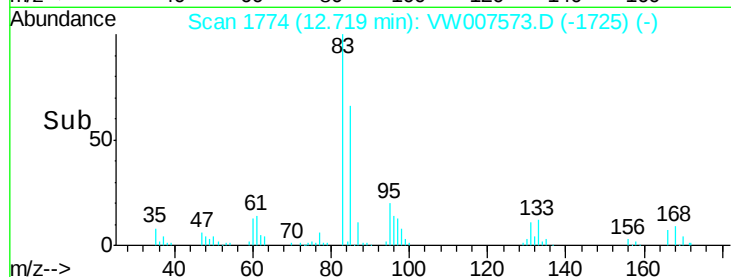
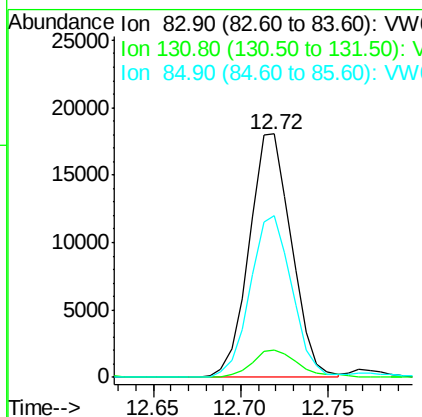
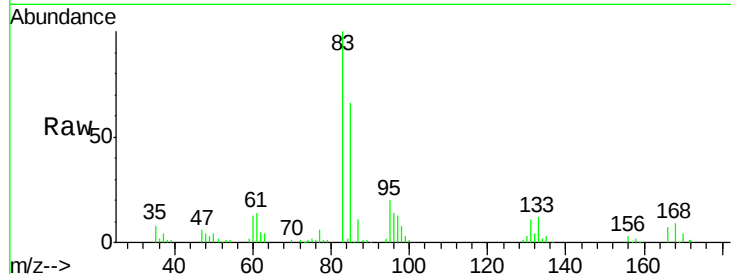
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	30312
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.9	17.8
85	65.6	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 43.438 ug/l m

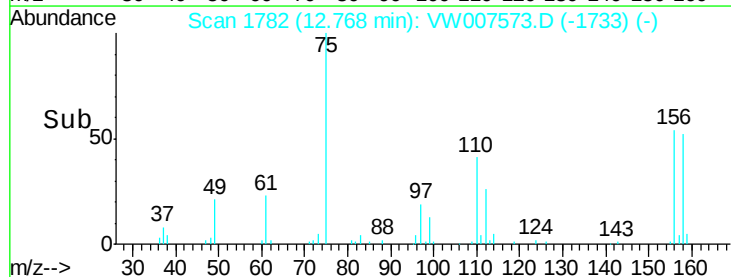
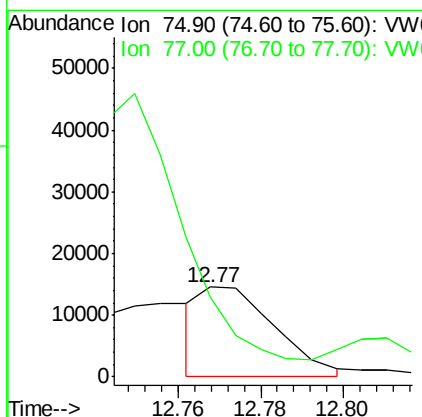
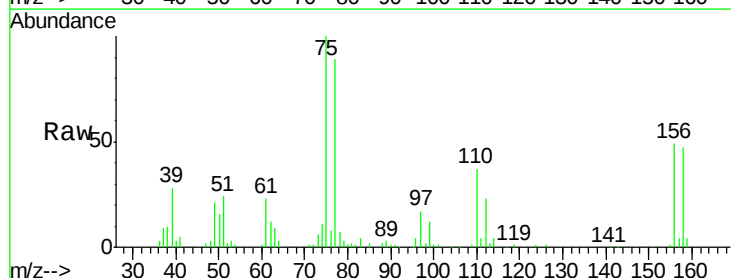
RT: 12.77 min Scan# 1782

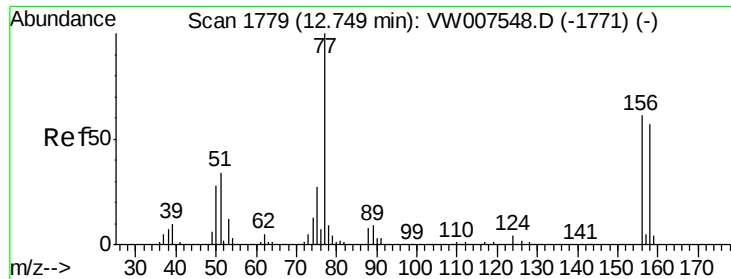
Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion:	75	Resp:	18293
Ion Ratio	Lower	Upper	
75	100		
77	447.8	166.9	500.8





#77

Bromobenzene

Concen: 52.087 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

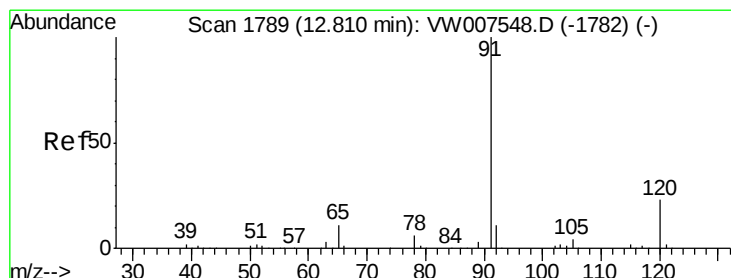
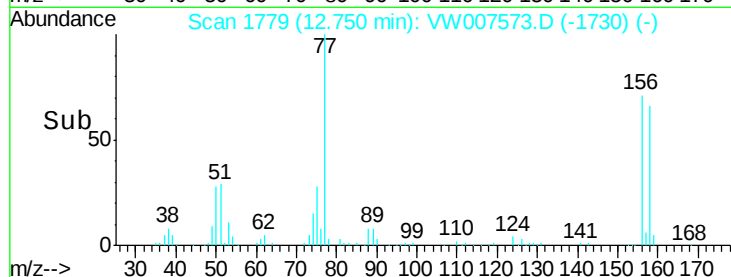
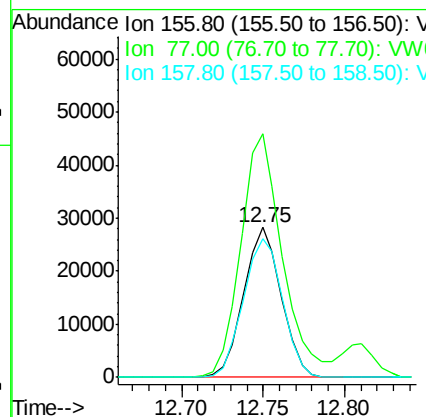
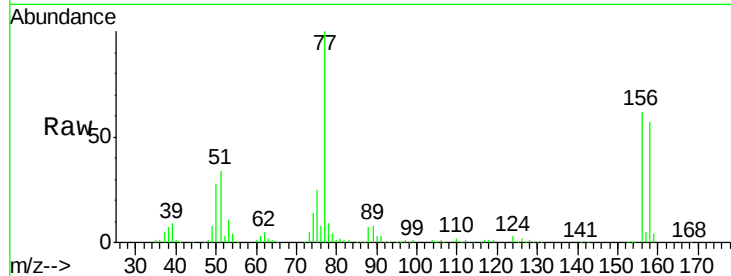
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	181.3	88.1	264.4
158	97.2	45.6	136.7

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#78

n-propylbenzene

Concen: 52.821 ug/l

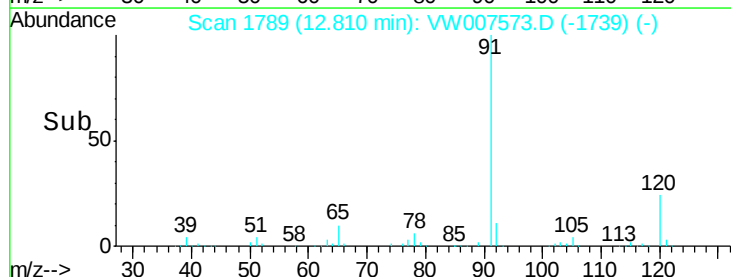
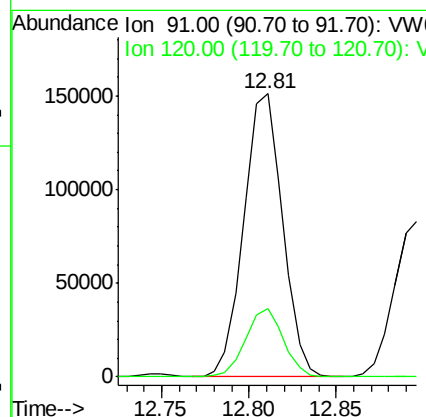
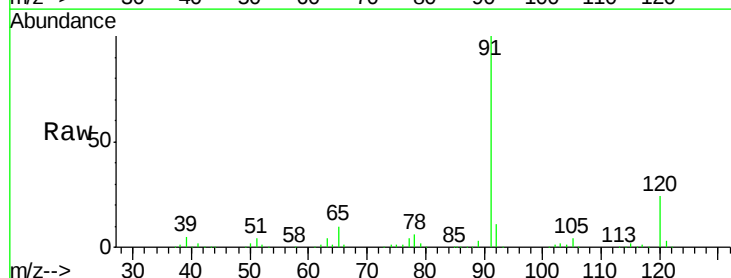
RT: 12.81 min Scan# 1789

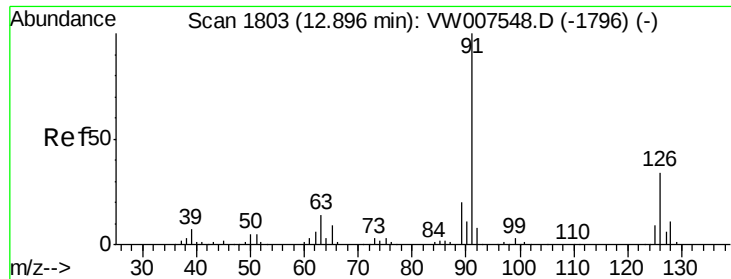
Delta R.T. 0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5





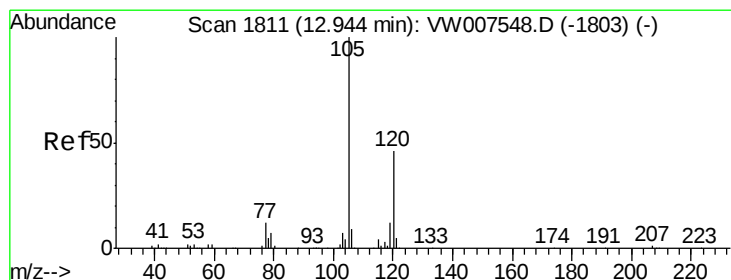
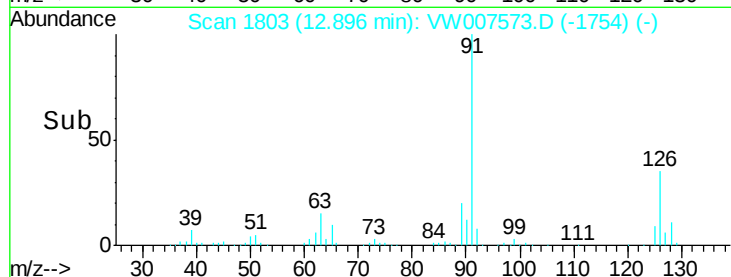
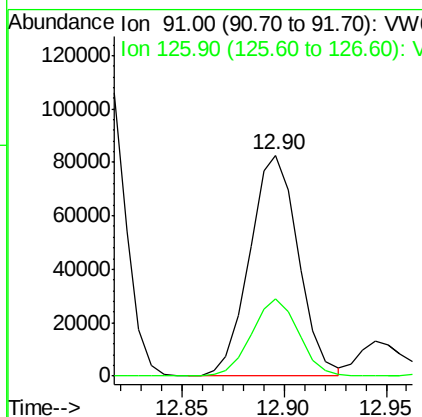
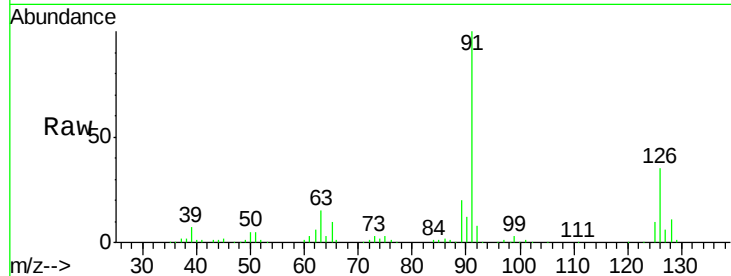
#79
2-Chlorotoluene
Concen: 51.353 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 136855
Ion Ratio Lower Upper
91 100
126 34.0 15.9 47.6

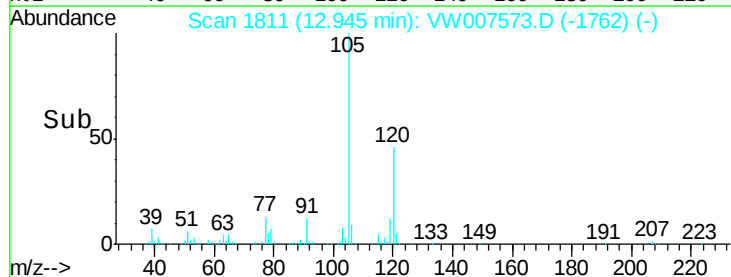
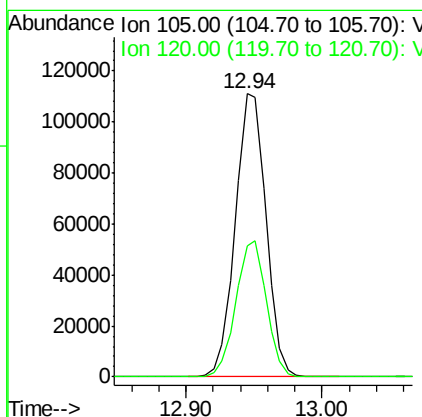
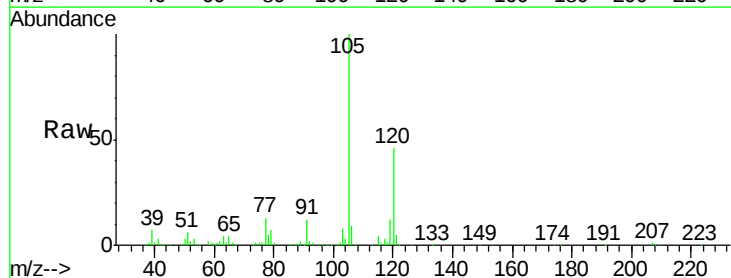
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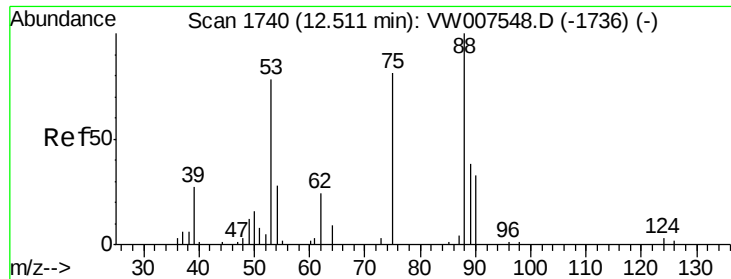
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#80
1,3,5-Trimethylbenzene
Concen: 53.174 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 105 Resp: 174856
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.4





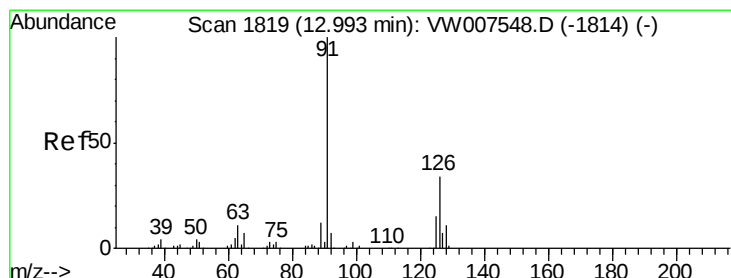
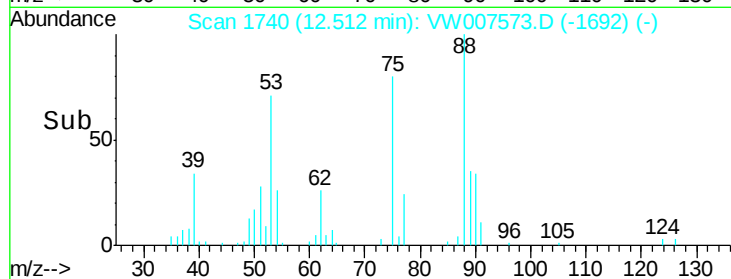
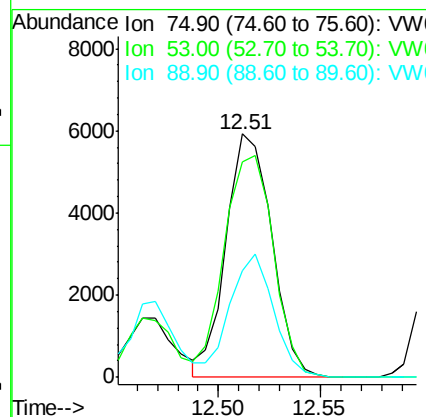
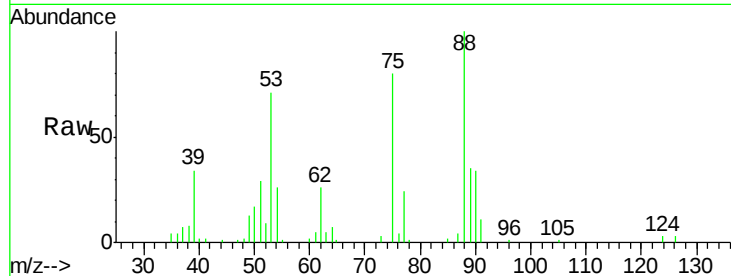
#81
trans-1,4-Dichloro-2-butene
Concen: 48.426 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.1	84.9	127.3
89	47.5	40.3	60.5

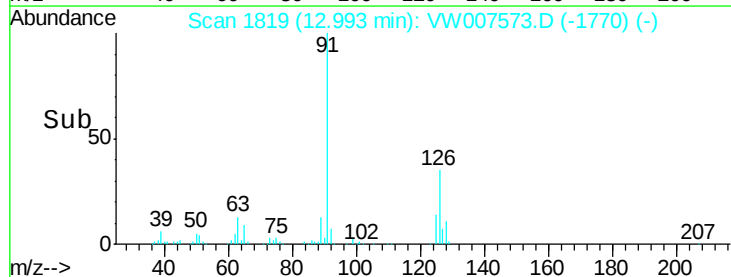
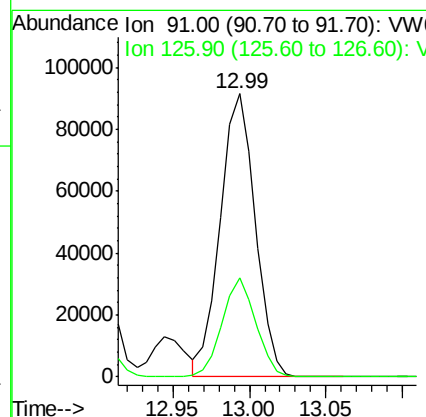
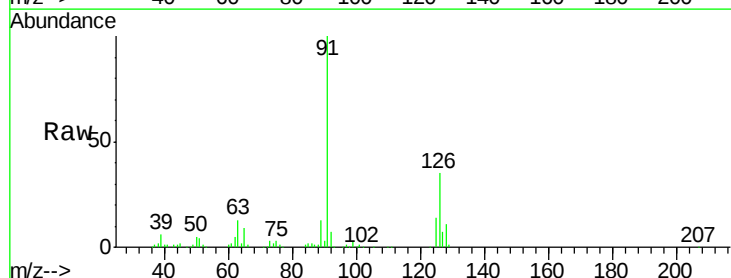
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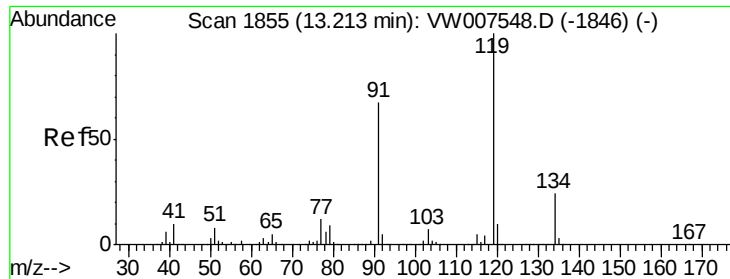
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#82
4-Chlorotoluene
Concen: 51.756 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.0	48.0





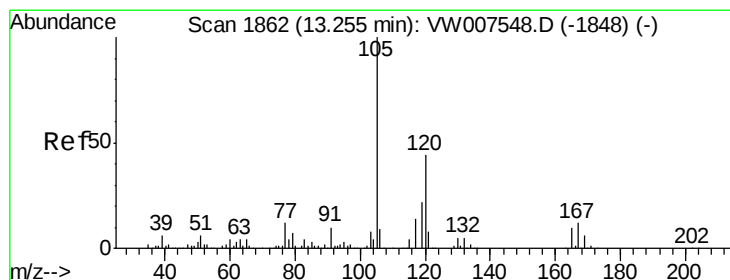
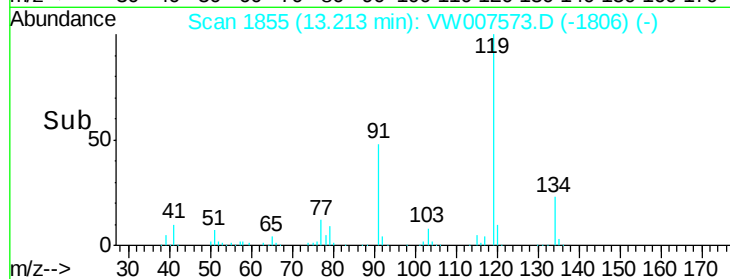
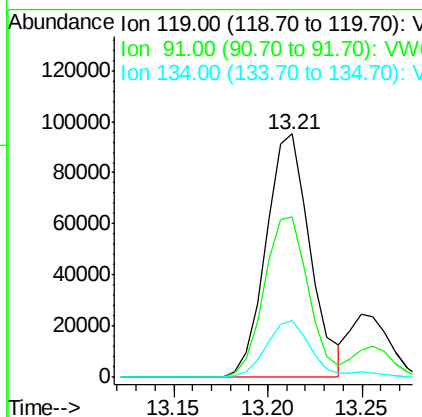
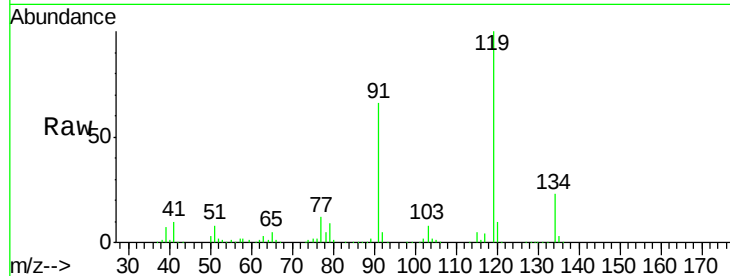
#83
 tert-Butylbenzene
 Concen: 53.280 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	154378		
91	66.4	33.1	99.2	
134	23.0	12.5	37.5	

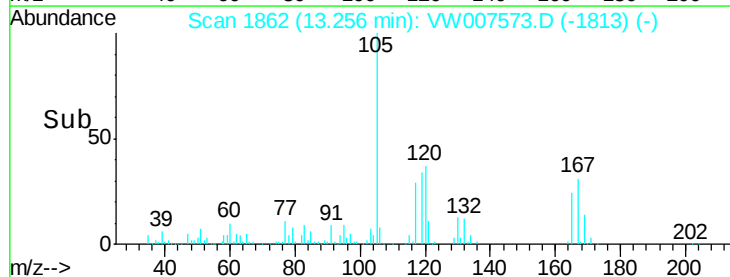
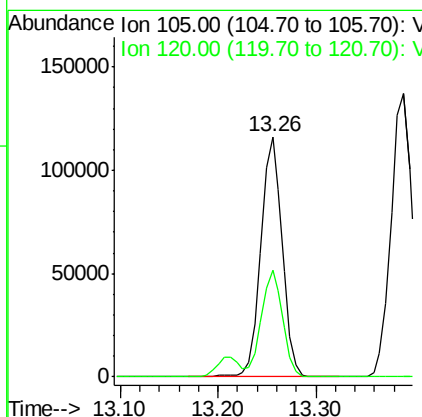
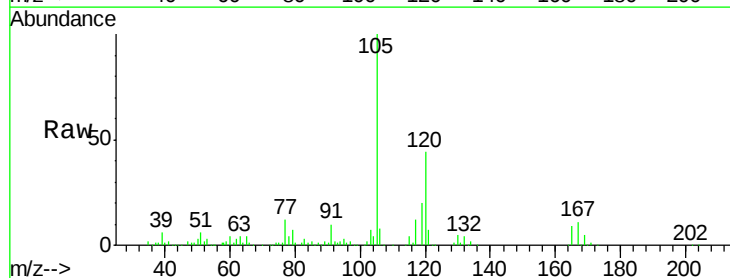
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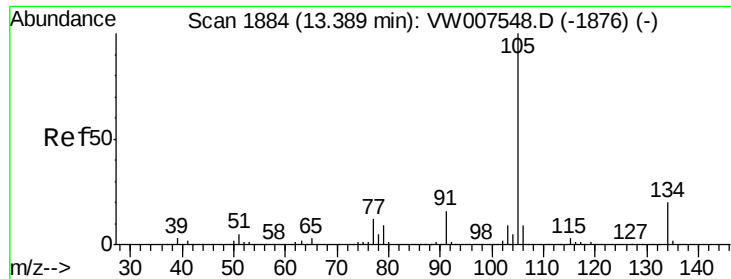
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.341 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	177115		
120	44.4	22.6	67.7	





#85

sec-Butylbenzene

Concen: 53.061 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 209880

Ion Ratio Lower Upper

105 100

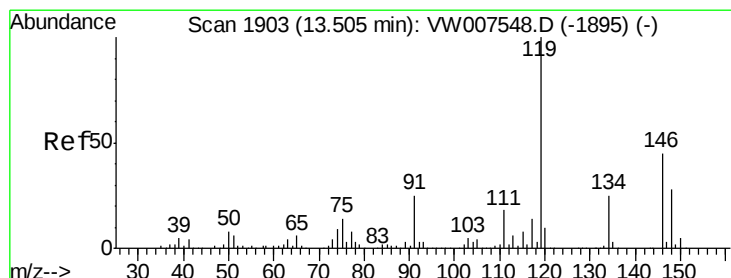
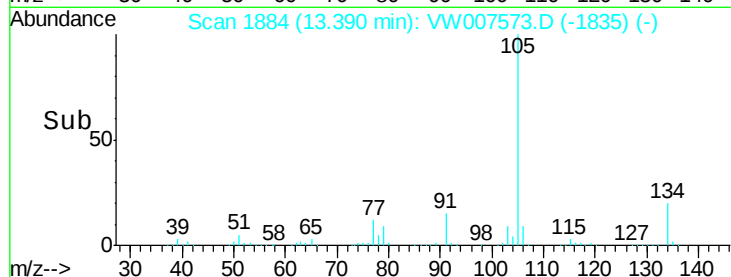
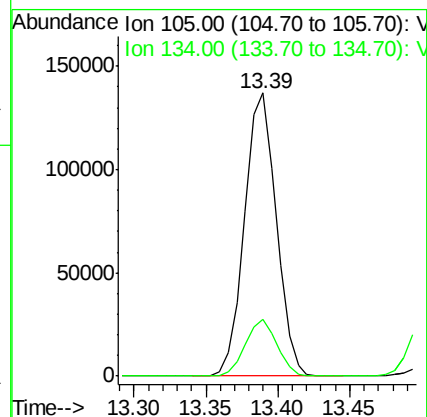
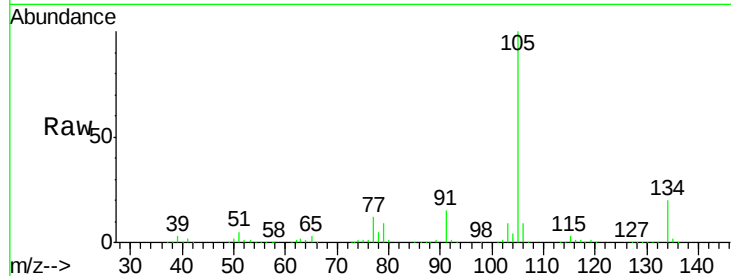
134 19.7 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 52.438 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007573.D

Acq: 15 Dec 2018 10:59

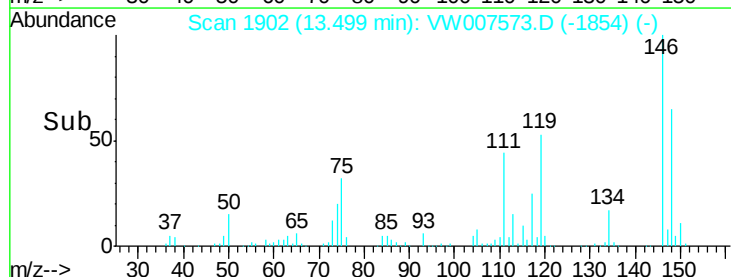
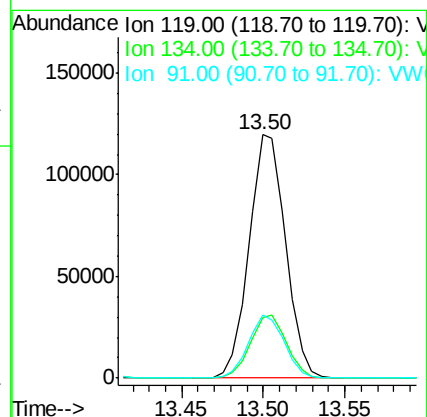
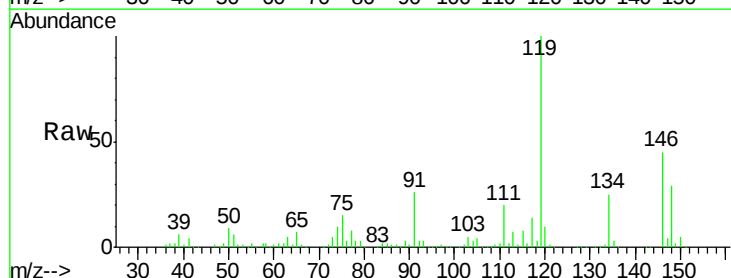
Tgt Ion:119 Resp: 186336

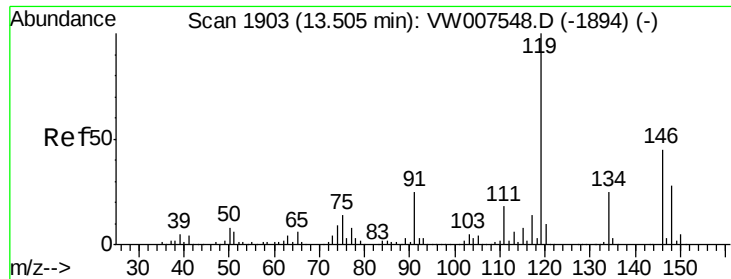
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 25.4 11.9 35.9





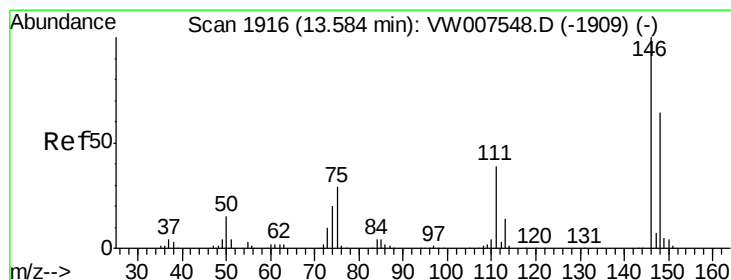
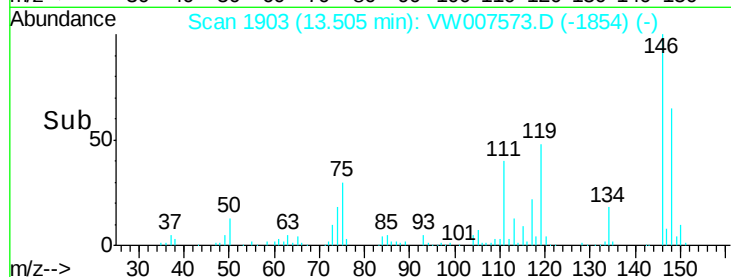
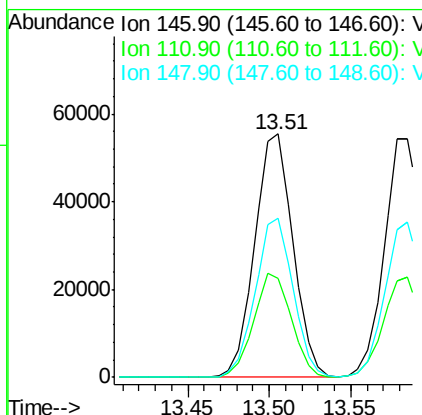
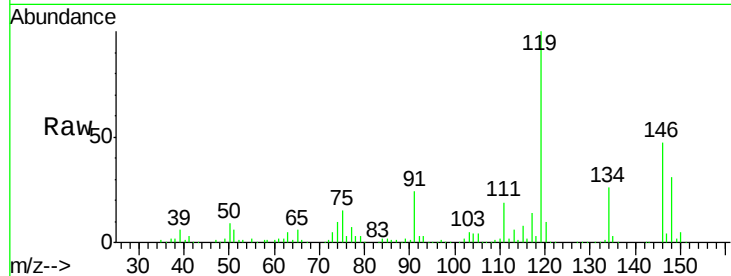
#87
 1,3-Dichlorobenzene
 Concen: 52.068 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.1	60.3
148	64.6	31.4	94.0

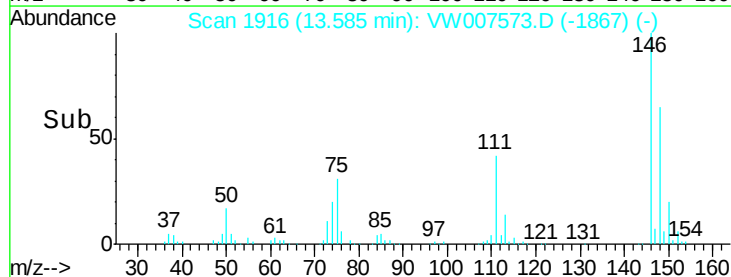
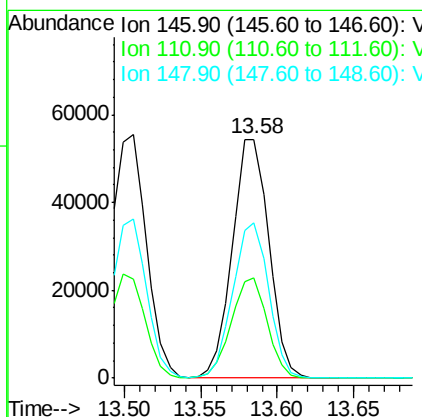
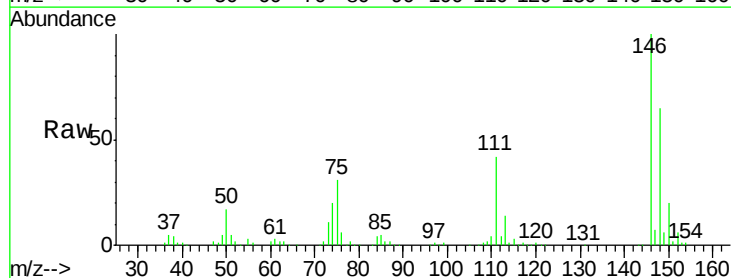
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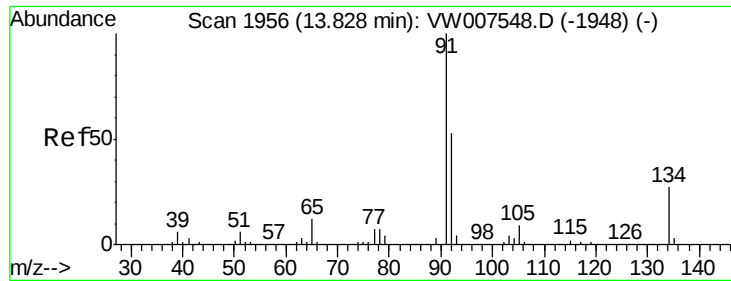
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#88
 1,4-Dichlorobenzene
 Concen: 51.932 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	61.0
148	63.5	33.5	100.5





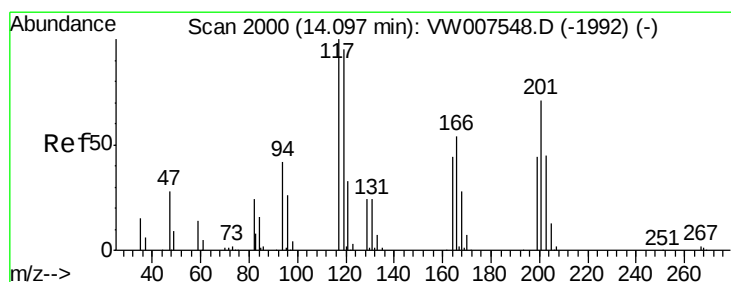
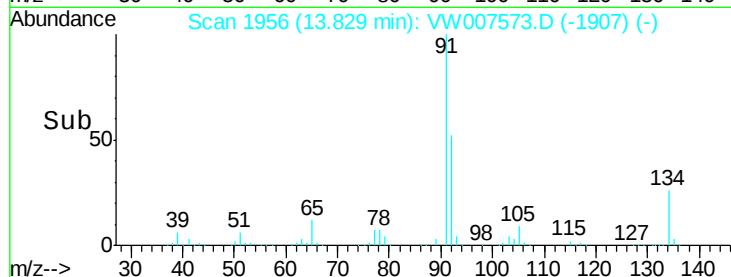
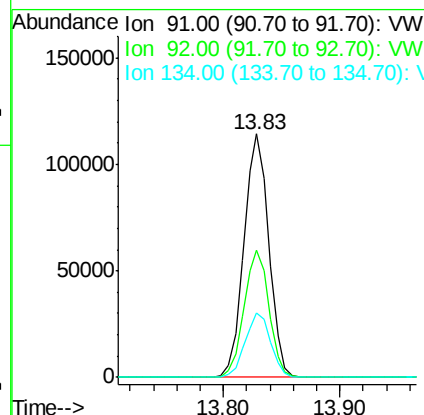
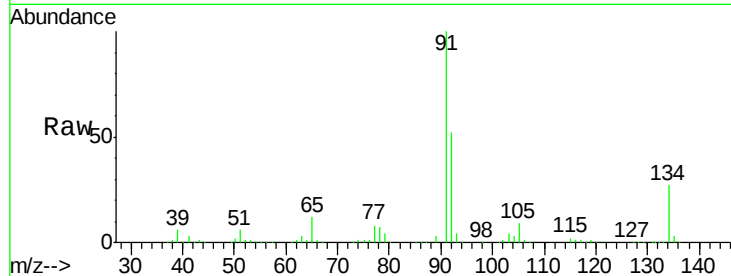
#89
n-Butylbenzene
Concen: 51.476 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 169572
Ion Ratio Lower Upper
91 100
92 52.5 25.7 77.1
134 26.9 13.4 40.2

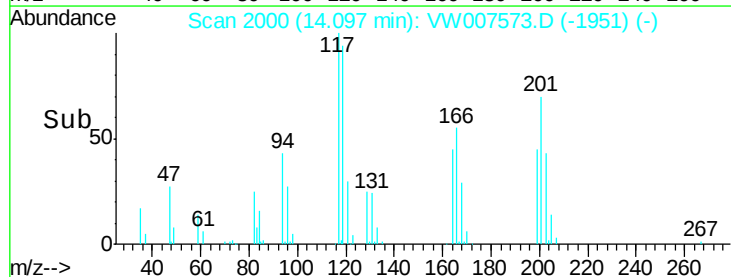
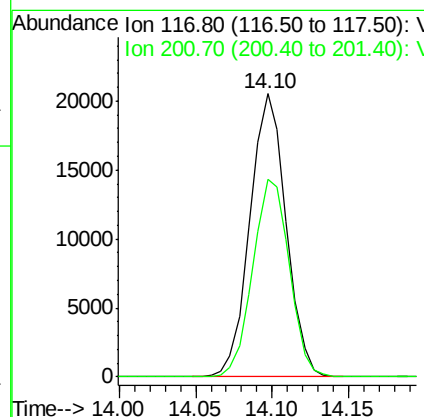
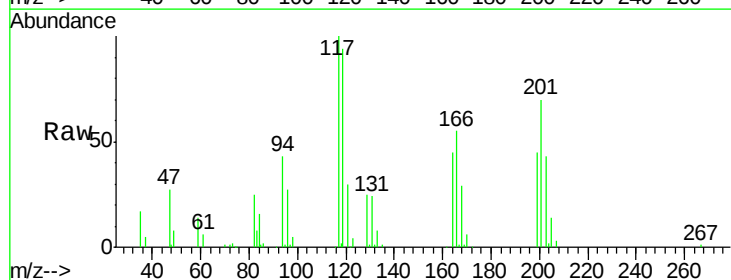
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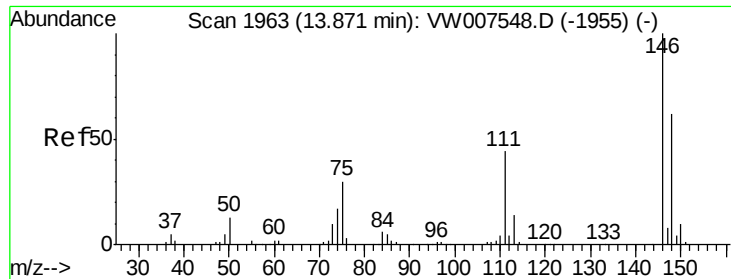
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#90
Hexachloroethane
Concen: 53.243 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion: 117 Resp: 33664
Ion Ratio Lower Upper
117 100
201 70.8 35.3 105.9





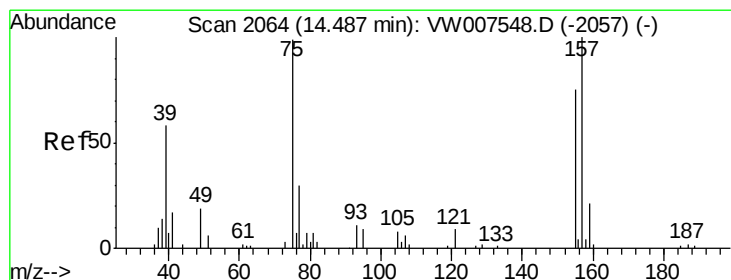
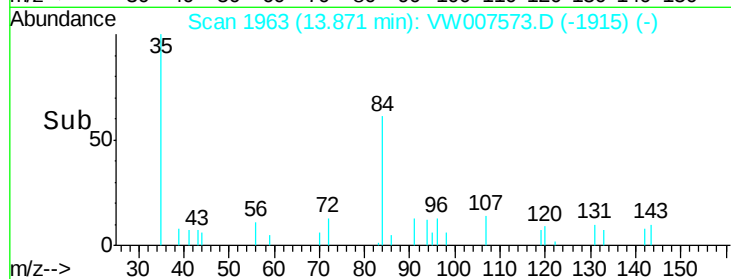
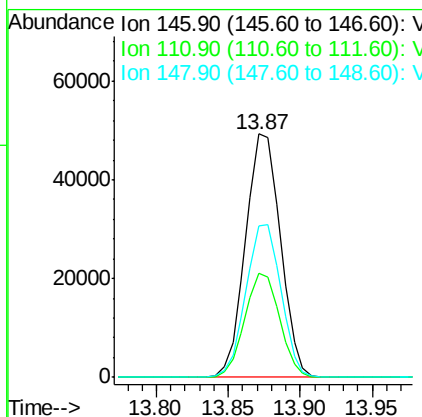
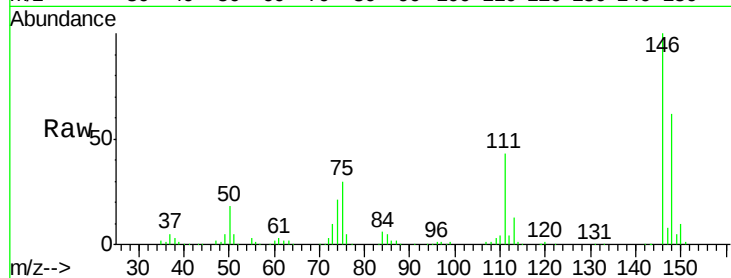
#91
 1,2-Dichlorobenzene
 Concen: 53.572 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.4	67.2
148	62.8	32.4	97.2

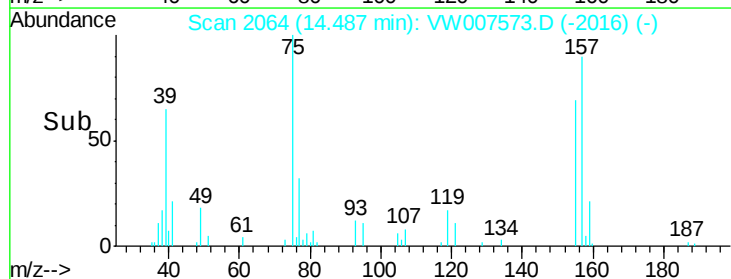
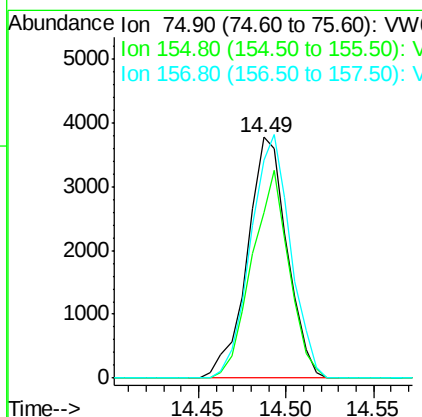
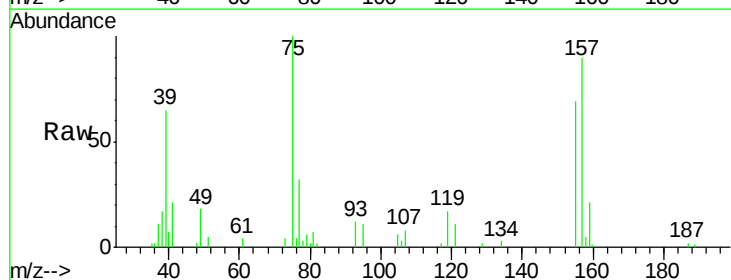
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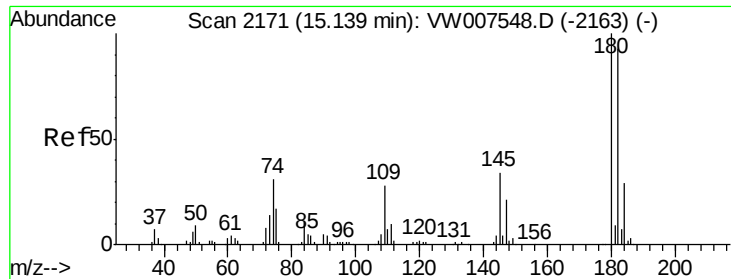
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.529 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.8	122.2
157	101.4	51.1	153.4





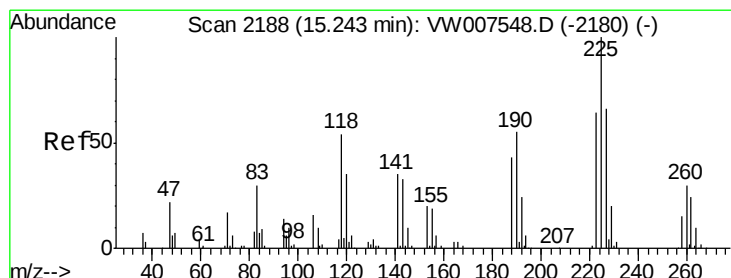
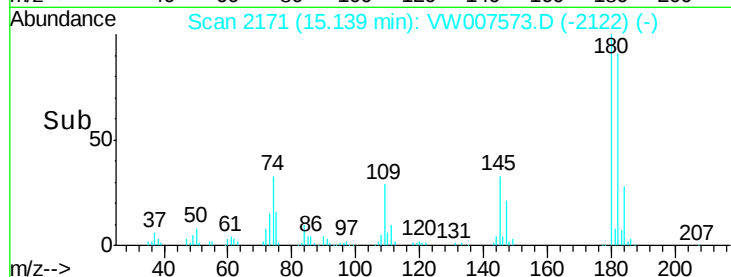
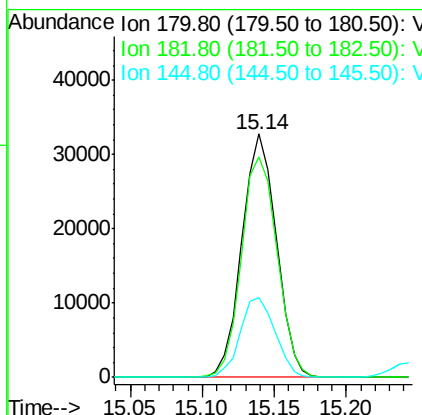
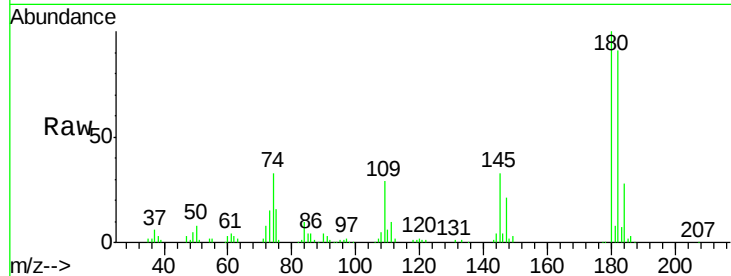
#93
 1,2,4-Trichlorobenzene
 Concen: 51.013 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	49.9	149.6
145	33.4	17.8	53.4

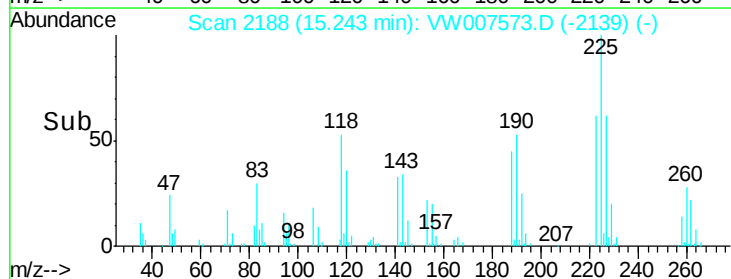
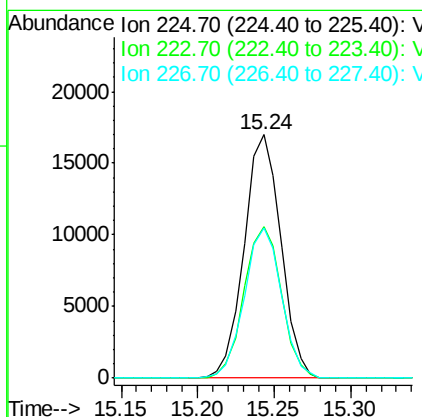
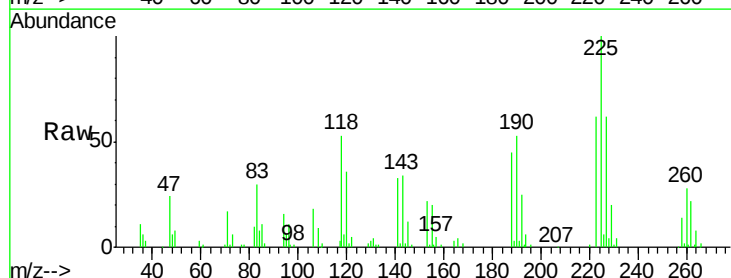
Manual Integrations
 APPROVED

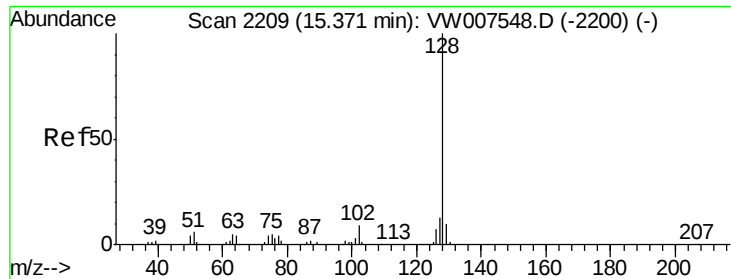
apatel
 12/17/2018 1:45:50 PM



#94
 Hexachlorobutadiene
 Concen: 50.177 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007573.D
 Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	62.5	31.9	95.9





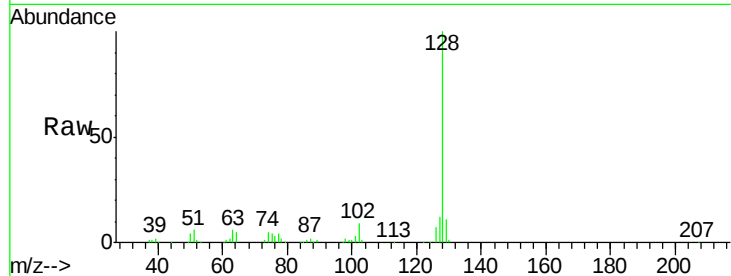
#95
Naphthalene
Concen: 52.703 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

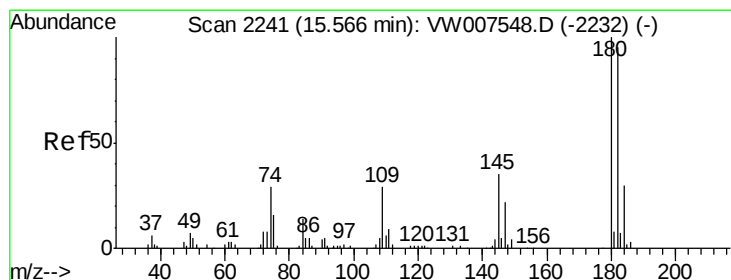
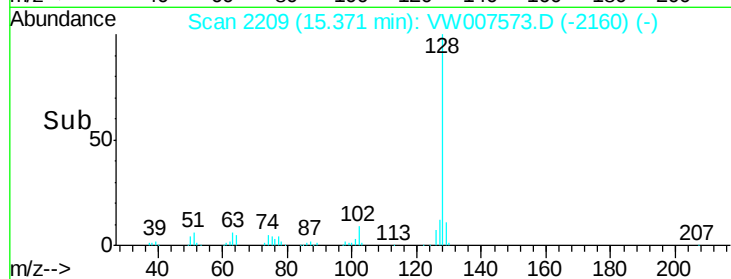
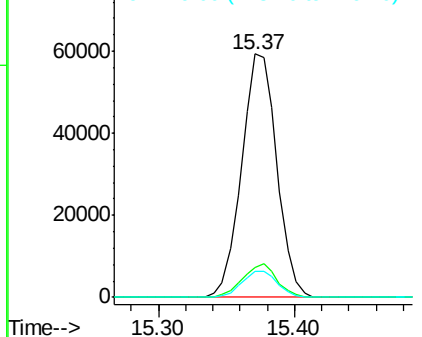
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	107486		
127	13.2	10.2	15.4	
129	10.8	8.3	12.5	

Manual Integrations
APPROVED

apatel
12/17/2018 1:45:50 PM

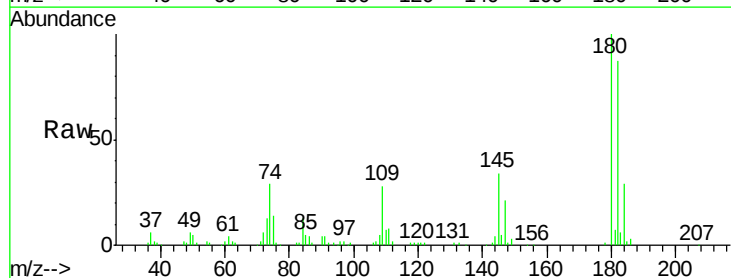


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.740 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007573.D
Acq: 15 Dec 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	47916		
182	94.4	45.6	136.7	
145	36.7	17.5	52.5	



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

