

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122518\
 Data File : VW007880.D
 Acq On : 24 Dec 2018 10:32
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 12/26/2018 4:38:06 PM

Quant Time: Dec 25 03:07:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109082	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38417	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
35) Dibromofluoromethane	7.88	113	36088	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.32	98	144317	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.62	95	53371	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35904	51.315	ug/l	96
3) Chloromethane	2.21	50	29621	68.944	ug/l	94
4) Vinyl Chloride	2.37	62	38955	71.227	ug/l	95
5) Bromomethane	2.78	94	23078	60.584	ug/l	94
6) Chloroethane	2.93	64	19798	67.664	ug/l	96
7) Trichlorofluoromethane	3.26	101	29817	52.367	ug/l	95
8) Diethyl Ether	3.68	74	18991	54.454	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45226	53.932	ug/l	99
10) Methyl Iodide	4.26	142	67823	50.858	ug/l	96
11) Tert butyl alcohol	5.17	59	14111	242.493	ug/l	100
12) 1,1-Dichloroethene	4.03	96	43036	55.422	ug/l	99
13) Acrolein	3.89	56	11890	255.549	ug/l	97
14) Allyl chloride	4.66	41	63562	62.421	ug/l	91
15) Acrylonitrile	5.36	53	38549	259.123	ug/l	99
16) Acetone	4.12	43	47265	292.597	ug/l	95
17) Carbon Disulfide	4.37	76	123210	51.274	ug/l	100
18) Methyl Acetate	4.67	43	21810	56.772	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	60810	54.549	ug/l #	92
20) Methylene Chloride	4.91	84	49706	63.194	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	45128	52.842	ug/l	92
22) Diisopropyl ether	6.31	45	112826	59.173	ug/l	97
23) Vinyl Acetate	6.25	43	312926	276.234	ug/l	97
24) 1,1-Dichloroethane	6.21	63	77722	55.409	ug/l	98
25) 2-Butanone	7.16	43	51446	271.905	ug/l	94
26) 2,2-Dichloropropane	7.16	77	57391	55.913	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	47907	52.653	ug/l	96
28) Bromochloromethane	7.51	49	29304	61.273	ug/l	89
29) Tetrahydrofuran	7.52	42	30216	267.734	ug/l	94
30) Chloroform	7.67	83	80733	50.858	ug/l	99
31) Cyclohexane	7.96	56	73015	56.860	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	75541	52.251	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66385	55.931	ug/l	99
37) Ethyl Acetate	7.25	43	21084	51.473	ug/l	98
38) Carbon Tetrachloride	8.07	117	71628	51.243	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86581	58.705	ug/l	97
40) Benzene	8.32	78	175226	55.325	ug/l	99
41) Methacrylonitrile	7.48	41	13391	57.581	ug/l	89
42) 1,2-Dichloroethane	8.40	62	53050	49.981	ug/l	99
43) Isopropyl Acetate	8.43	43	43786	53.356	ug/l	99
44) Trichloroethene	9.09	130	50421	52.642	ug/l	95
45) 1,2-Dichloropropane	9.37	63	41067	58.436	ug/l	98
46) Dibromomethane	9.46	93	21603	49.937	ug/l	96
47) Bromodichloromethane	9.65	83	57893	50.904	ug/l	99
48) Methyl methacrylate	9.44	41	23606m	57.628	ug/l	
49) 1,4-Dioxane	9.45	88	7401	1079.046	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	102484	264.246	ug/l	97
52) Toluene	10.39	92	117456	55.274	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	60339	53.339	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69313	55.471	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30622	51.346	ug/l	96
56) Ethyl methacrylate	10.65	69	37970	53.886	ug/l	95
57) 1,3-Dichloropropane	10.93	76	51638	52.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91056	283.030	ug/l	97
59) 2-Hexanone	10.97	43	76462	280.334	ug/l	99
60) Dibromochloromethane	11.13	129	37302	47.238	ug/l	100
61) 1,2-Dibromoethane	11.24	107	29624	49.051	ug/l	99
64) Tetrachloroethene	10.86	164	41082	53.185	ug/l	99
65) Chlorobenzene	11.66	112	126847	53.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	43907	52.046	ug/l	99
67) Ethyl Benzene	11.73	91	231930	57.246	ug/l	98
68) m/p-Xylenes	11.84	106	176155	112.085	ug/l	98
69) o-Xylene	12.17	106	83616	56.758	ug/l	97
70) Styrene	12.18	104	133981	55.327	ug/l	99
71) Bromoform	12.35	173	19465	44.446	ug/l	# 97
73) Isopropylbenzene	12.47	105	238553	58.829	ug/l	100
74) N-amyl acetate	12.27	43	40228	57.273	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	31610	51.991	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	24812m	59.841	ug/l	
77) Bromobenzene	12.75	156	49188	52.929	ug/l	94
78) n-propylbenzene	12.81	91	279125	59.133	ug/l	99
79) 2-Chlorotoluene	12.90	91	159435	57.980	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	203897	58.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10708	54.209	ug/l	97
82) 4-Chlorotoluene	12.99	91	166352	56.816	ug/l	100
83) tert-Butylbenzene	13.21	119	181077	59.002	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	204029	57.808	ug/l	100
85) sec-Butylbenzene	13.39	105	254484	60.167	ug/l	98
86) p-Isopropyltoluene	13.51	119	225420	58.610	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99842	54.111	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99238	53.768	ug/l	99
89) n-Butylbenzene	13.83	91	211740	60.044	ug/l	99
90) Hexachloroethane	14.10	117	36190	53.597	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	87464	52.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5829	46.685	ug/l	97

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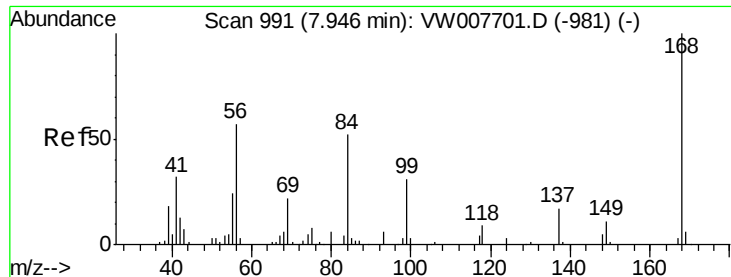
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61703	53.807	ug/l	99
94) Hexachlorobutadiene	15.24	225	34534	56.350	ug/l	100
95) Naphthalene	15.38	128	113430	53.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	51799	52.769	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 78704

Ion Ratio Lower Upper

168 100

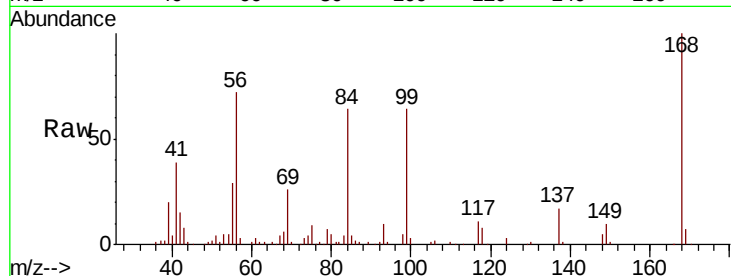
99 64.0 54.0 81.0

Manual Integrations

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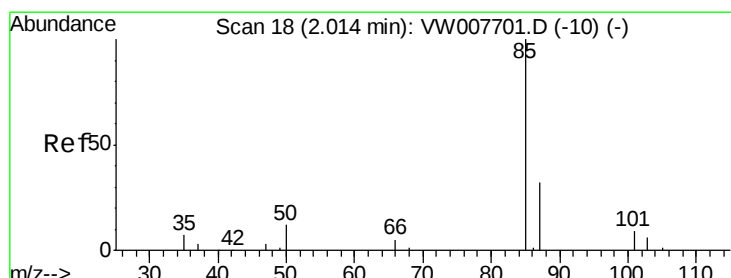
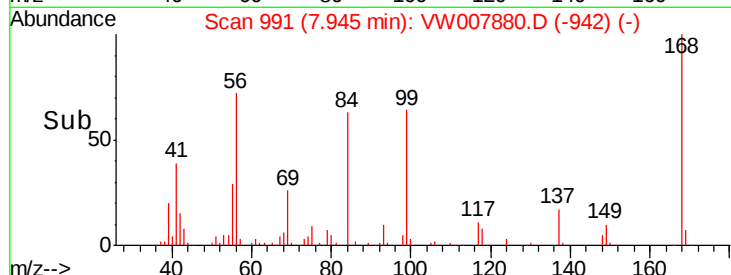
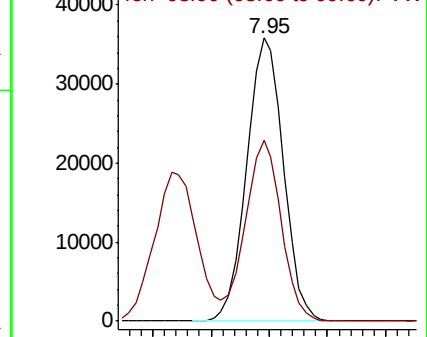
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.315 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007880.D

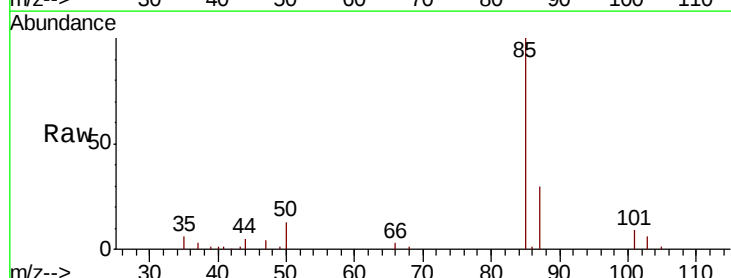
Acq: 24 Dec 2018 10:32

Tgt Ion: 85 Resp: 35904

Ion Ratio Lower Upper

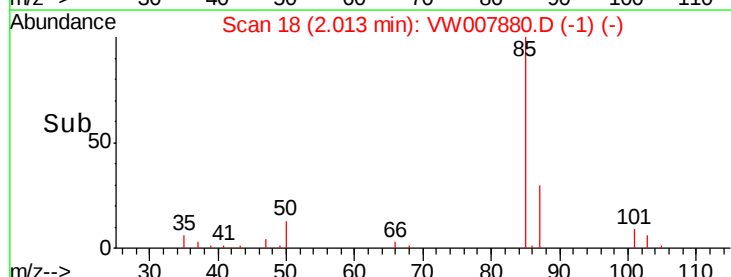
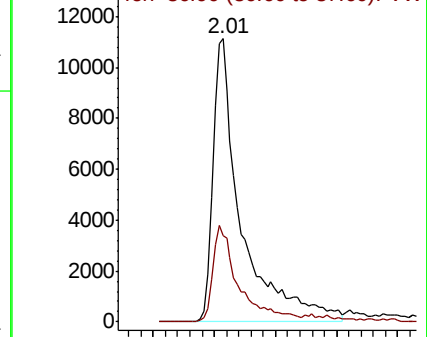
85 100

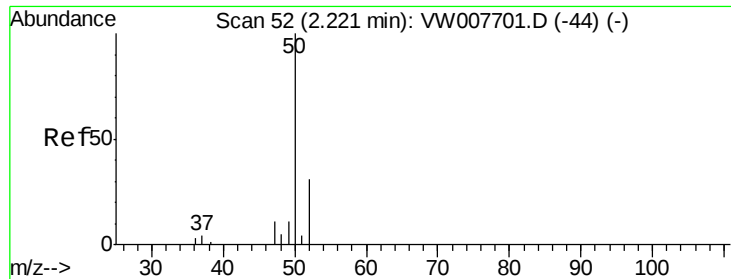
87 30.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 68.944 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 29621

Ion Ratio Lower Upper

50 100

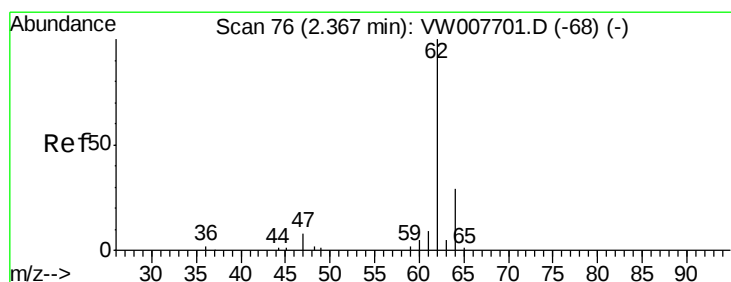
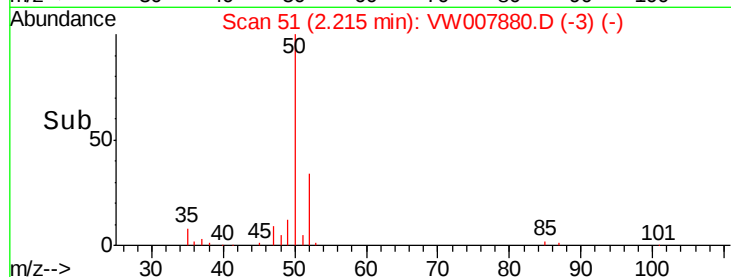
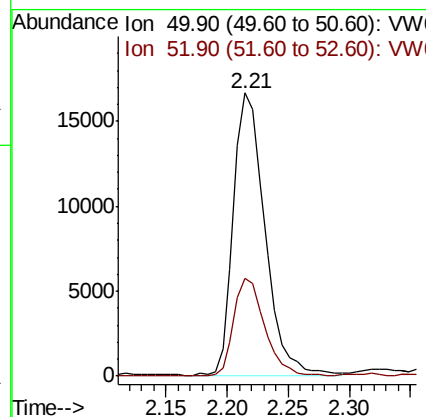
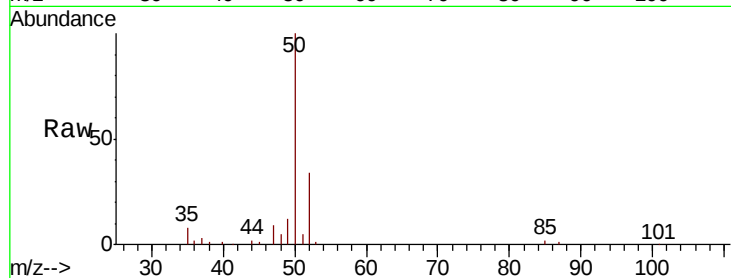
52 34.5 25.1 37.7

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#4

Vinyl Chloride

Concen: 71.227 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007880.D

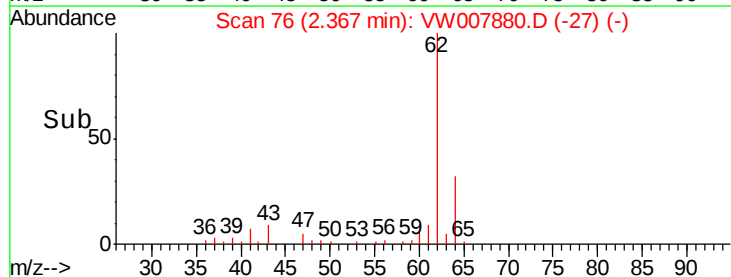
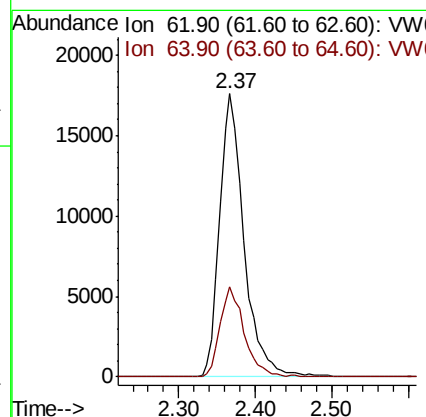
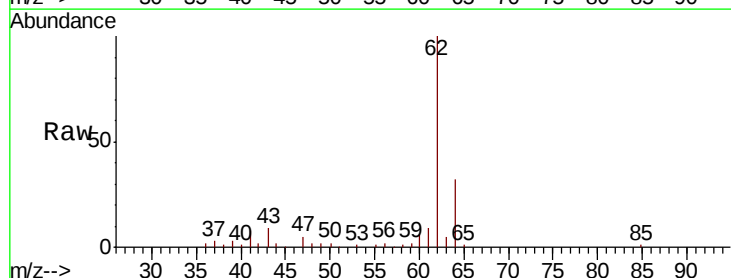
Acq: 24 Dec 2018 10:32

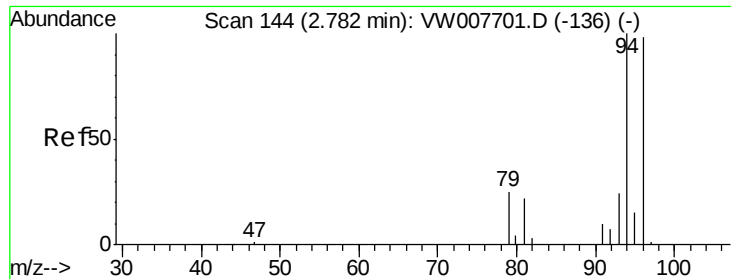
Tgt Ion: 62 Resp: 38955

Ion Ratio Lower Upper

62 100

64 31.8 23.4 35.0





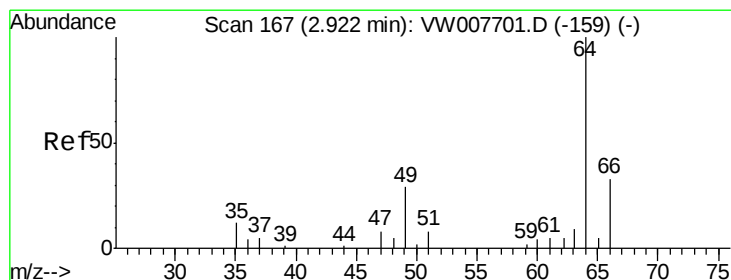
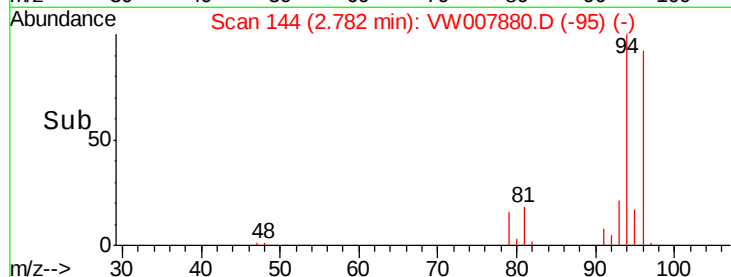
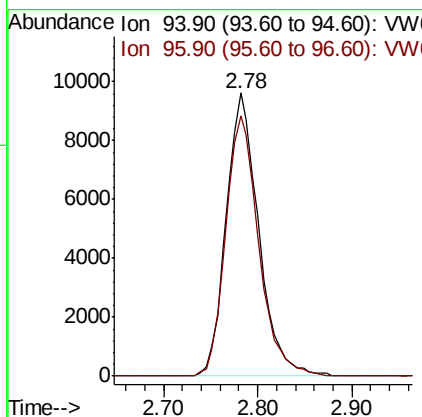
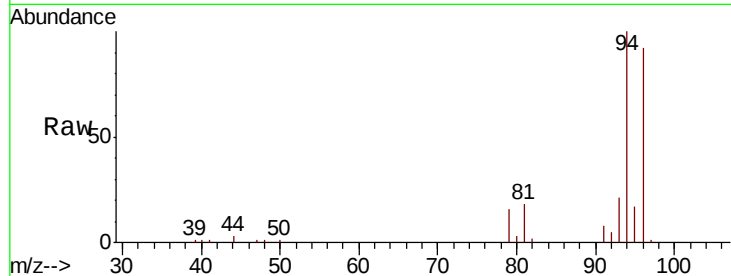
#5
Bromomethane
Concen: 60.584 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion: 94 Resp: 23078
Ion Ratio Lower Upper
94 100
96 91.9 78.2 117.2

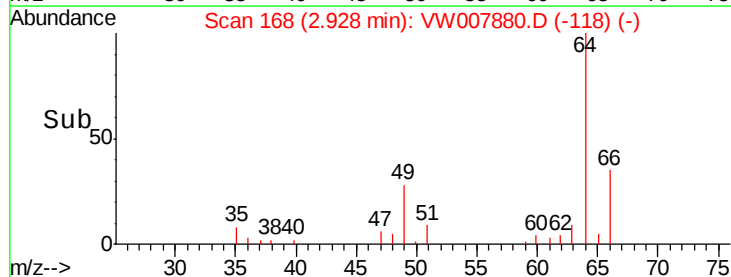
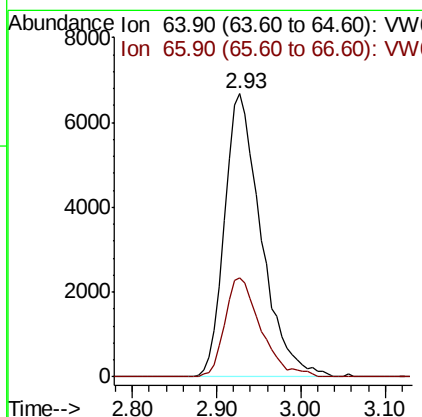
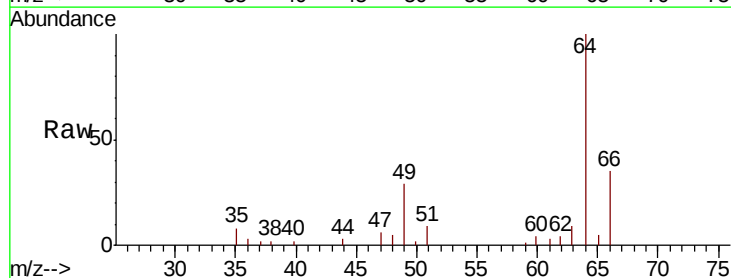
Manual Integrations
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#6
Chloroethane
Concen: 67.664 ug/l
RT: 2.93 min Scan# 168
Delta R.T. 0.01 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion: 64 Resp: 19798
Ion Ratio Lower Upper
64 100
66 34.8 26.2 39.4





#7

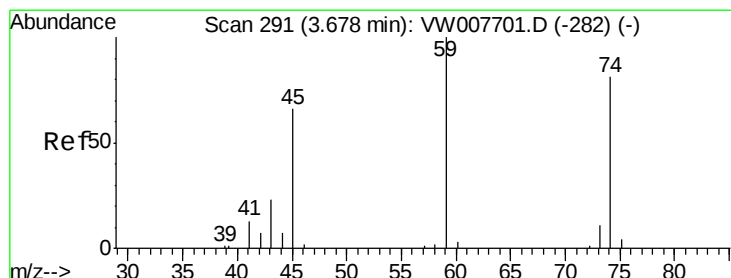
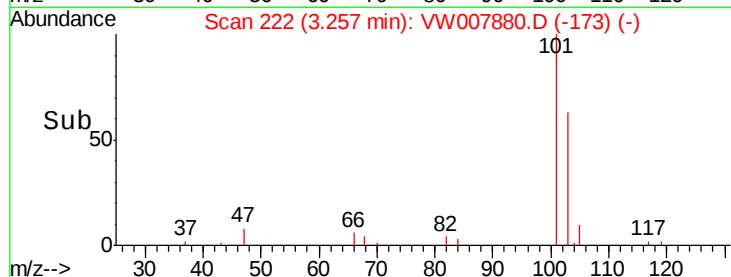
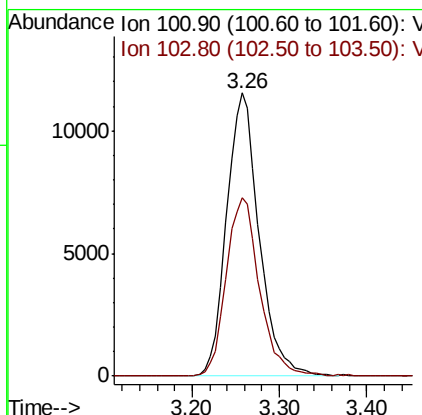
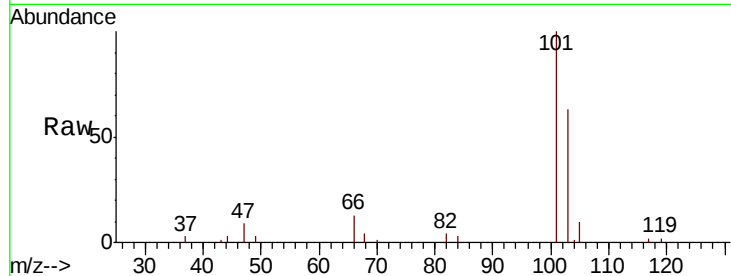
Trichlorofluoromethane
 Concen: 52.367 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 29817
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.4 80.2

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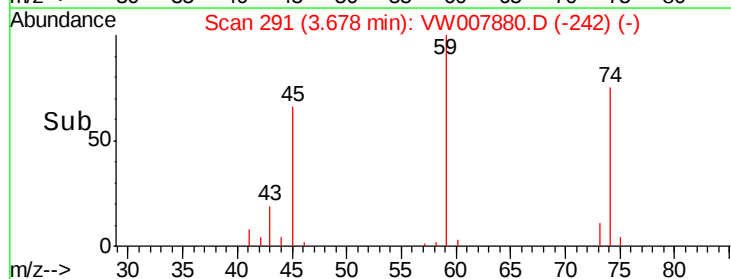
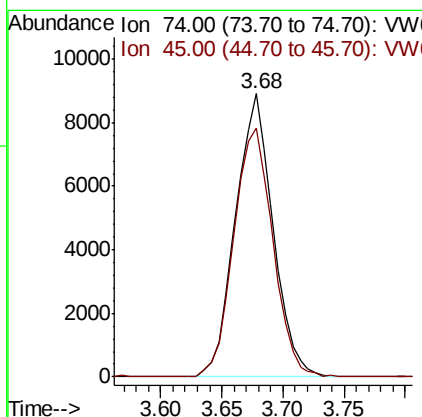
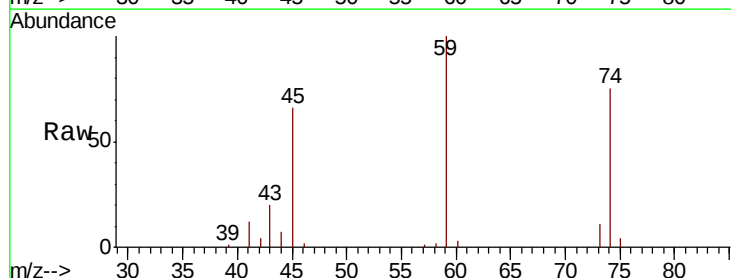
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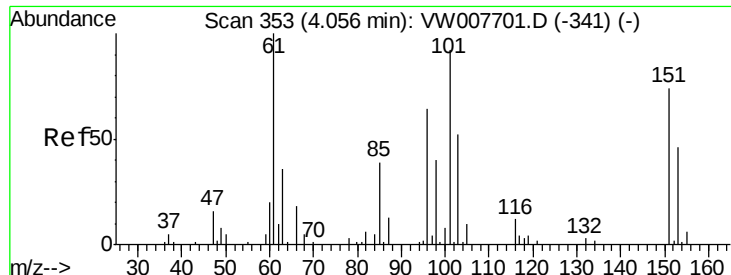


#8

Diethyl Ether
 Concen: 54.454 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion: 74 Resp: 18991
 Ion Ratio Lower Upper
 74 100
 45 91.3 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.932 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

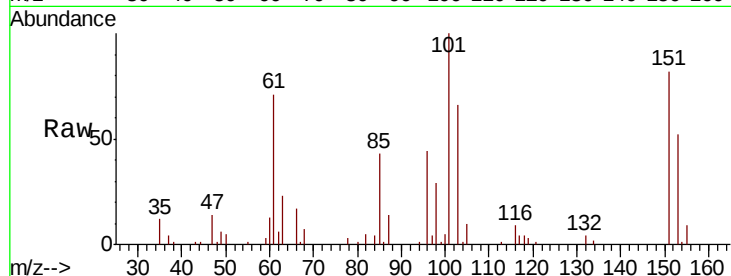
ClientSampleId :

VSTDCCC050

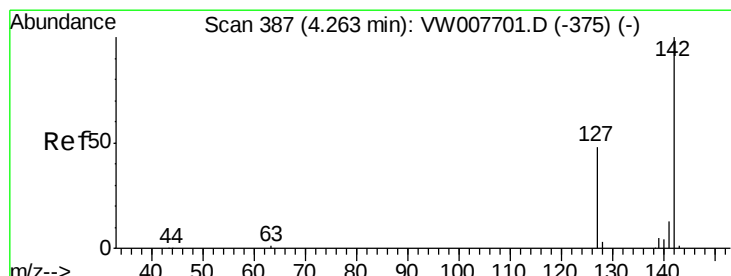
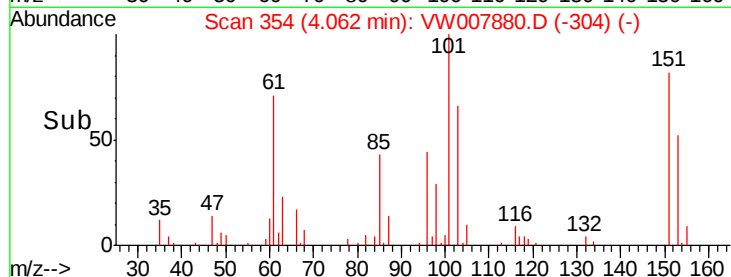
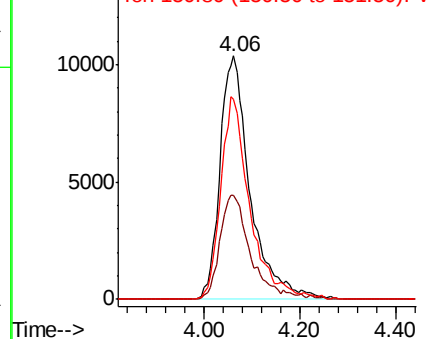
Tot Ion:	101	Resp:	45226
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.3	51.5
151	80.4	64.6	96.8

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.858 ug/l

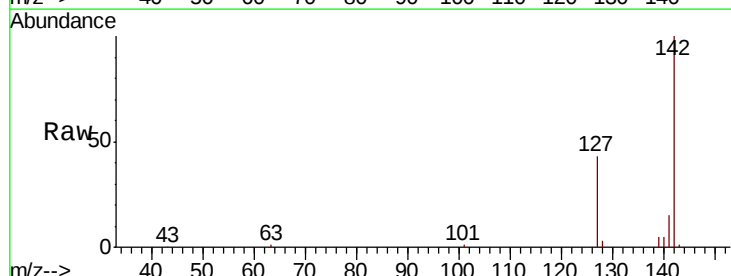
RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

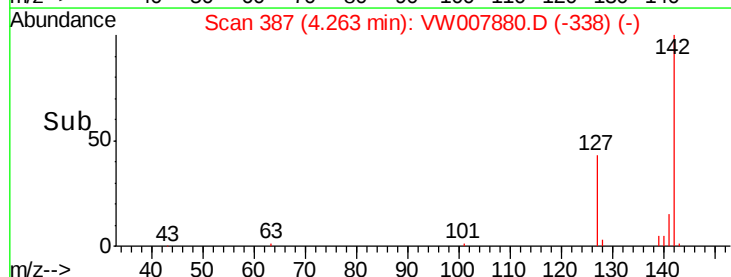
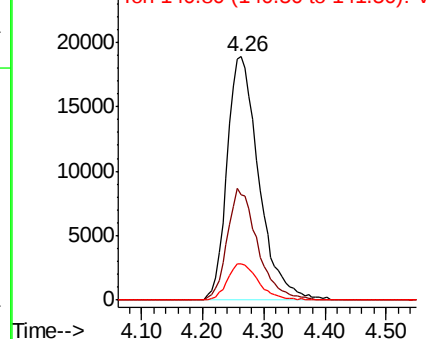
Lab File: VW007880.D

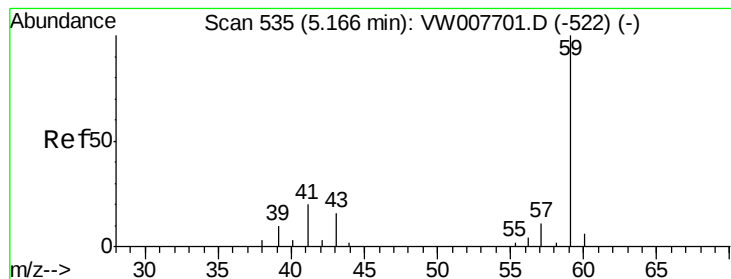
Acq: 24 Dec 2018 10:32

Tgt Ion:	142	Resp:	67823
Ion Ratio	Lower	Upper	
142	100		
127	43.7	37.7	56.5
141	14.6	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

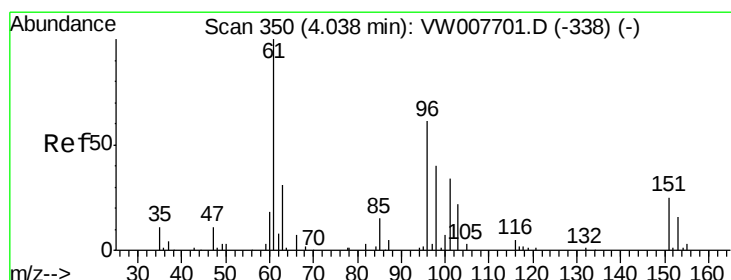
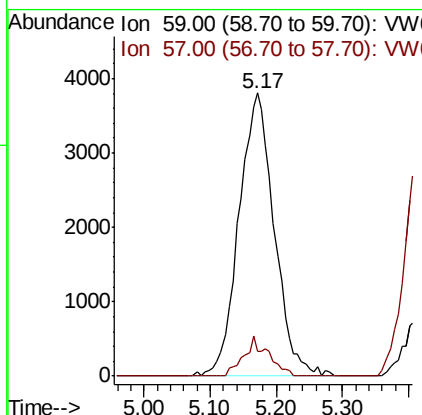
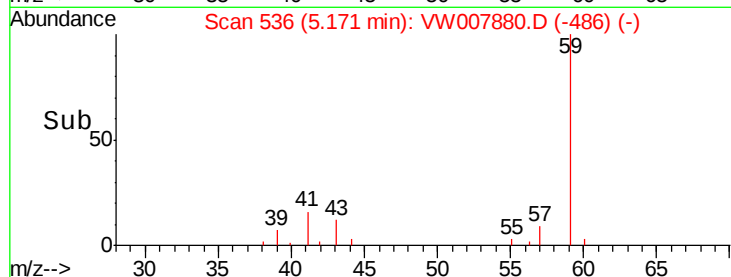
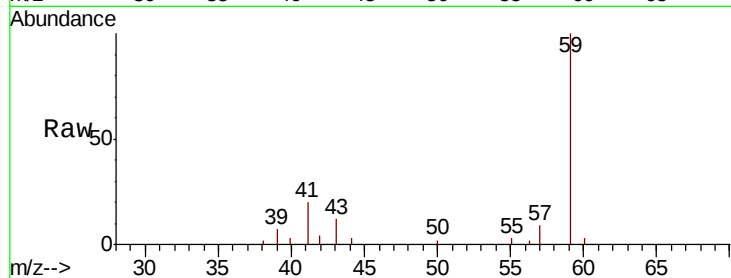
Tert butyl alcohol
 Concen: 242.493 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.8	7.8	11.8

Manual Integrations
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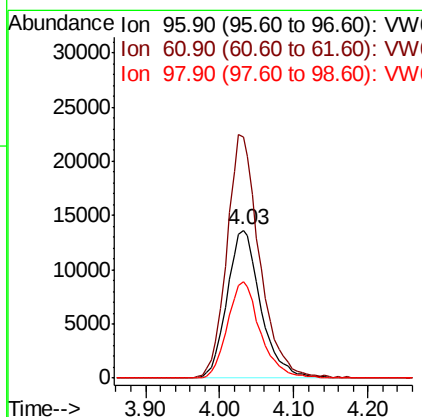
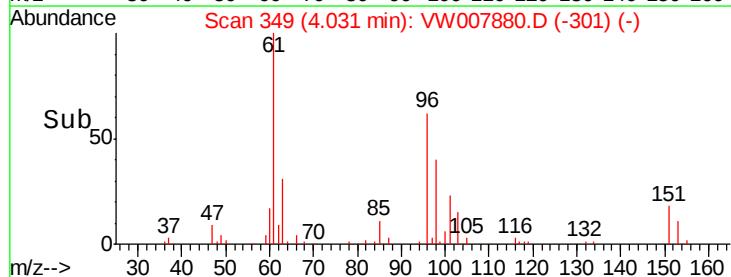
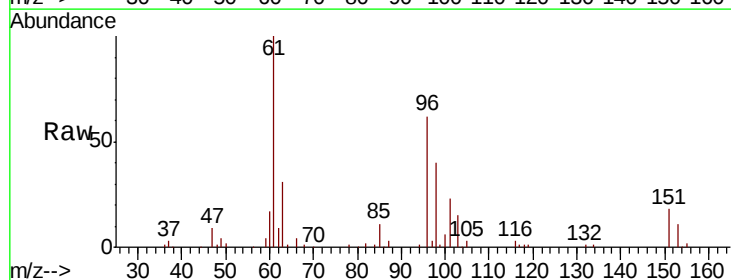
MMDadoda
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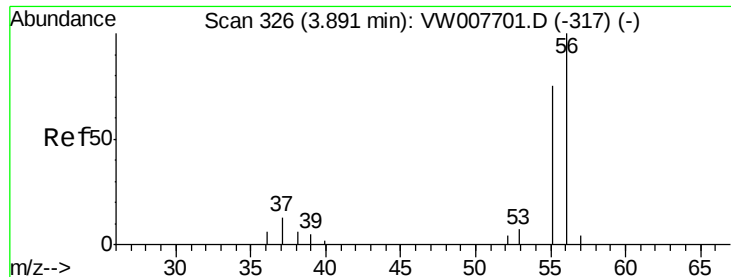


#12

1,1-Dichloroethene
 Concen: 55.422 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	162.4	130.6	195.8
98	98	64.7	52.3	78.5





#13

Acrolein

Concen: 255.549 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 11890

Ion Ratio Lower Upper

56 100

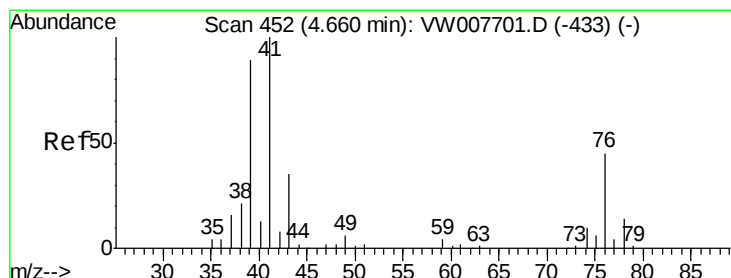
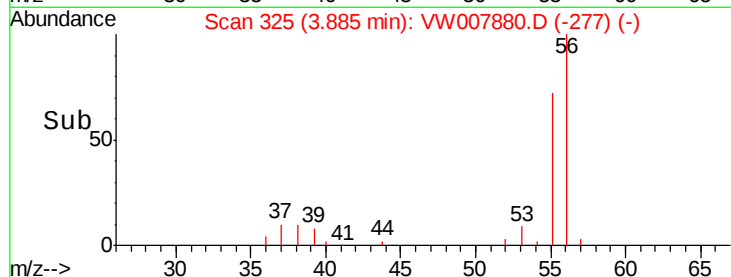
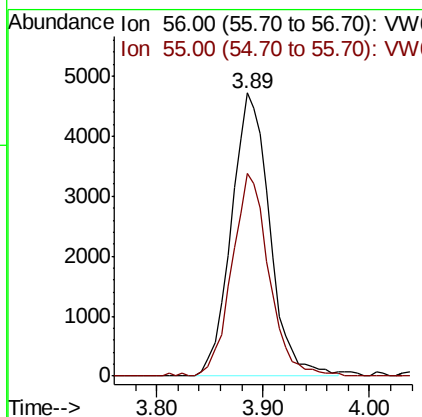
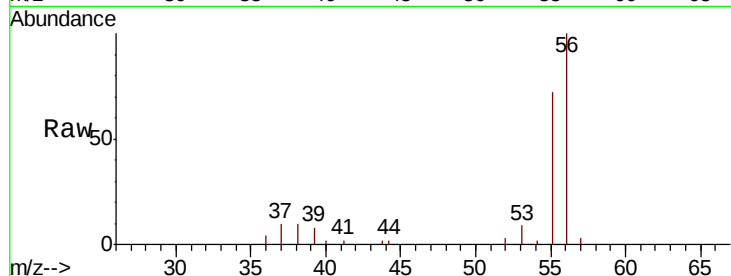
55 69.3 57.7 86.5

Manual Integrations

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#14

Allyl chloride

Concen: 62.421 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

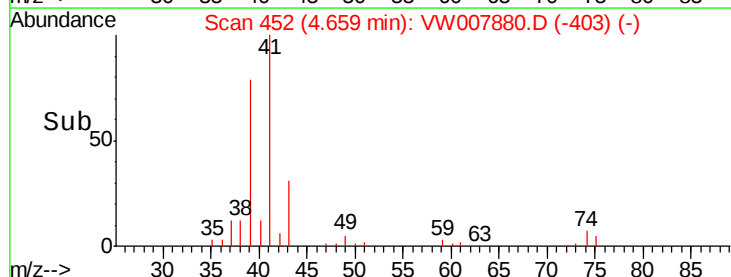
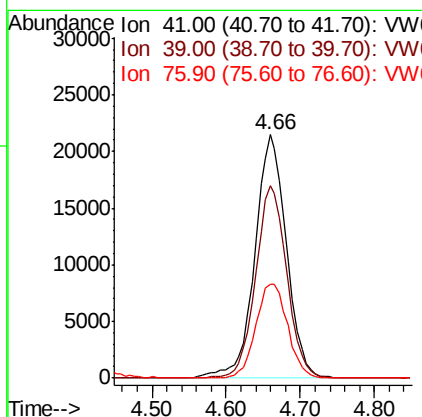
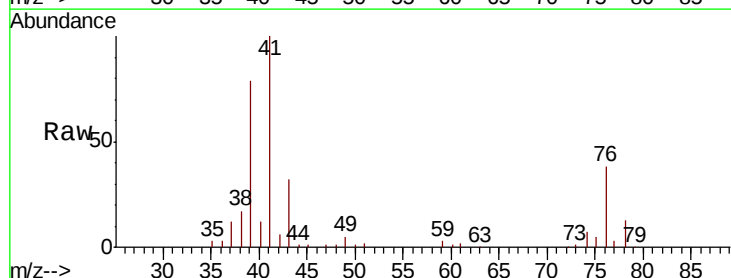
Tgt Ion: 41 Resp: 63562

Ion Ratio Lower Upper

41 100

39 78.3 69.5 104.3

76 38.9 34.8 52.2





#15

Acrylonitrile

Concen: 259.123 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

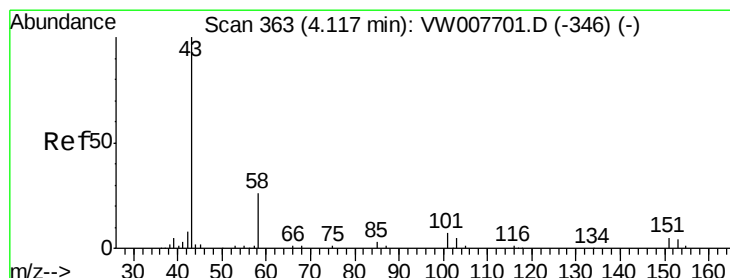
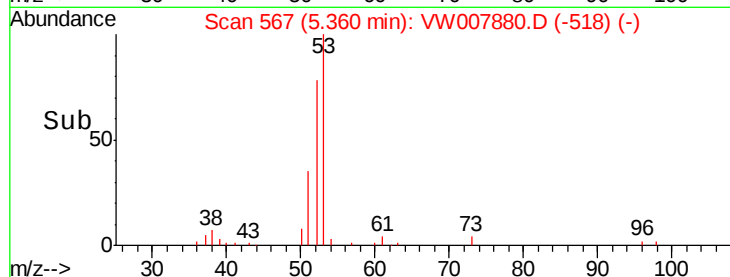
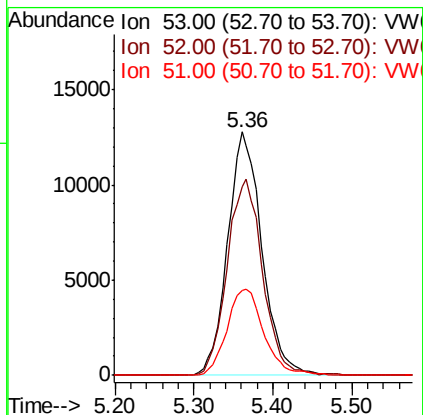
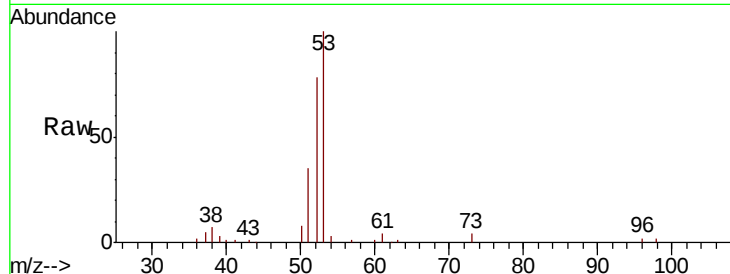
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	38549
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.0	100.4
51	38.0	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 292.597 ug/l

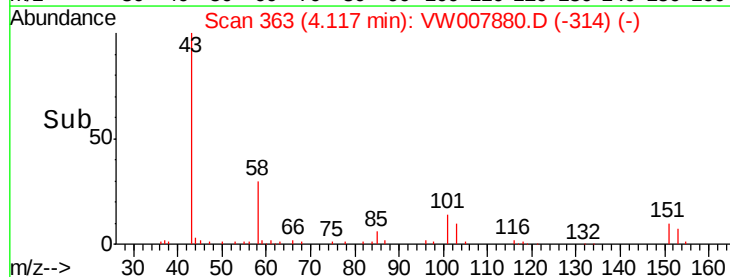
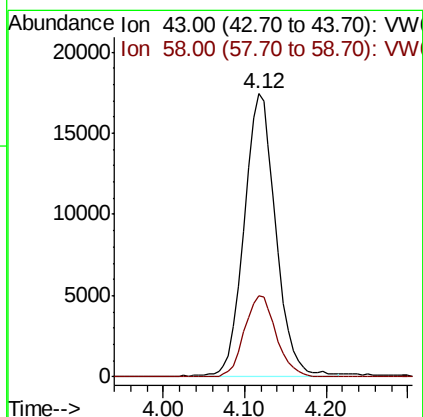
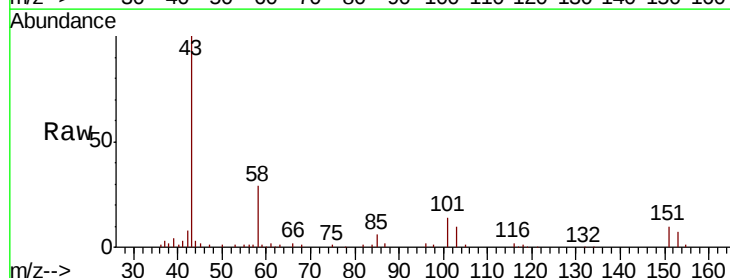
RT: 4.12 min Scan# 363

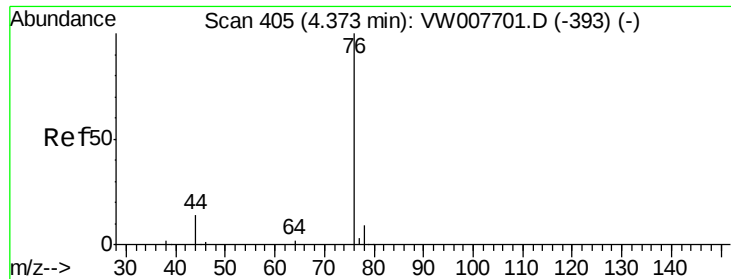
Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:	43	Resp:	47265
Ion	Ratio	Lower	Upper
43	100		
58	28.8	21.2	31.8





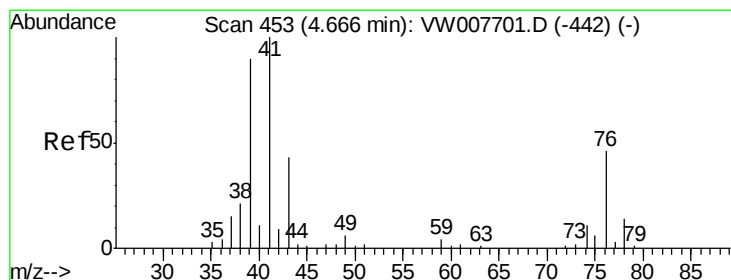
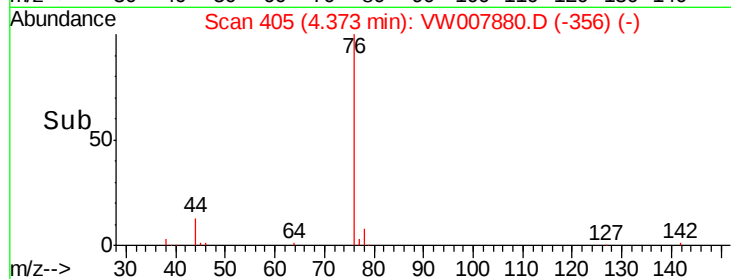
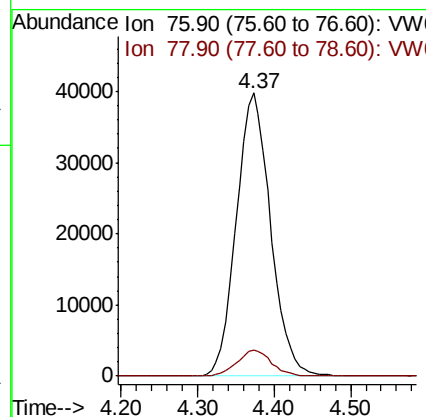
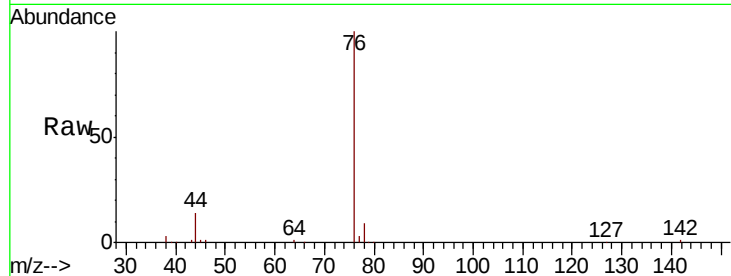
#17
Carbon Disulfide
Concen: 51.274 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

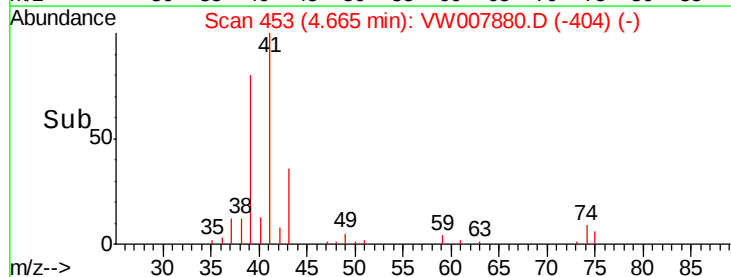
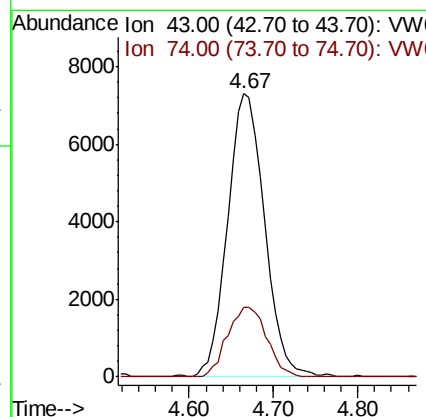
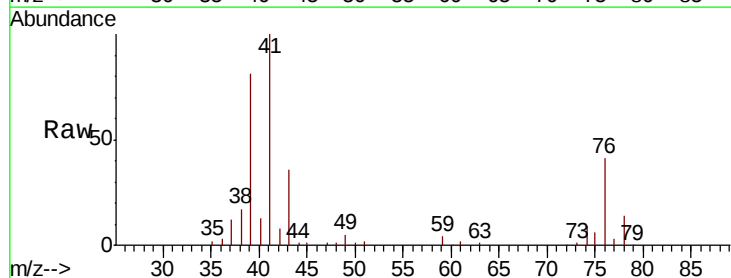
Manual Integrations
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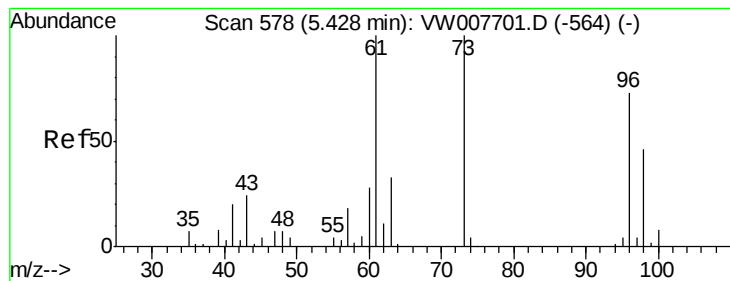
MMDadoda
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#18
Methyl Acetate
Concen: 56.772 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.0	22.7	34.1





#19

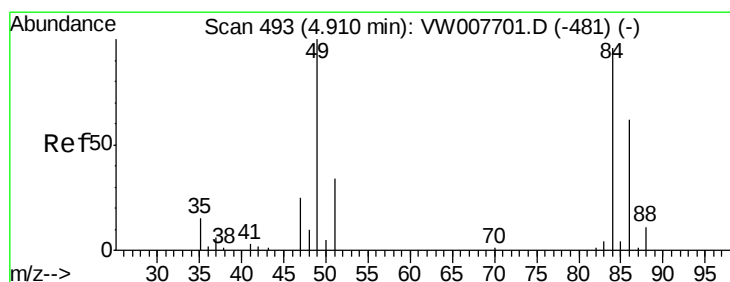
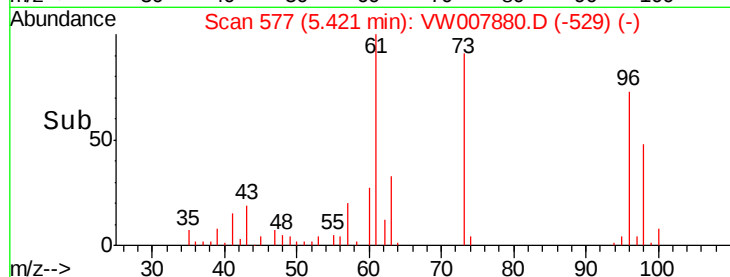
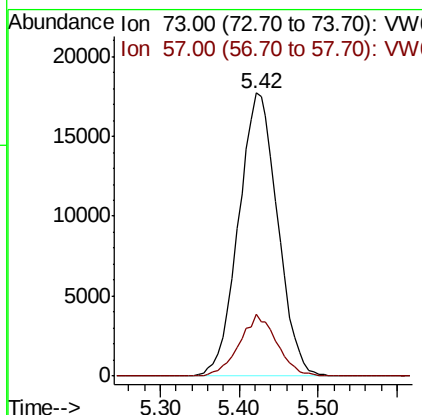
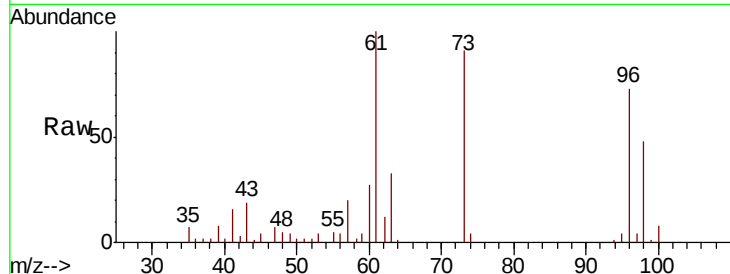
Methyl tert-butyl Ether
 Concen: 54.549 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	14.7	22.1#

Manual Integrations
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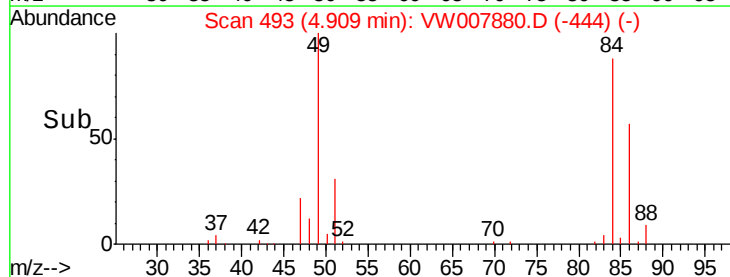
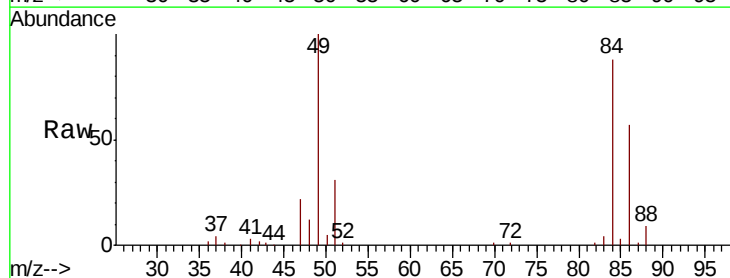
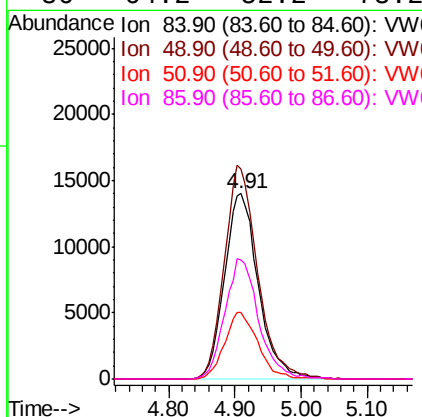
MMDadoda
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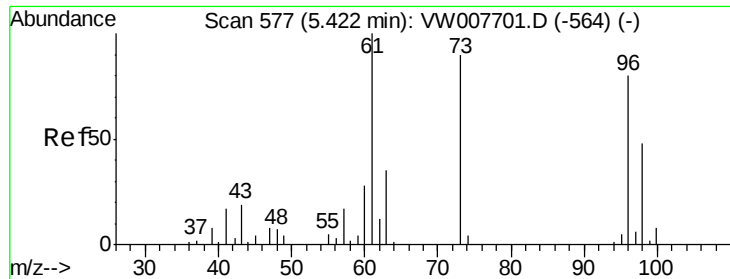


#20

Methylene Chloride
 Concen: 63.194 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	83.7	125.5
51	35.6	28.2	42.2
86	64.2	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 52.842 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

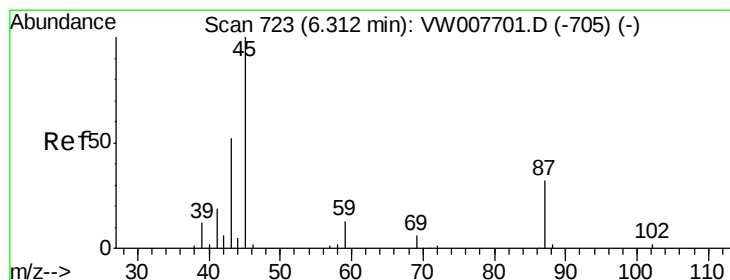
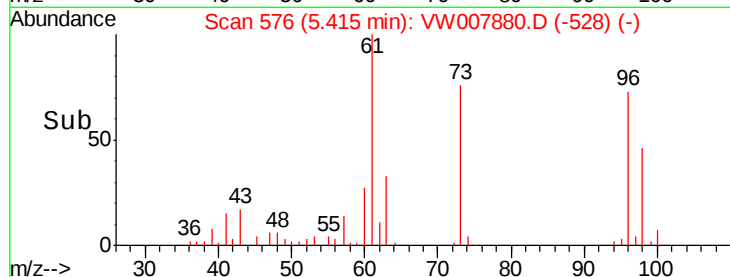
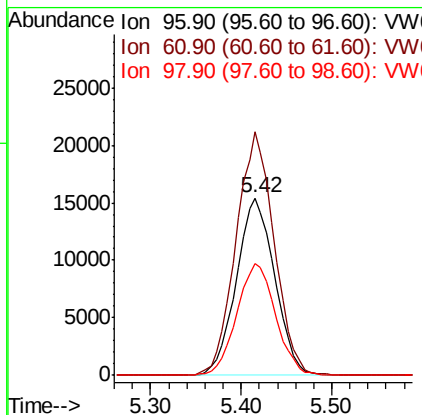
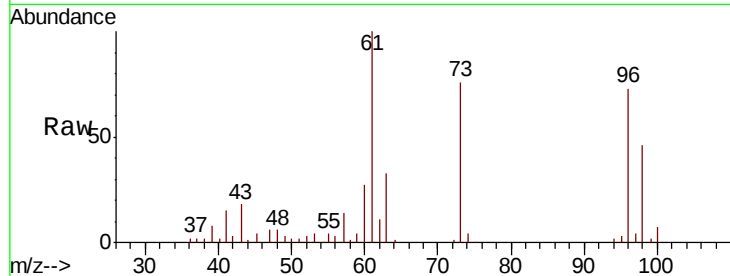
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	45128
Ion	Ratio	Lower	Upper
96	100		
61	137.0	100.1	150.1
98	62.8	48.5	72.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.173 ug/l

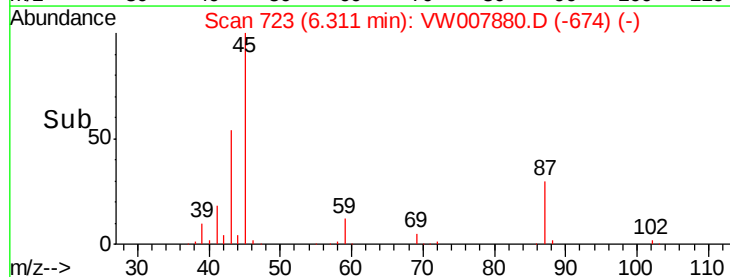
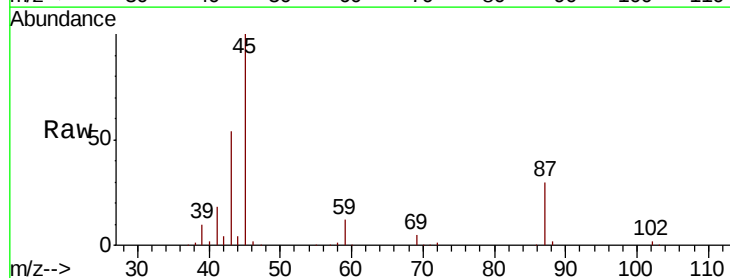
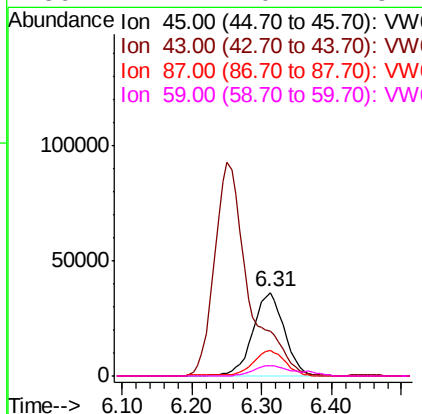
RT: 6.31 min Scan# 723

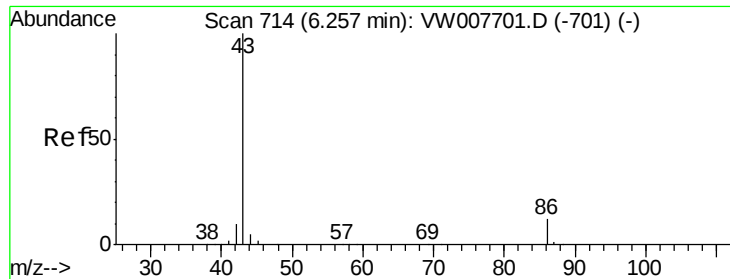
Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:	45	Resp:	112826
Ion	Ratio	Lower	Upper
45	100		
43	53.5	43.7	65.5
87	30.2	26.6	40.0
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 276.234 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 312926

Ion Ratio Lower Upper

43 100

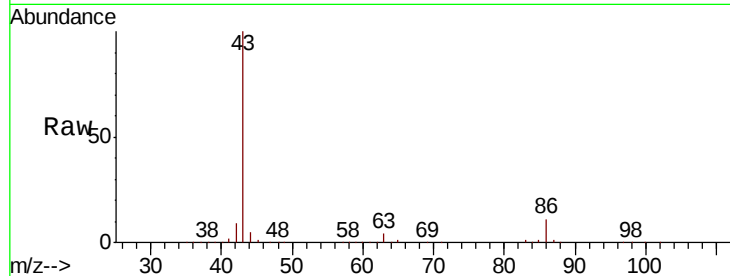
86 11.0 9.6 14.4

Manual Integrations

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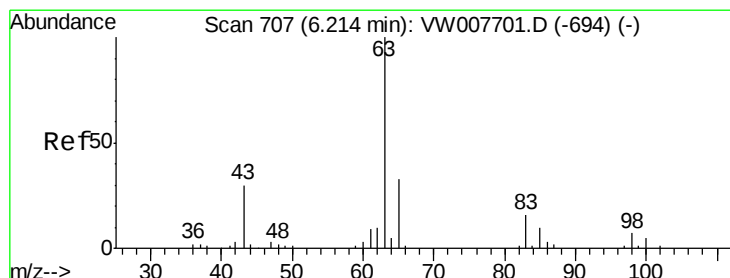
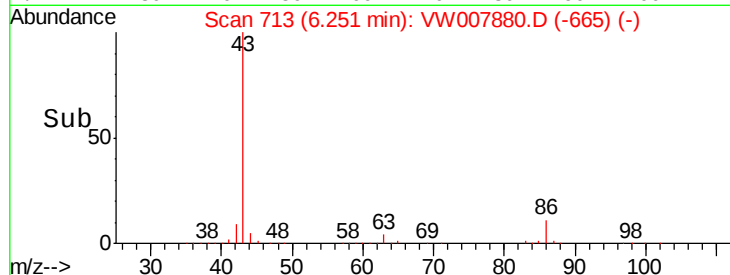
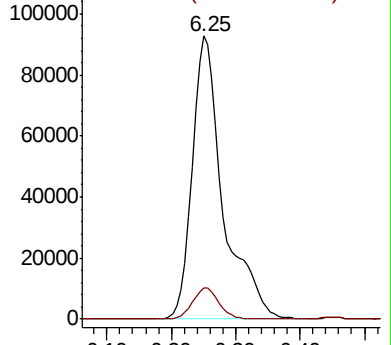
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.409 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

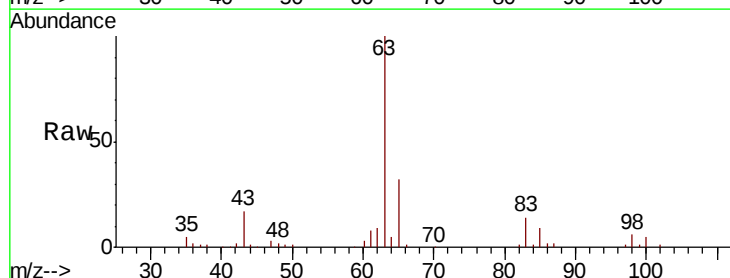
Tgt Ion: 63 Resp: 77722

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.9

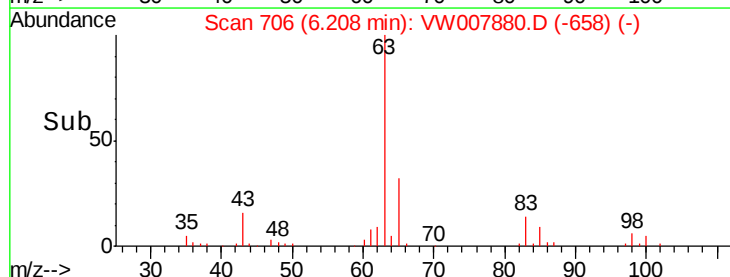
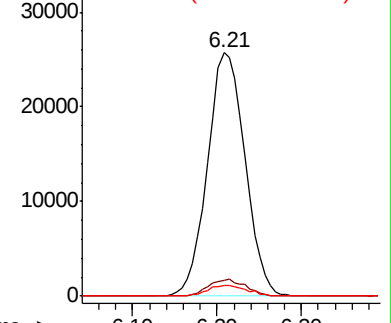
100 4.6 2.5 7.5

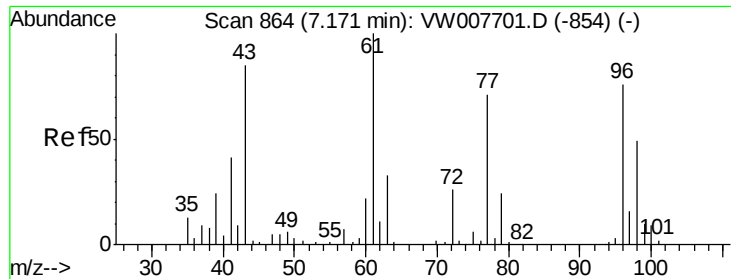


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 271.905 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 51446

Ion Ratio Lower Upper

43 100

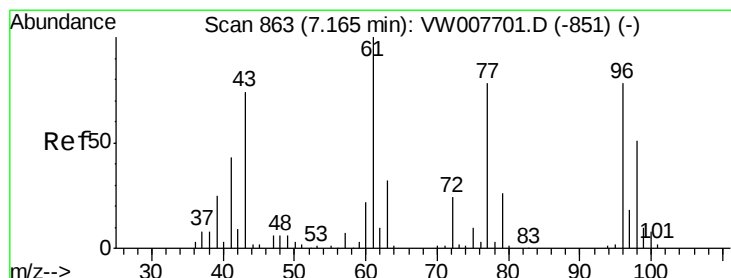
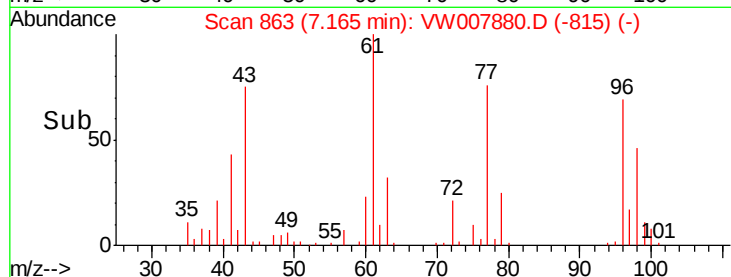
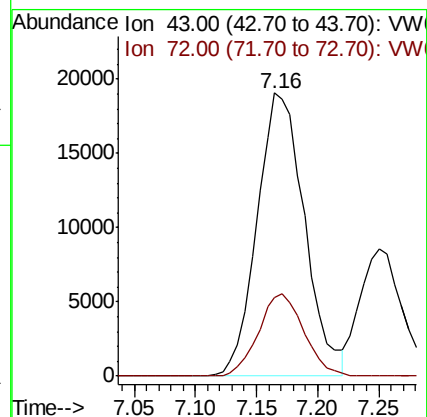
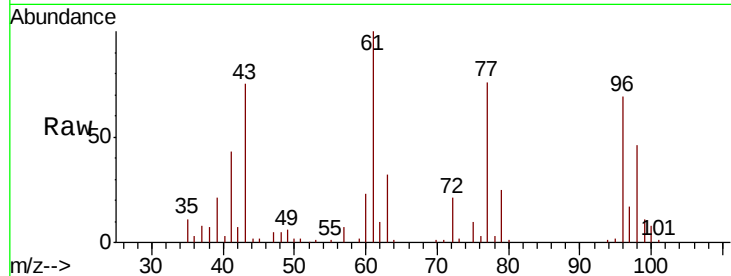
72 27.6 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.913 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007880.D

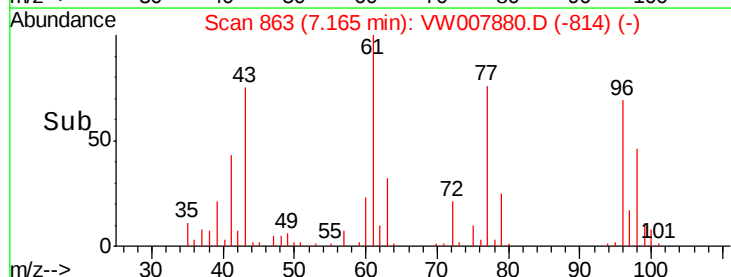
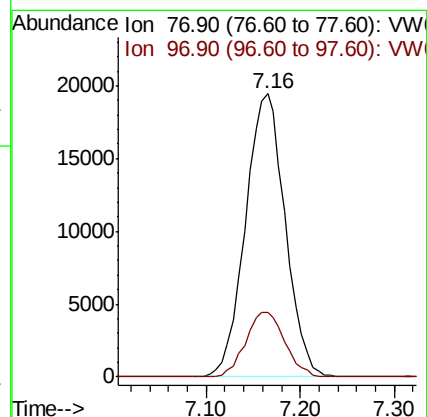
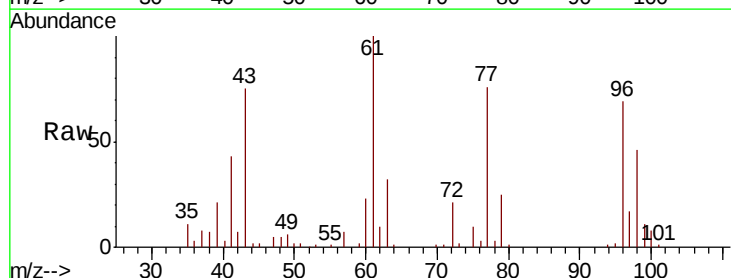
Acq: 24 Dec 2018 10:32

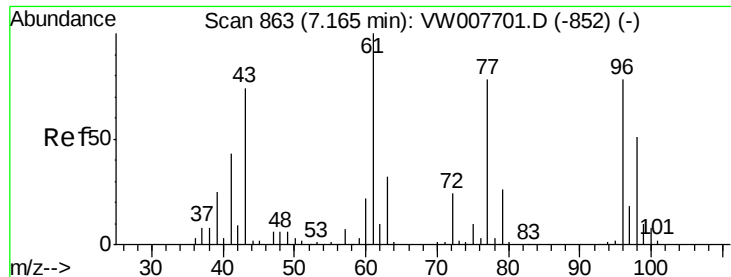
Tgt Ion: 77 Resp: 57391

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.9





#27

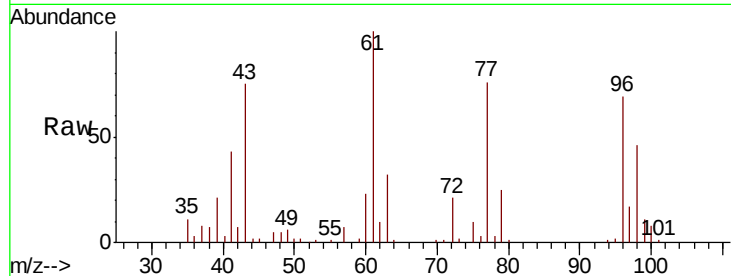
cis-1,2-Dichloroethene
Concen: 52.653 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

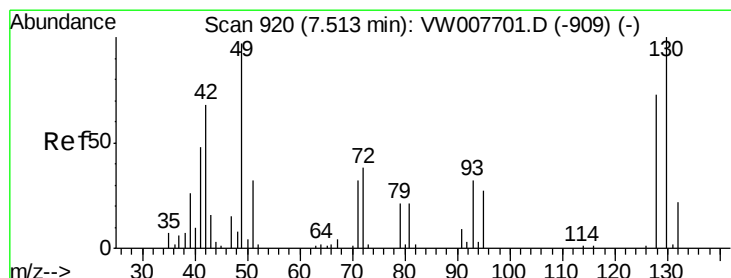
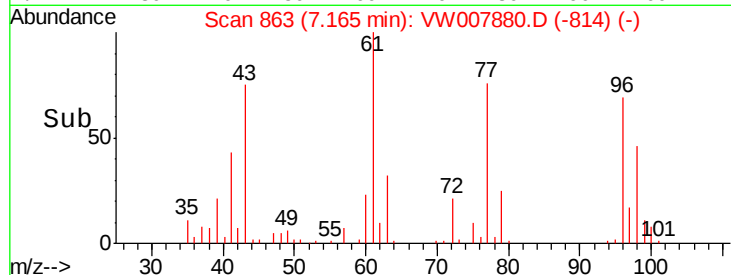
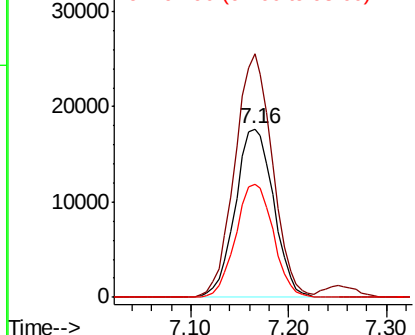
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	271.6
98	65.9	0.0	131.2

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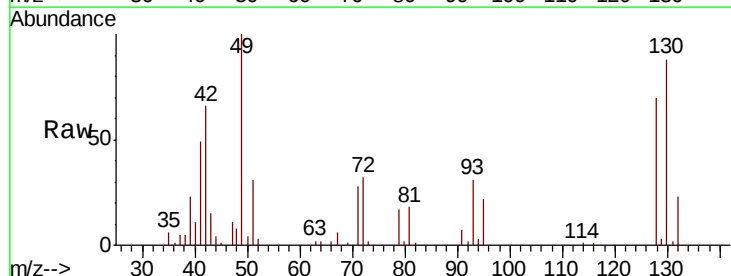
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



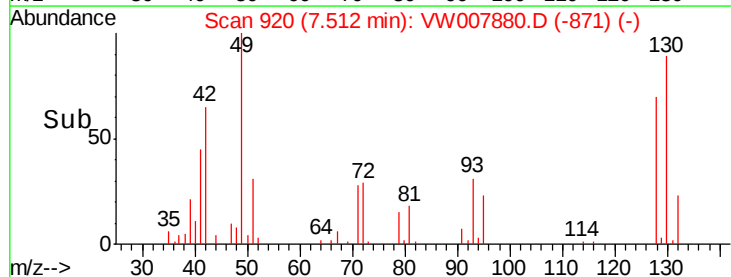
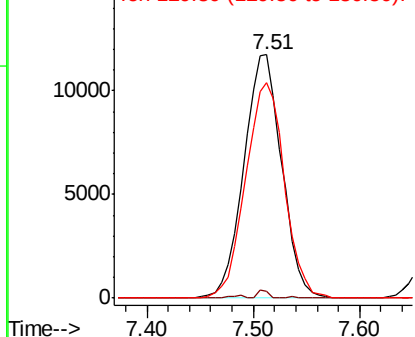
#28

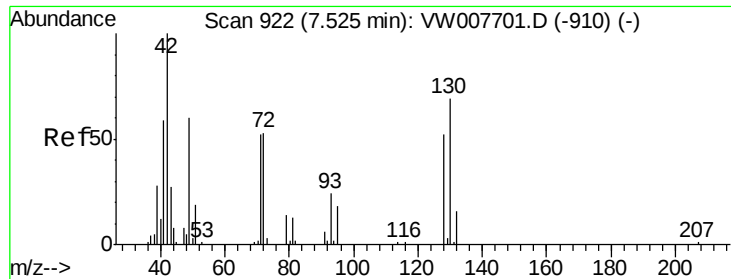
Bromochloromethane
Concen: 61.273 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	90.6	81.5	122.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





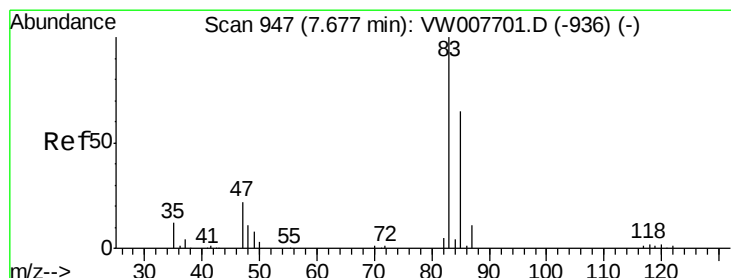
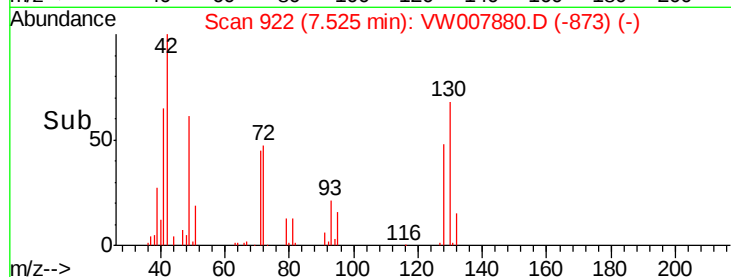
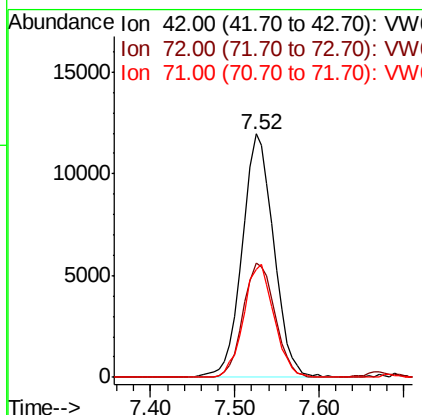
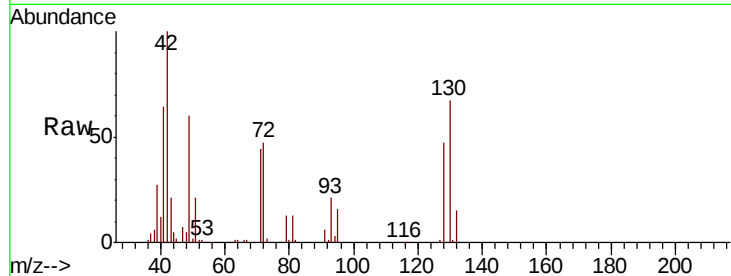
#29
Tetrahydrofuran
Concen: 267.734 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	41.7	62.5
71	44.7	39.0	58.6

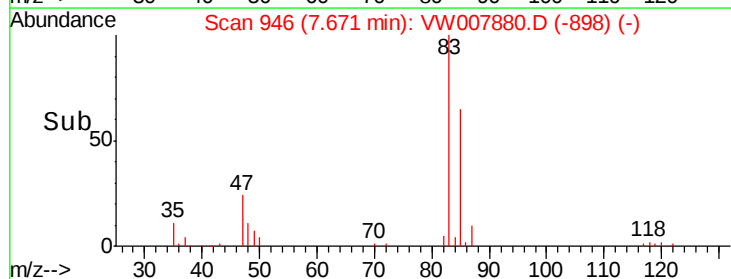
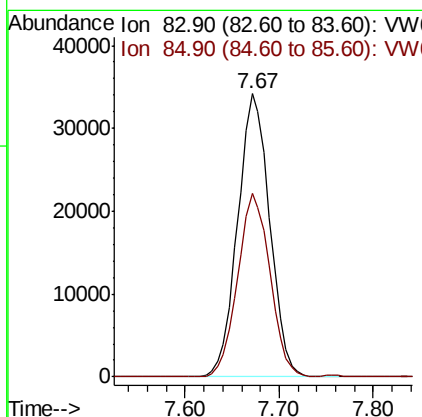
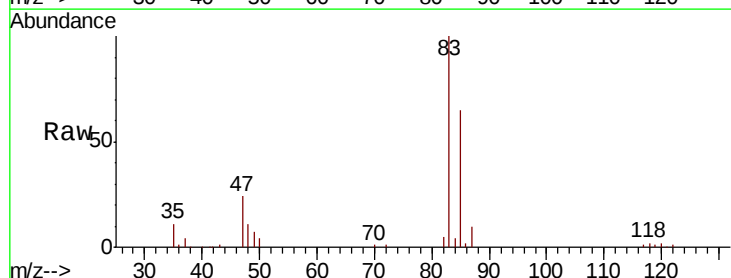
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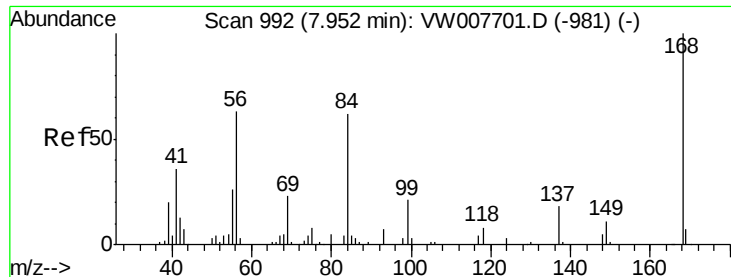
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#30
Chloroform
Concen: 50.858 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.2	78.2





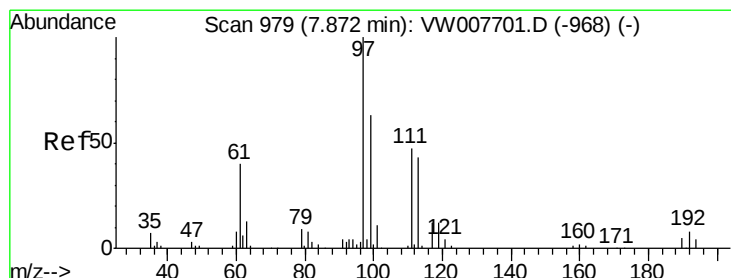
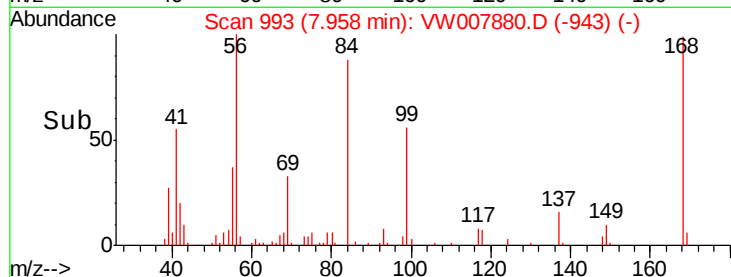
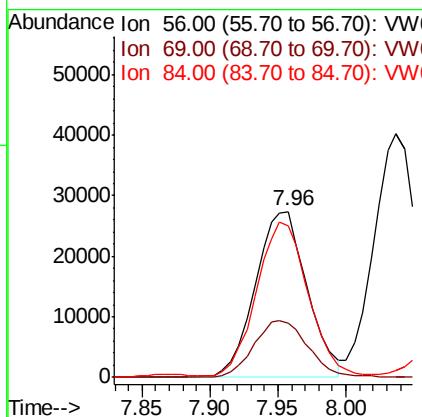
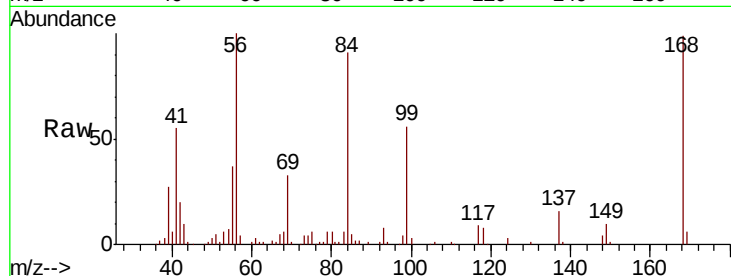
#31
Cyclohexane
Concen: 56.860 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	29.7	44.5
84	89.9	78.9	118.3

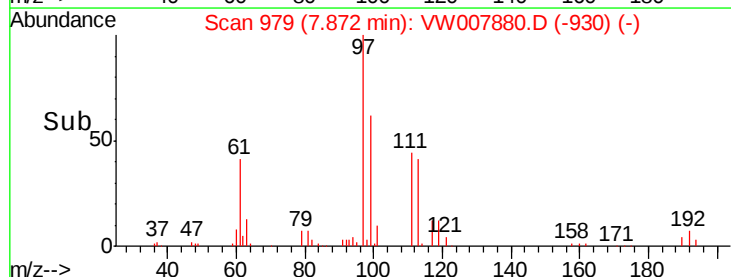
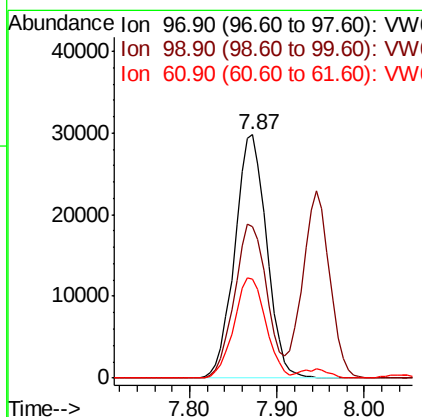
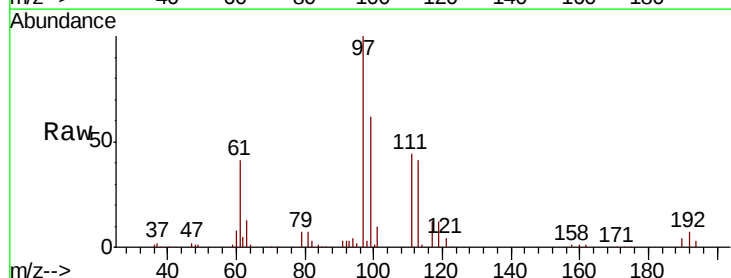
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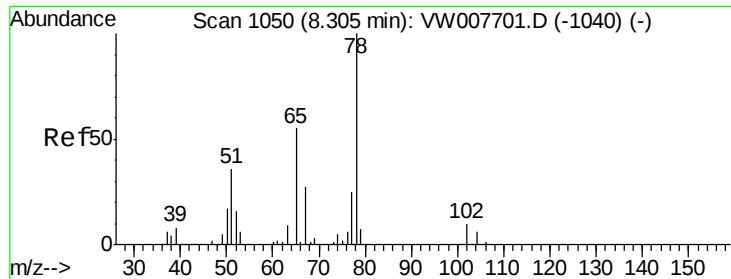
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#32
1,1,1-Trichloroethane
Concen: 52.251 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	41.1	32.3	48.5





#33

1,2-Dichloroethane-d4

Concen: 44.535 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 38417

Ion Ratio Lower Upper

65 100

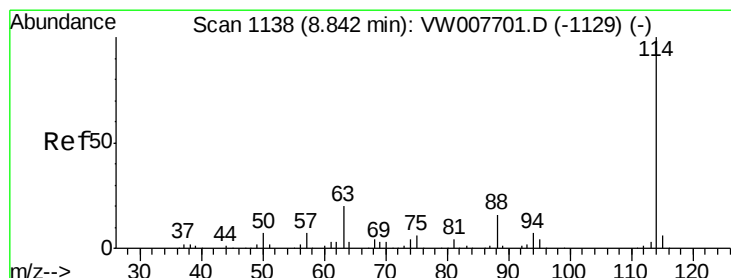
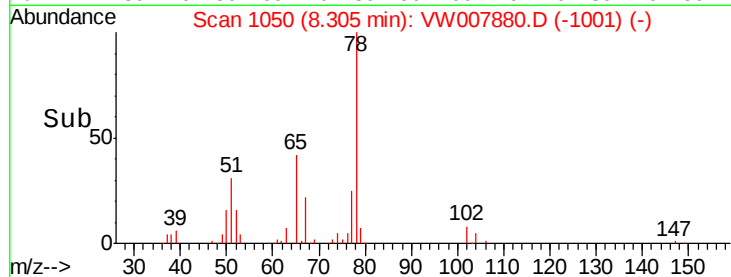
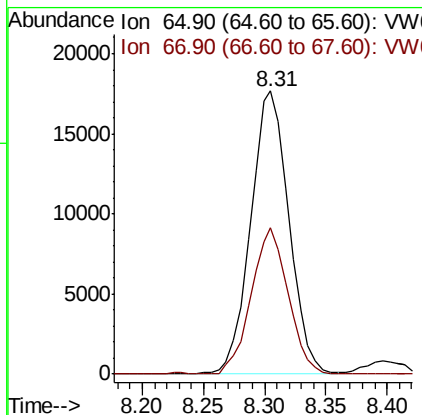
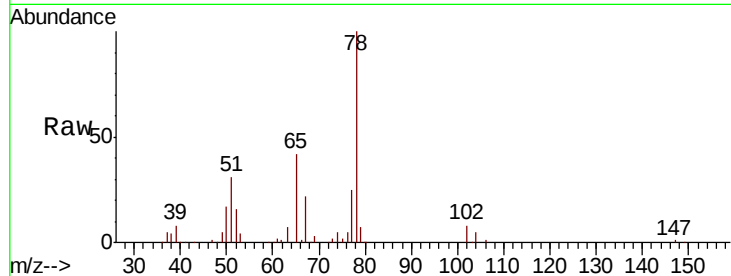
67 49.8 0.0 100.6

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12/26/2018 4:38:06 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

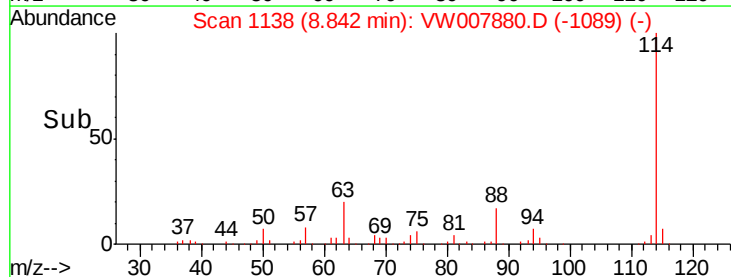
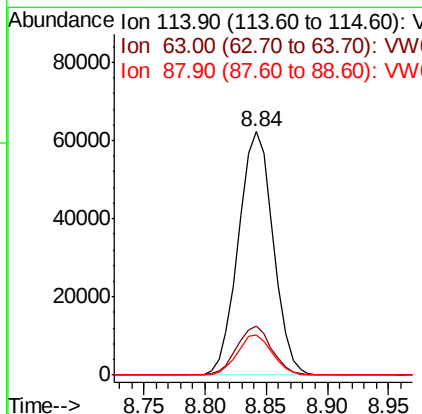
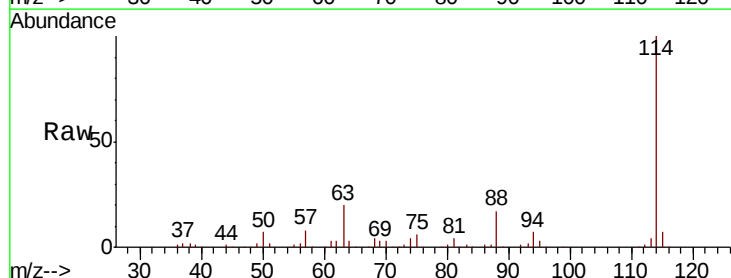
Tgt Ion: 114 Resp: 122972

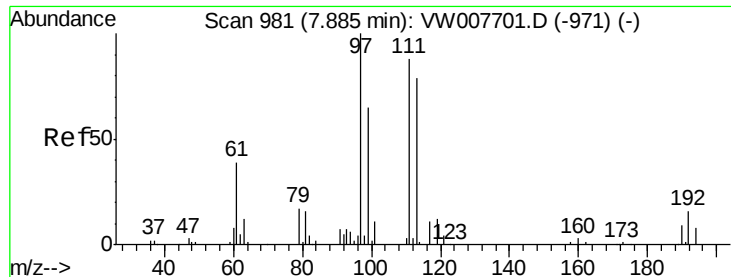
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.105 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:113 Resp: 36088

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

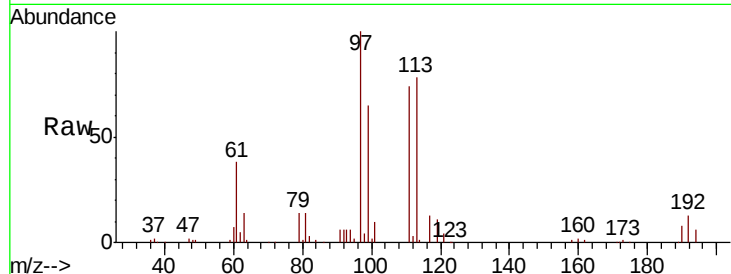
192 18.3 15.5 23.3

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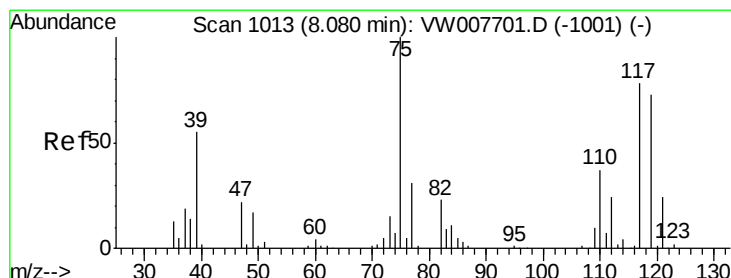
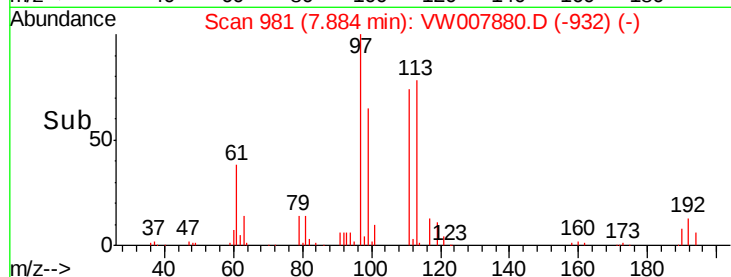
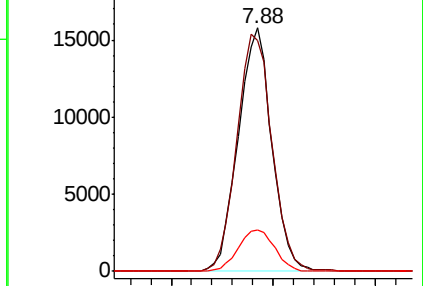
12/26/2018 4:38:06 PM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.931 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

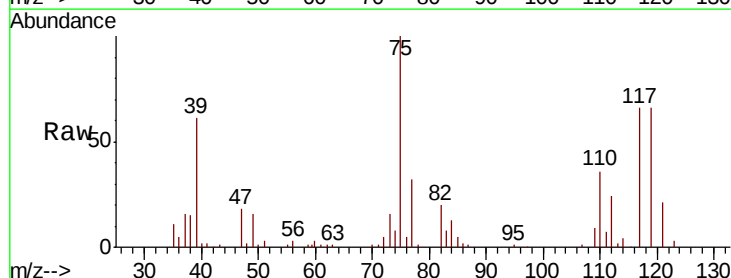
Tgt Ion: 75 Resp: 66385

Ion Ratio Lower Upper

75 100

110 35.9 18.6 55.8

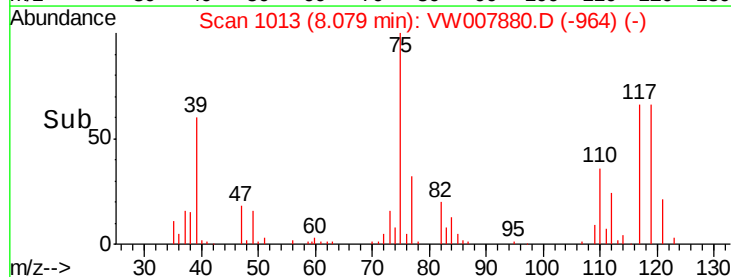
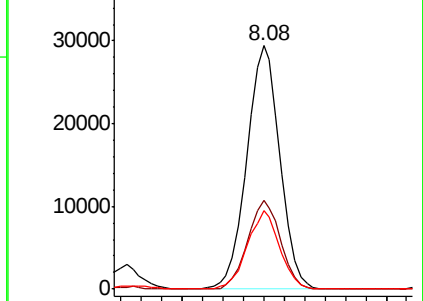
77 31.6 25.0 37.4

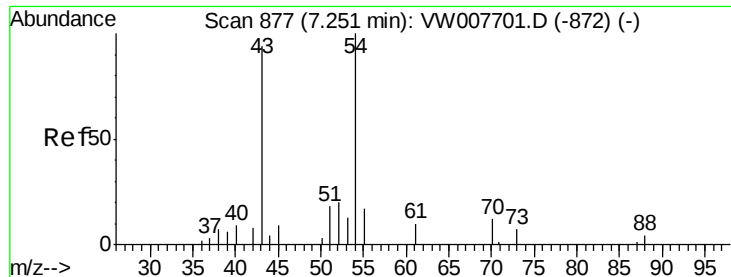


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





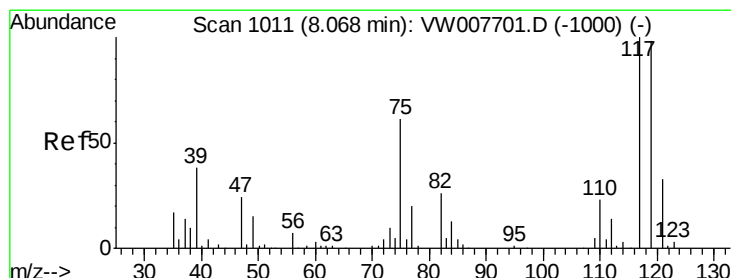
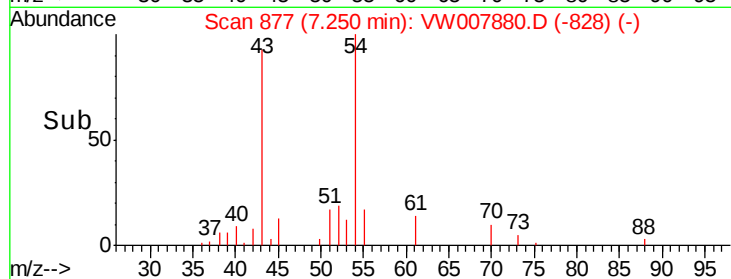
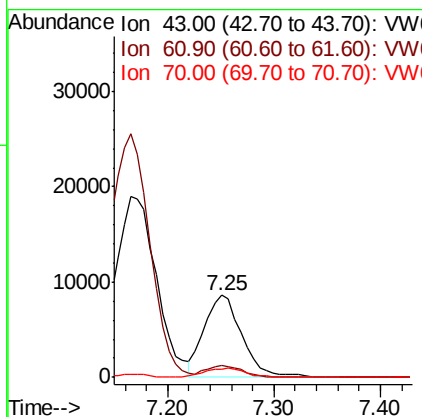
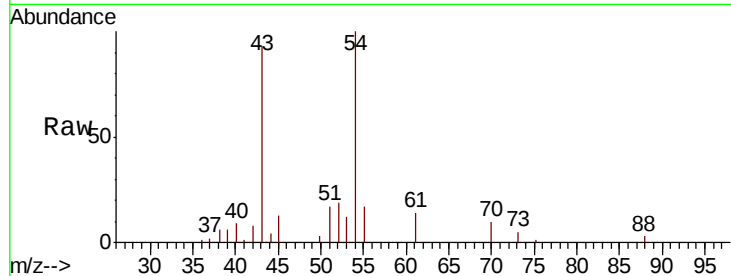
#37
Ethyl Acetate
Concen: 51.473 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.2	16.8
70	12.1	9.3	13.9

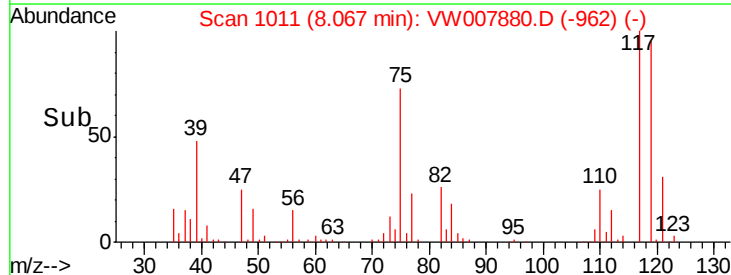
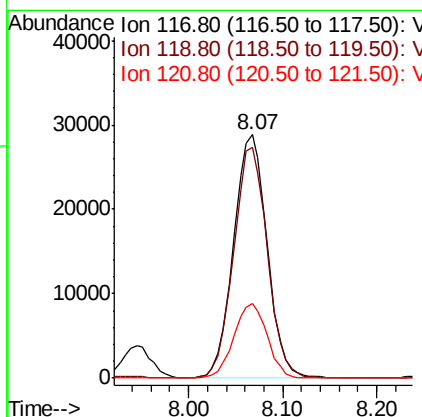
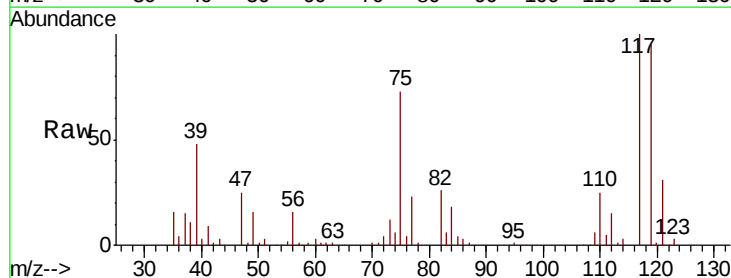
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#38
Carbon Tetrachloride
Concen: 51.243 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.2	117.2
121	30.8	26.1	39.1





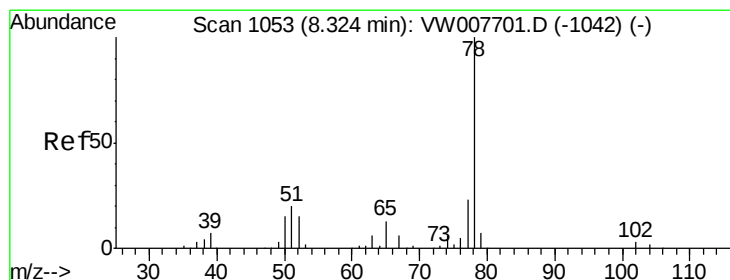
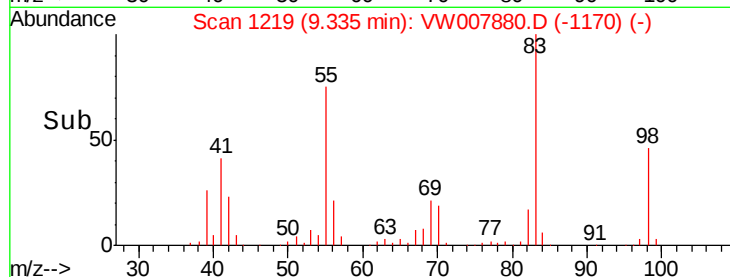
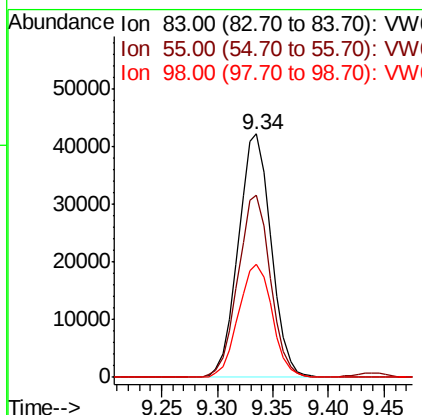
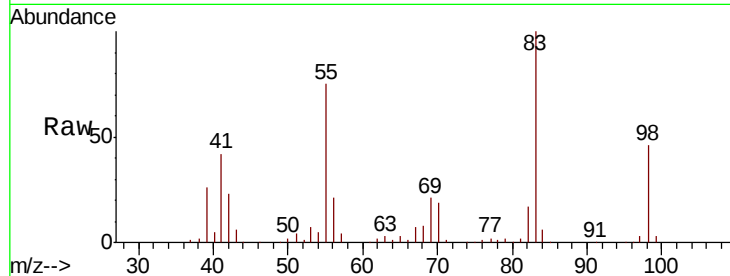
#39
Methylvlcyclohexane
Concen: 58.705 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.2	85.8
98	46.4	38.6	58.0

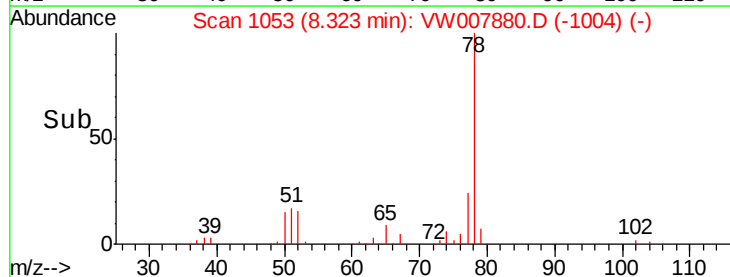
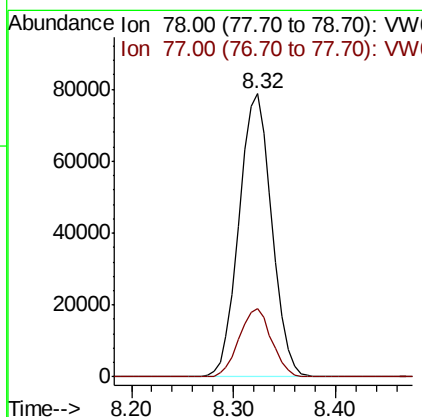
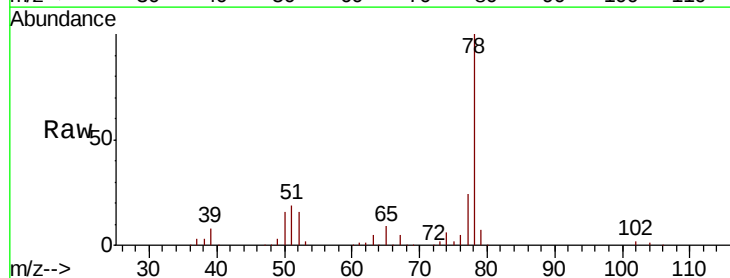
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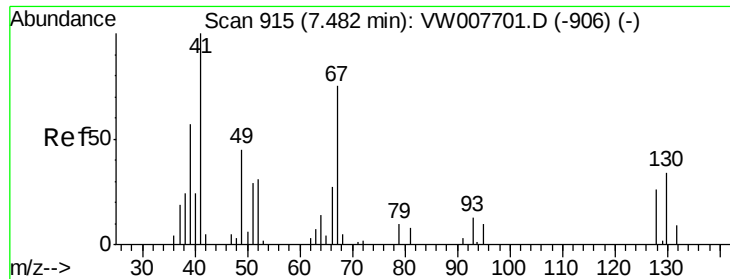
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#40
Benzene
Concen: 55.325 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1





#41

Methacrylonitrile

Concen: 57.581 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

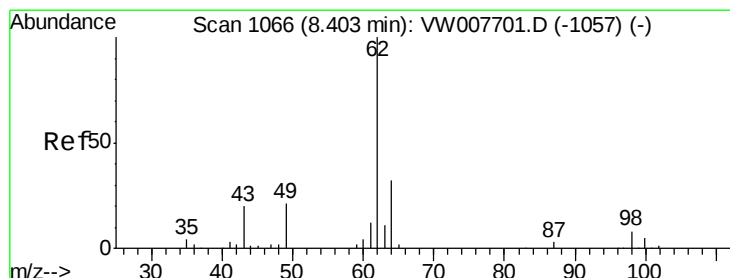
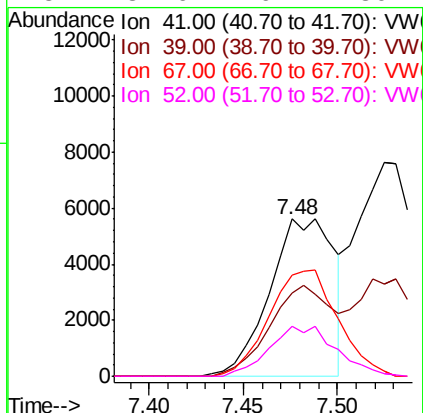
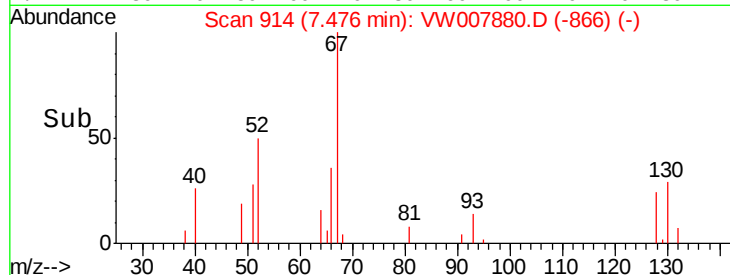
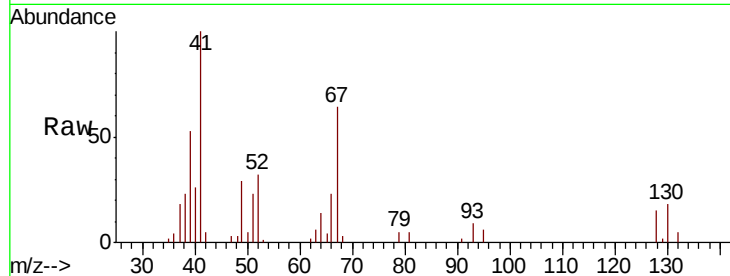
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	13391
Ion	Ratio	Lower	Upper
41	100		
39	55.5	54.2	81.4
67	71.2	65.7	98.5
52	32.6	26.2	39.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.981 ug/l

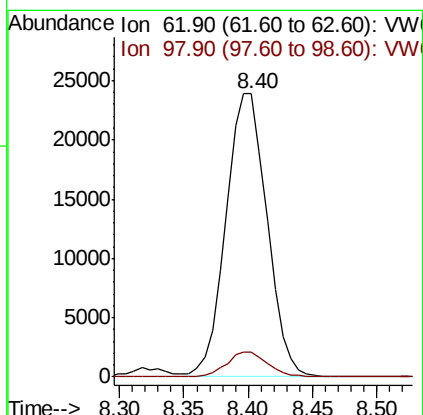
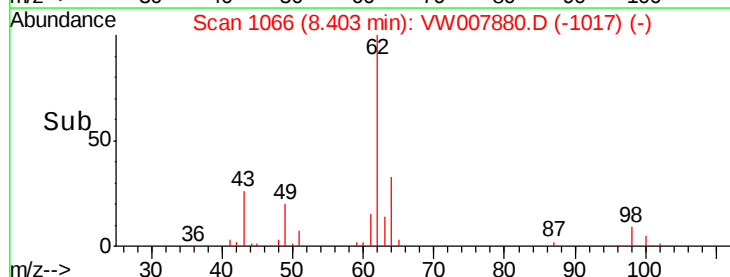
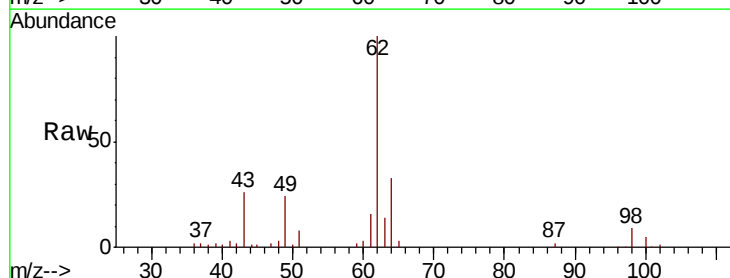
RT: 8.40 min Scan# 1066

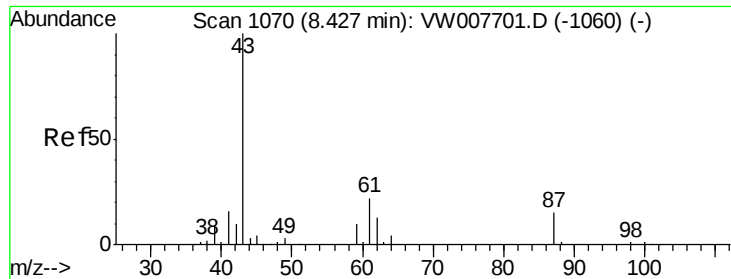
Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:	62	Resp:	53050
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 53.356 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

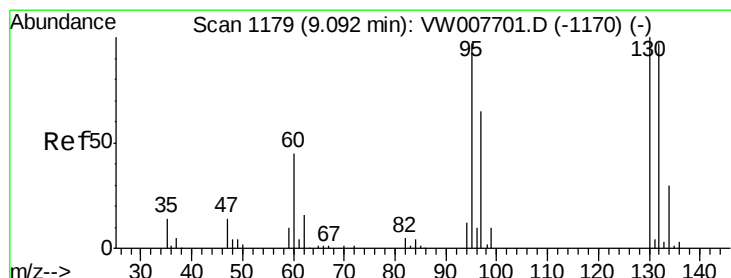
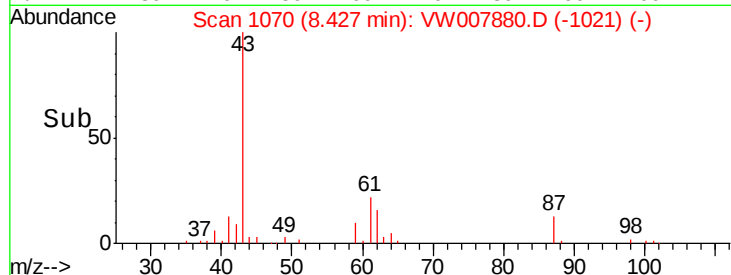
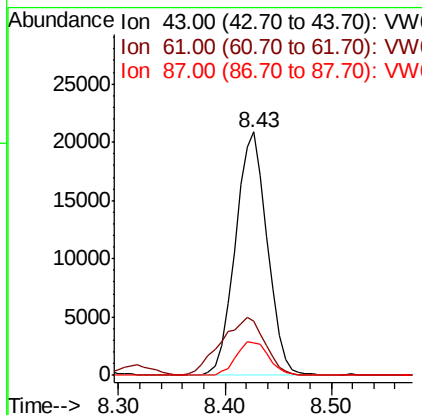
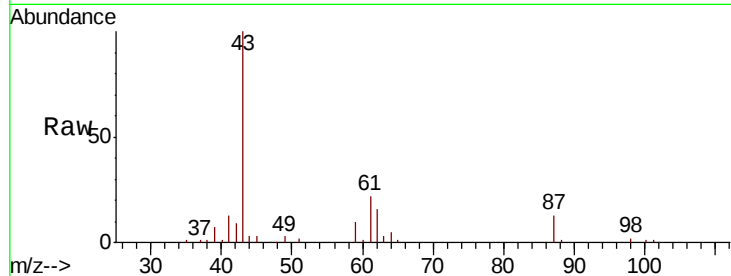
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	43786
Ion	Ratio	Lower	Upper
43	100		
61	32.5	26.3	39.5
87	14.1	12.0	18.0

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#44

Trichloroethene

Concen: 52.642 ug/l

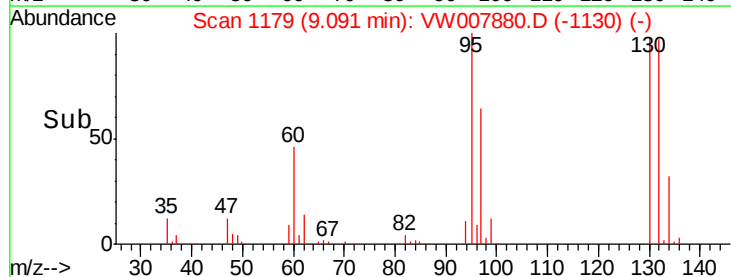
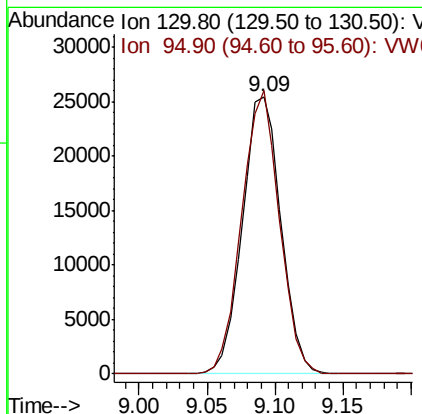
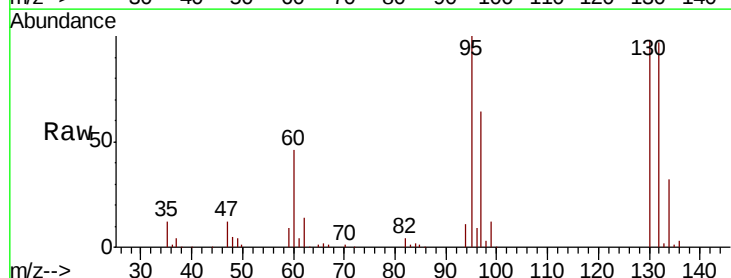
RT: 9.09 min Scan# 1179

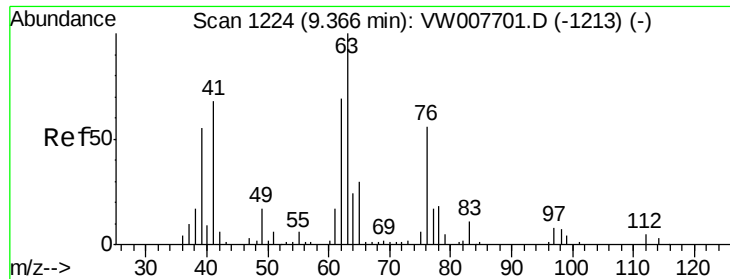
Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:	130	Resp:	50421
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	194.8





#45

1,2-Dichloropropane

Concen: 58.436 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 41067

Ion Ratio Lower Upper

63 100

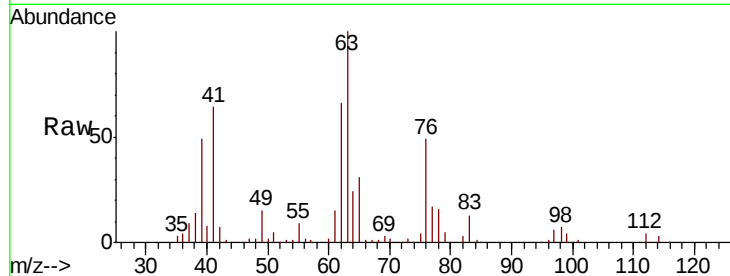
65 30.8 23.8 35.8

Manual Integrations

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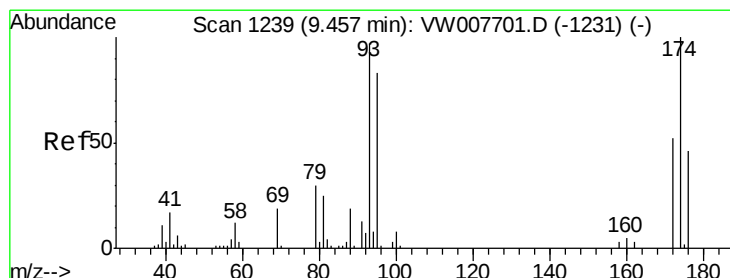
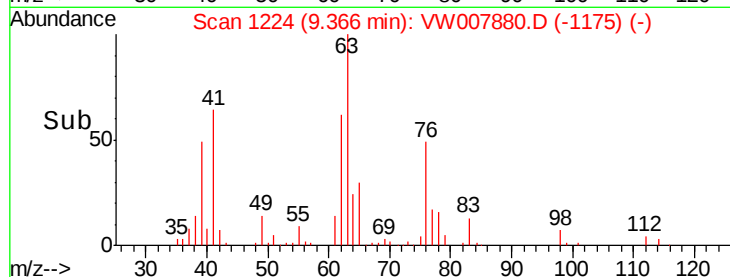
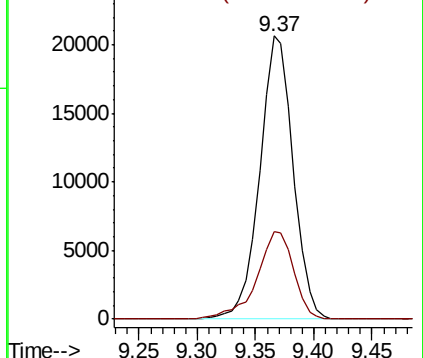
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 49.937 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

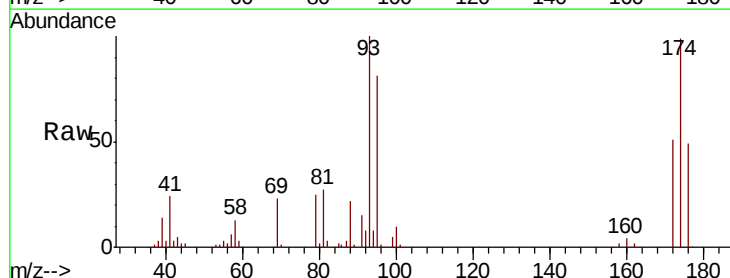
Tgt Ion: 93 Resp: 21603

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

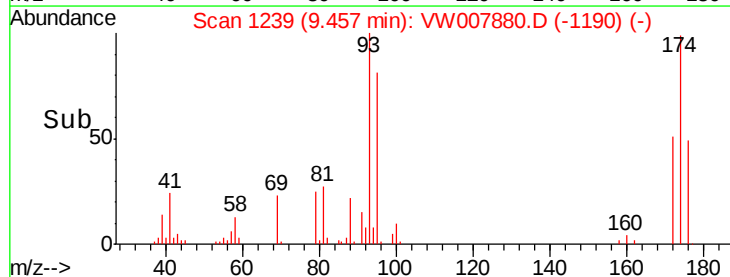
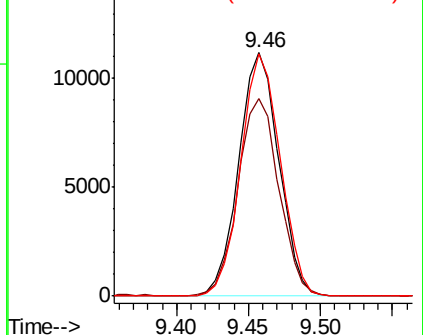
174 98.0 83.9 125.9

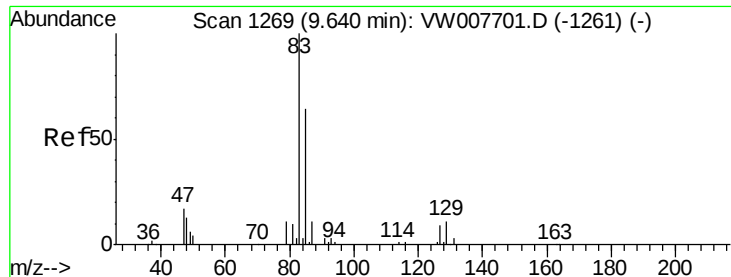


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





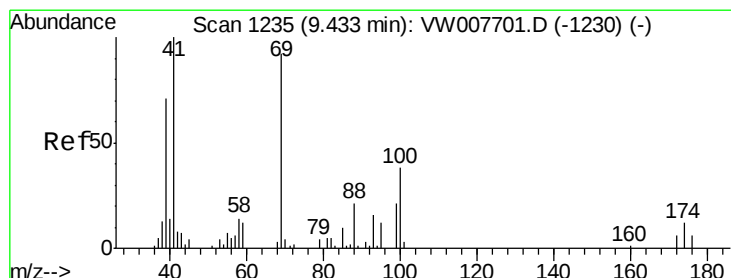
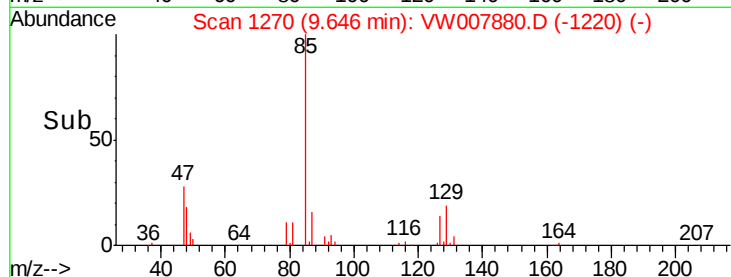
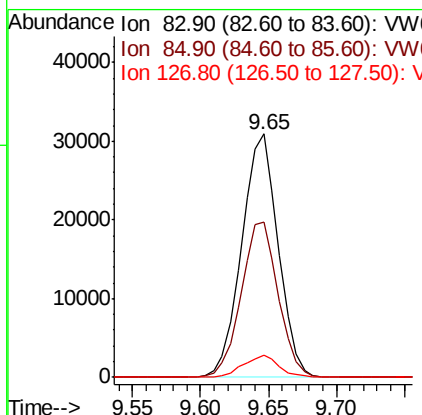
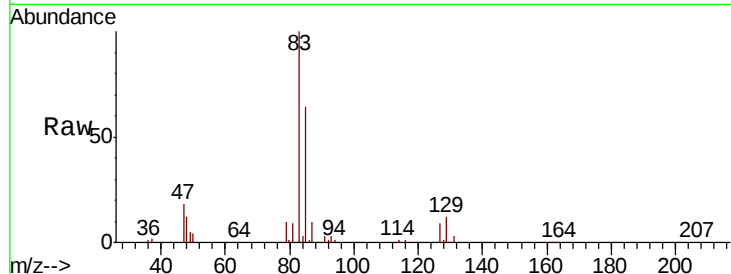
#47
Bromodichloromethane
Concen: 50.904 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	57893		
85	63.8		51.4	77.0
127	9.1		7.5	11.3

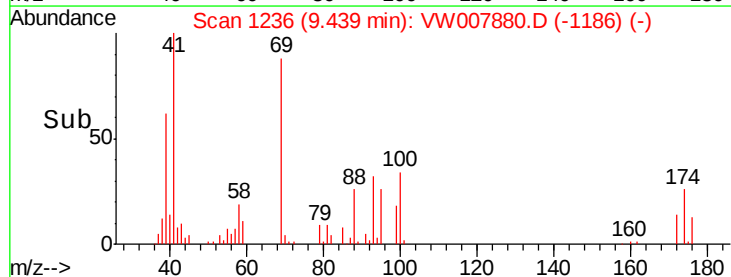
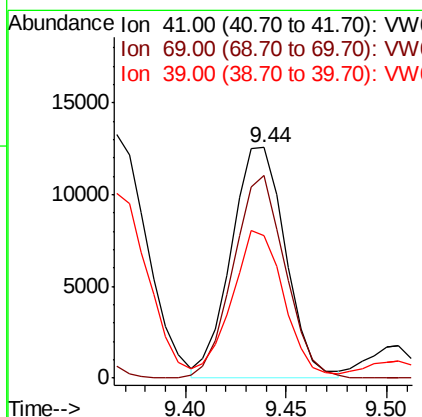
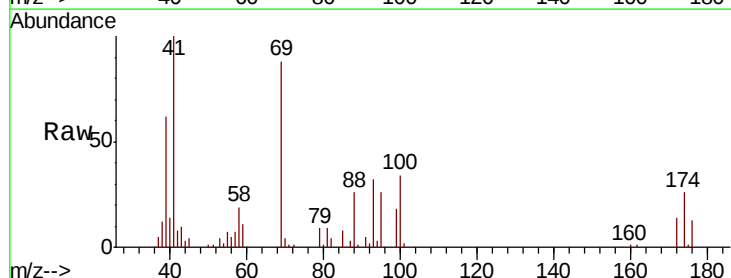
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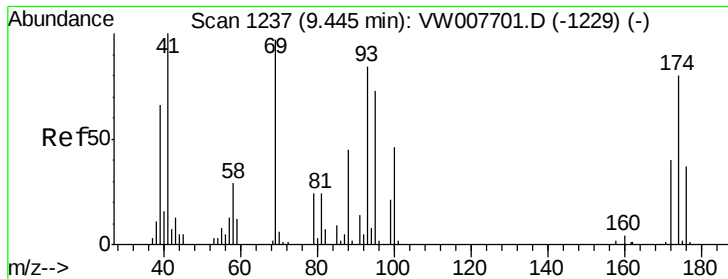
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#48
Methyl methacrylate
Concen: 57.628 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	23606		
69	83.9		74.2	111.2
39	57.0		53.9	80.9





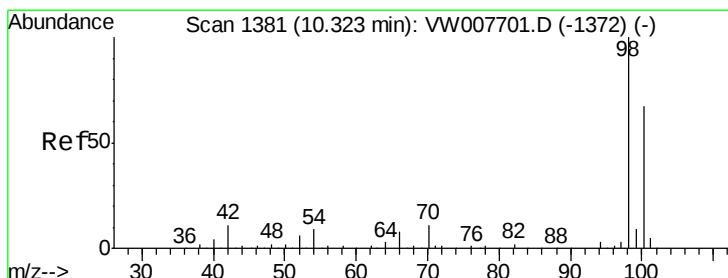
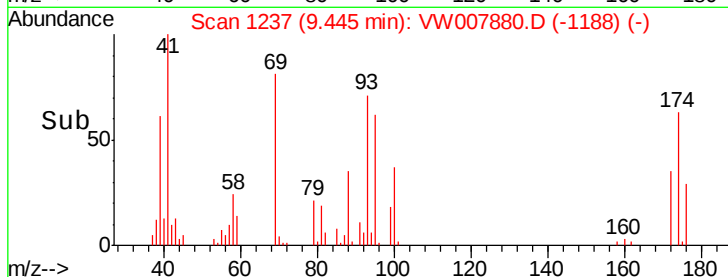
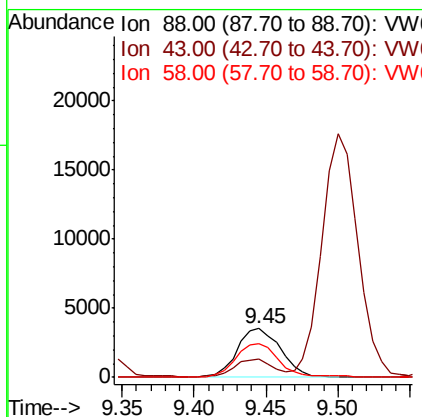
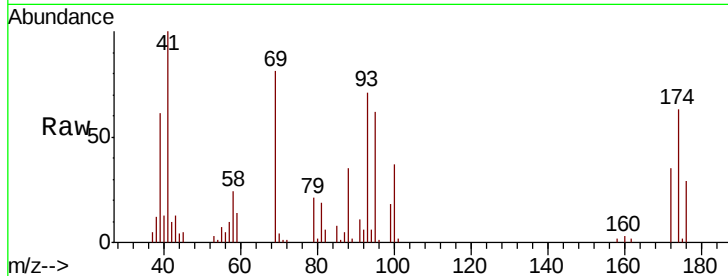
#49
1,4-Dioxane
Concen: 1079.046 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.6	38.4
58	68.0	52.3	78.5

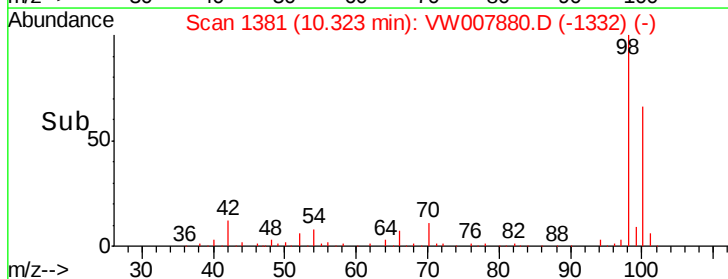
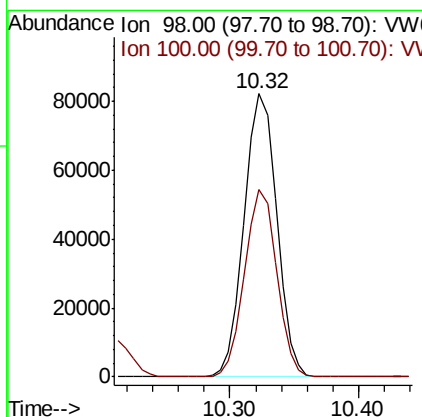
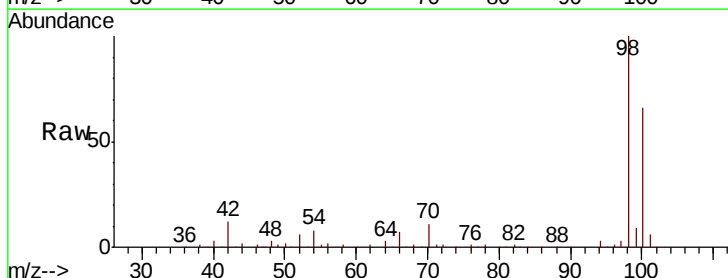
Manual Integrations
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#50
Toluene-d8
Concen: 51.029 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 264.246 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 102484

Ion Ratio Lower Upper

43 100

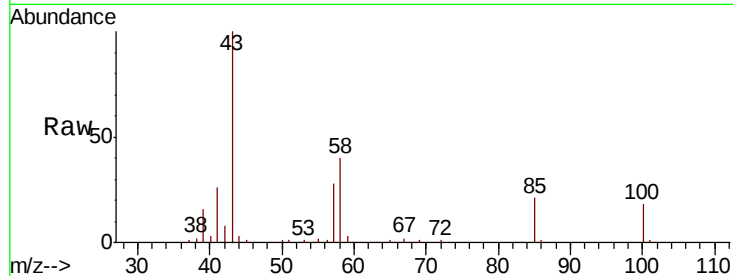
58 39.8 33.2 49.8

Manual Integrations

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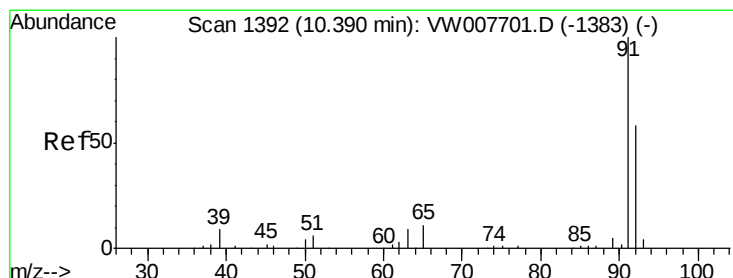
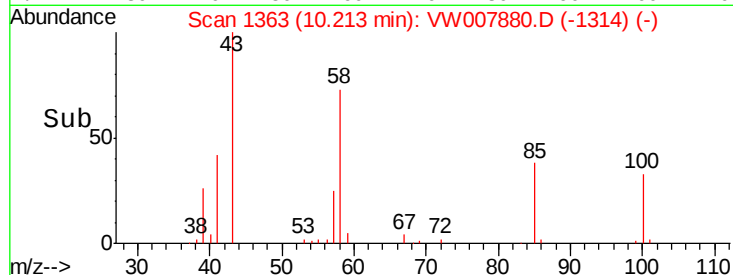
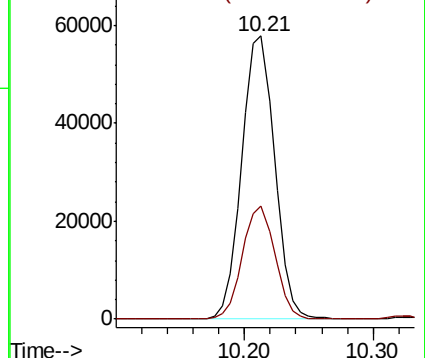
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 55.274 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007880.D

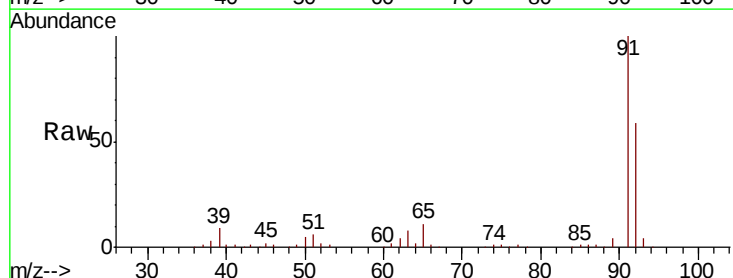
Acq: 24 Dec 2018 10:32

Tgt Ion: 92 Resp: 117456

Ion Ratio Lower Upper

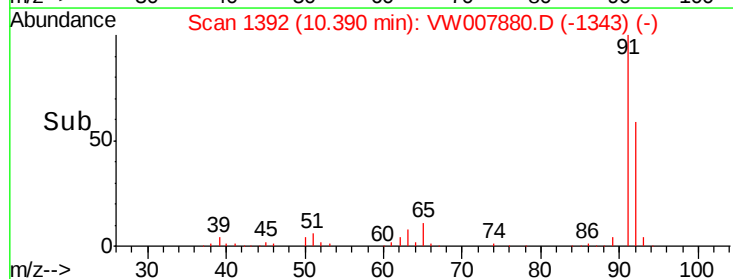
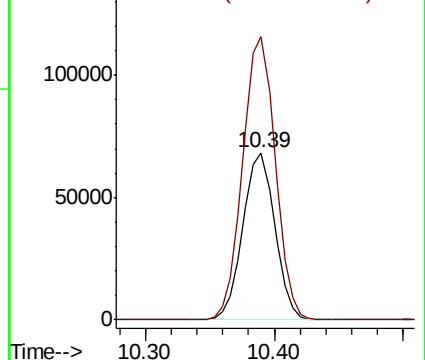
92 100

91 172.3 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





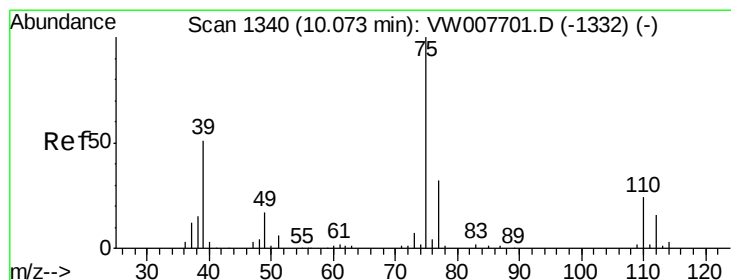
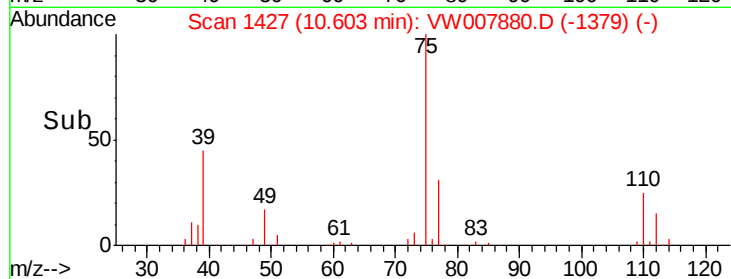
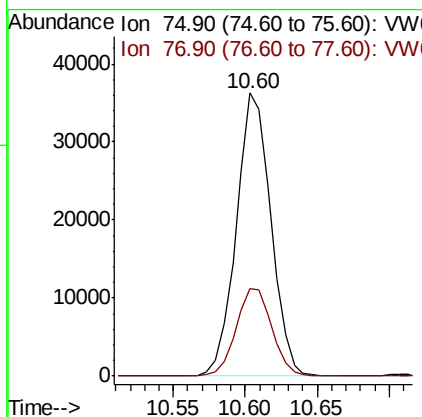
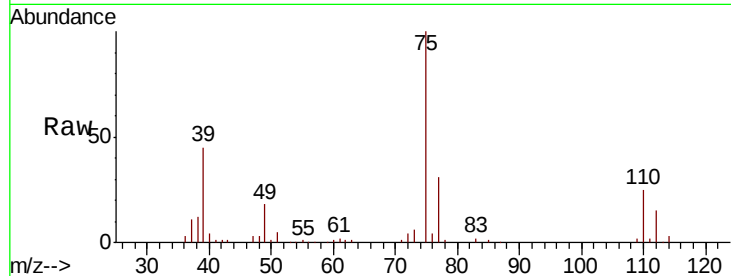
#53
 t-1,3-Dichloropropene
 Concen: 53.339 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 60339
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8

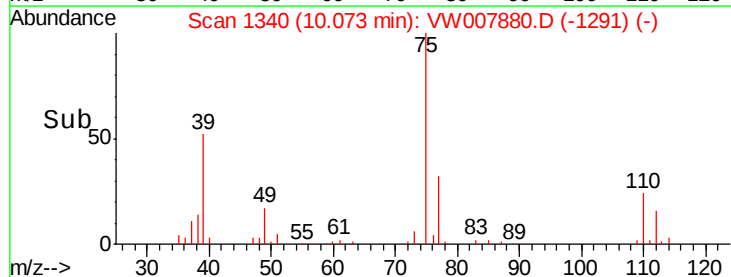
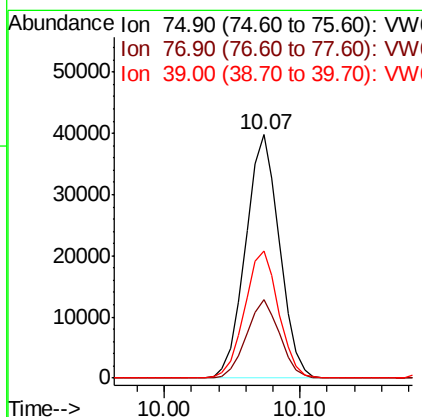
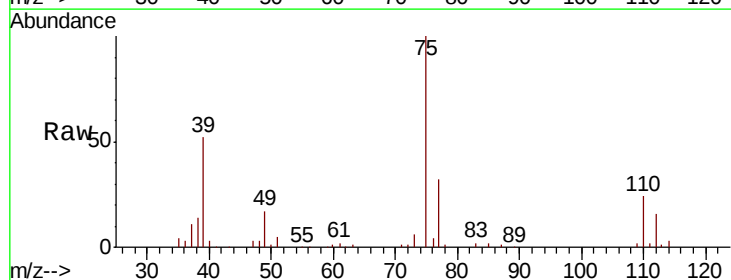
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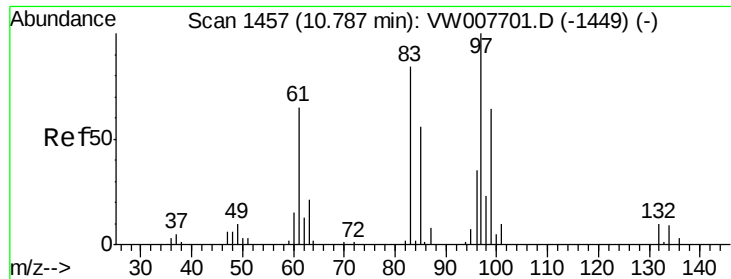
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#54
 cis-1,3-Dichloropropene
 Concen: 55.471 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion: 75 Resp: 69313
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 52.1 41.2 61.8





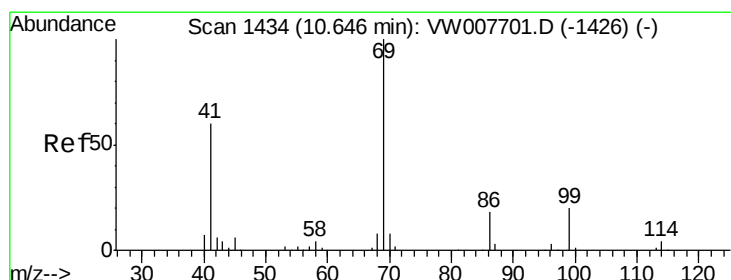
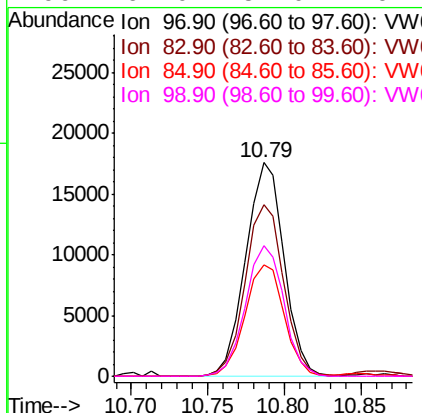
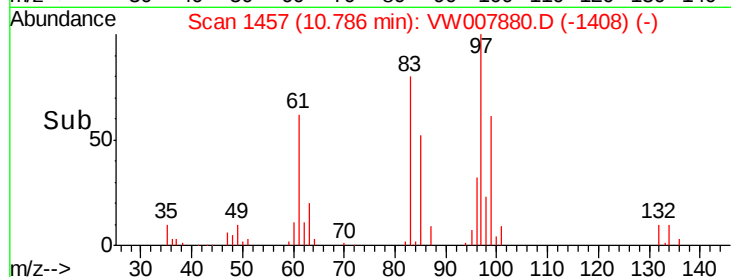
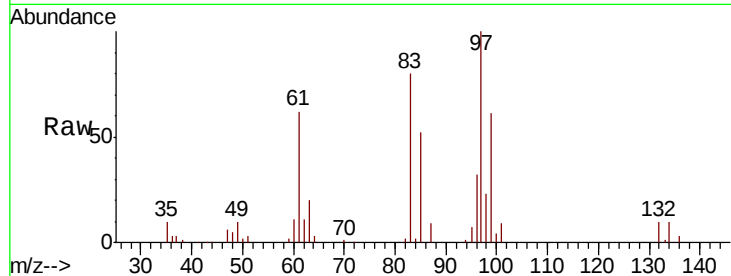
#55
 1,1,2-Trichloroethane
 Concen: 51.346 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	30622
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.5	101.3
85	52.2	44.8	67.2
99	61.0	51.0	76.4

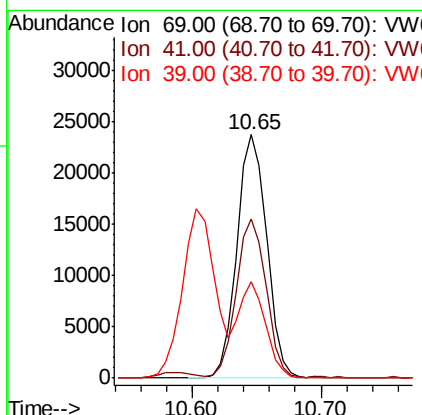
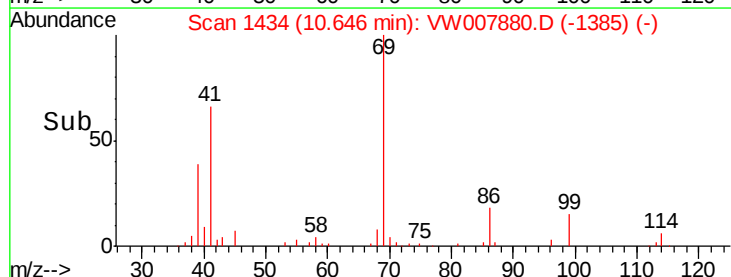
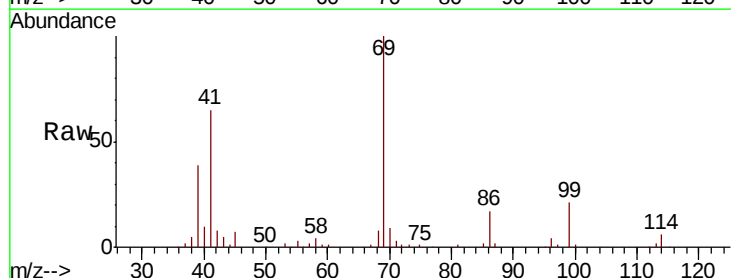
Manual Integrations
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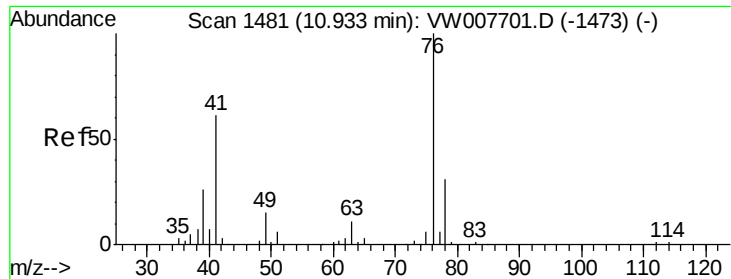
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#56
 Ethyl methacrylate
 Concen: 53.886 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion:	69	Resp:	37970
Ion	Ratio	Lower	Upper
69	100		
41	65.0	48.9	73.3
39	36.5	31.3	46.9





#57

1,3-Dichloropropane

Concen: 52.142 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 51638

Ion Ratio Lower Upper

76 100

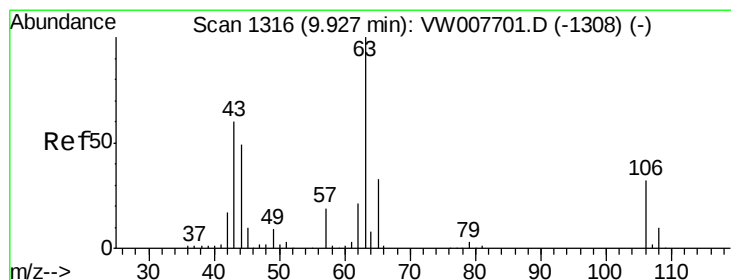
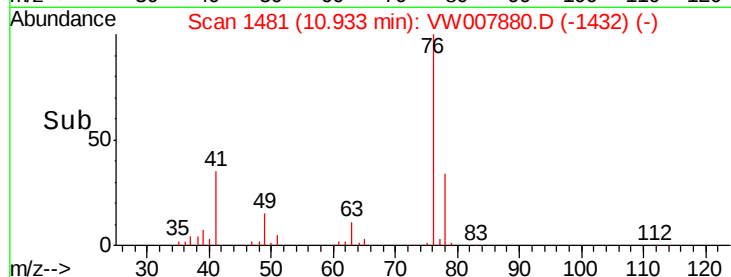
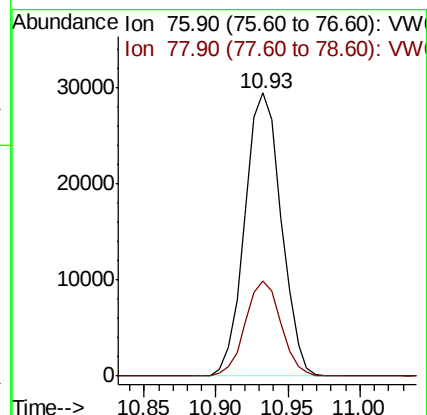
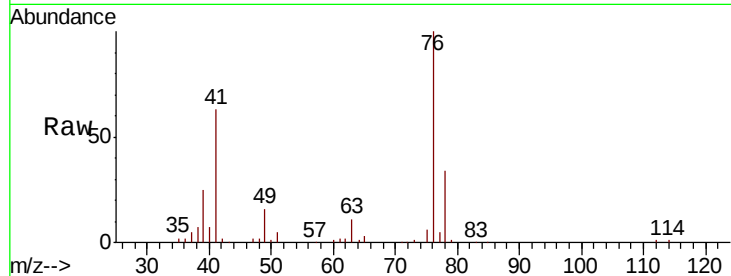
78 32.8 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 283.030 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007880.D

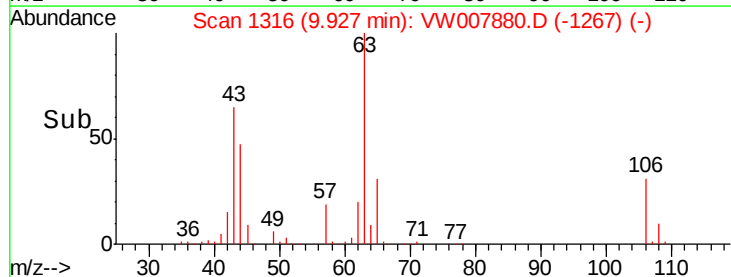
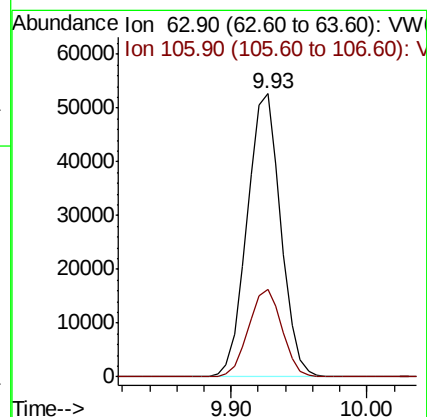
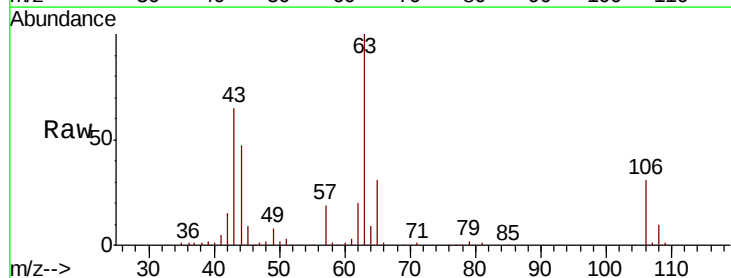
Acq: 24 Dec 2018 10:32

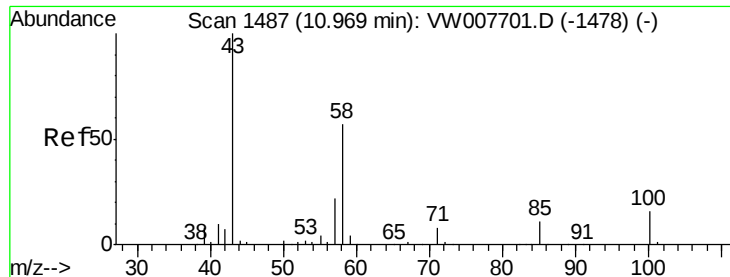
Tgt Ion: 63 Resp: 91056

Ion Ratio Lower Upper

63 100

106 30.8 25.9 38.9





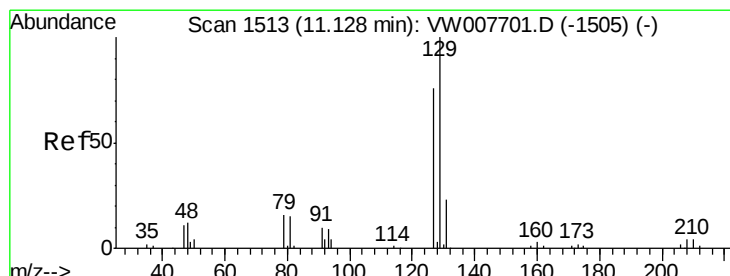
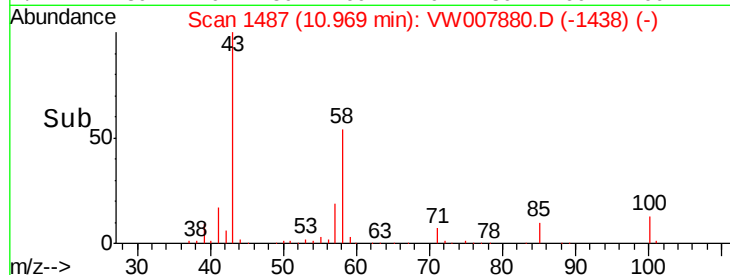
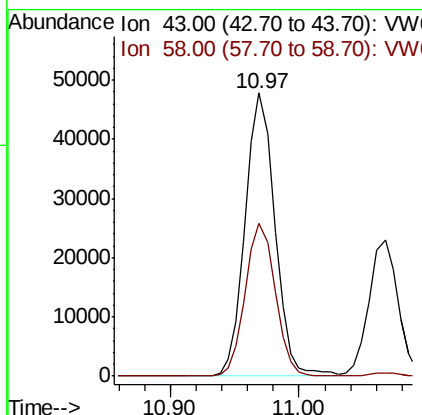
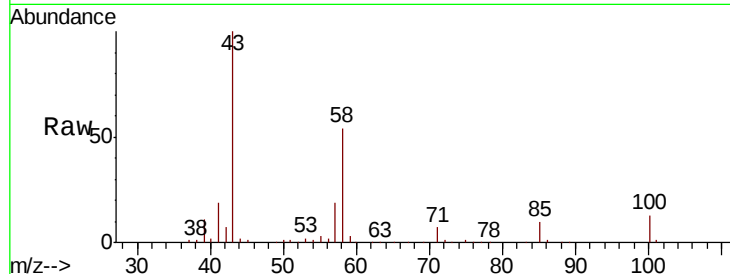
#59
2-Hexanone
Concen: 280.334 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 76462
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1

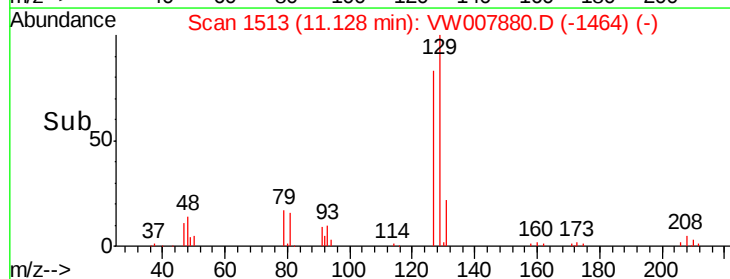
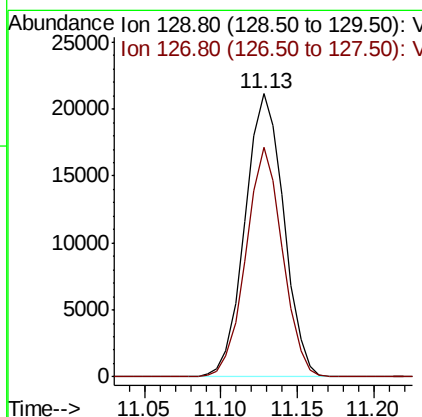
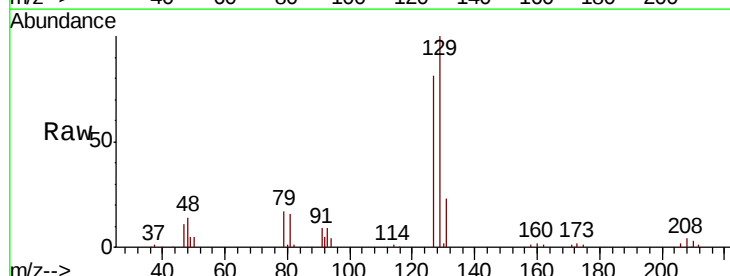
Manual Integrations
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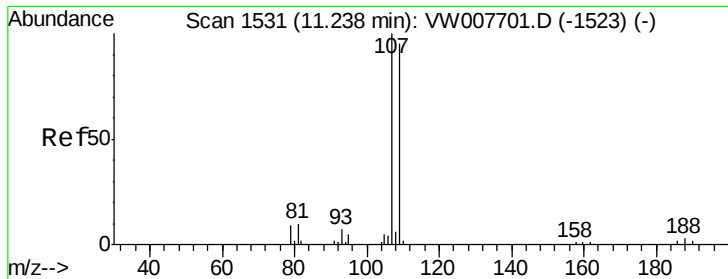
MMDadoda
12/26/2018 4:38:06 PM



#60
Dibromochloromethane
Concen: 47.238 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion: 129 Resp: 37302
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.051 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 29624

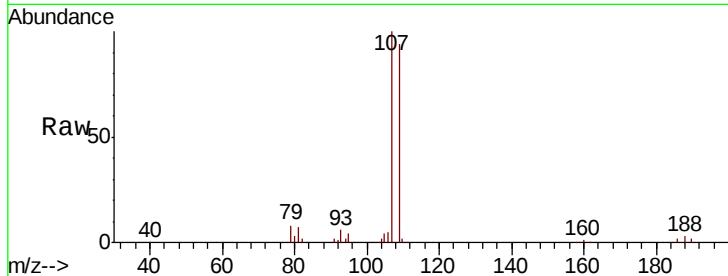
Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0

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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

20000

15000

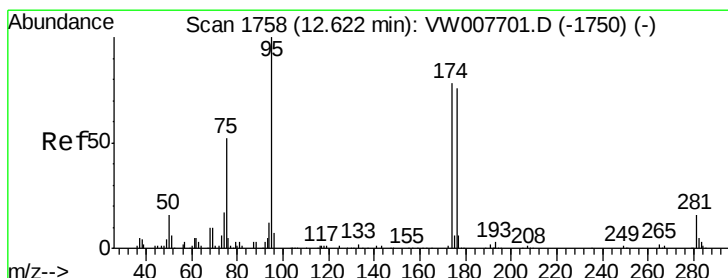
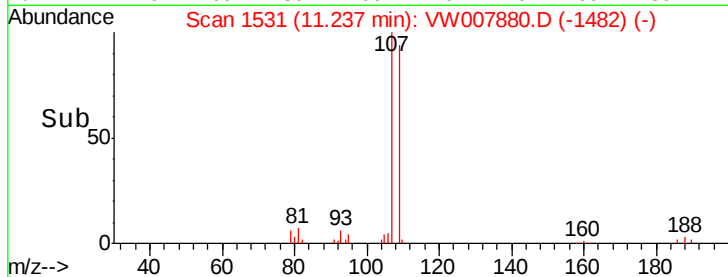
10000

5000

0

Time-->

11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 48.849 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

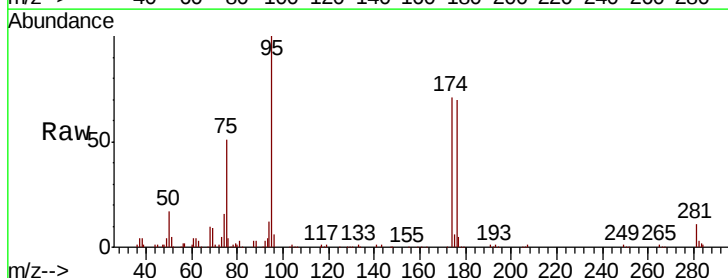
Tgt Ion: 95 Resp: 53371

Ion Ratio Lower Upper

95 100

174 72.5 0.0 152.2

176 70.2 0.0 146.8



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

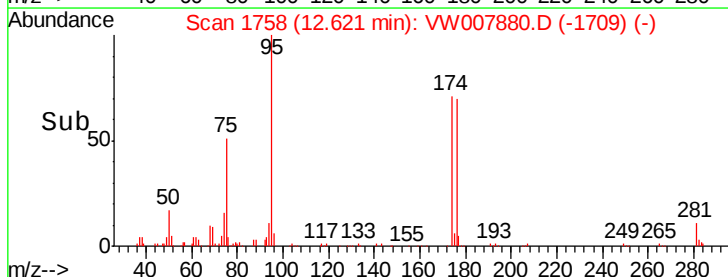
20000

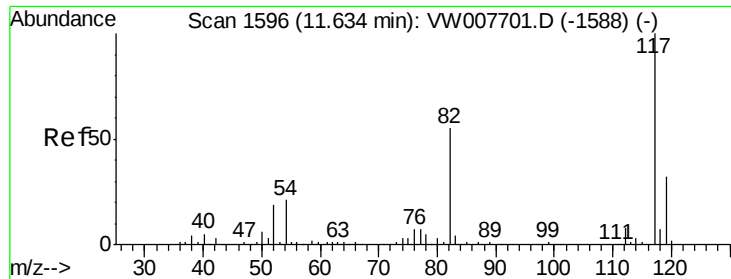
10000

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: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:117 Resp: 109082

Ion Ratio Lower Upper

117 100

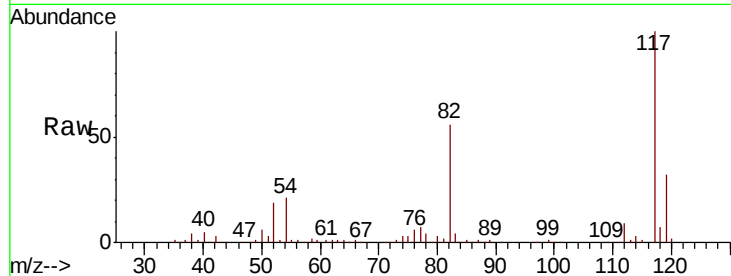
82 55.7 44.3 66.5

119 32.3 25.7 38.5

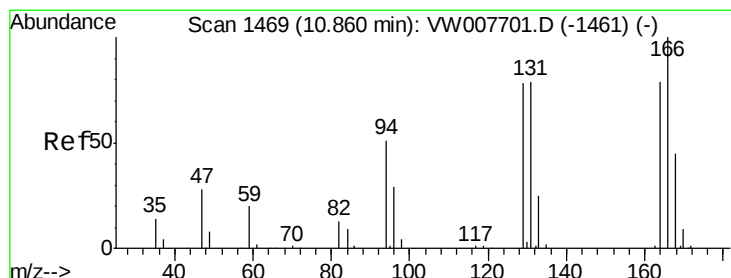
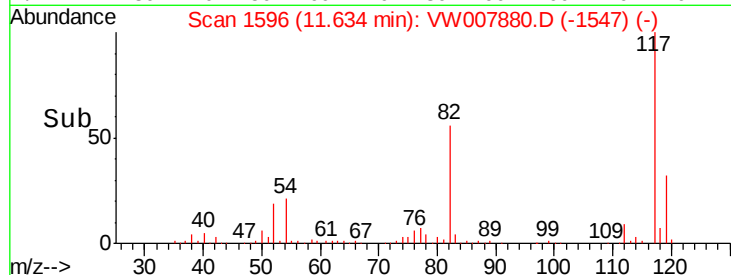
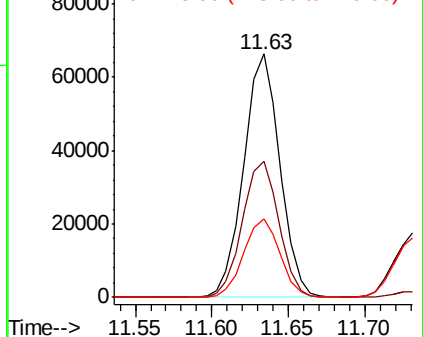
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 53.185 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:164 Resp: 41082

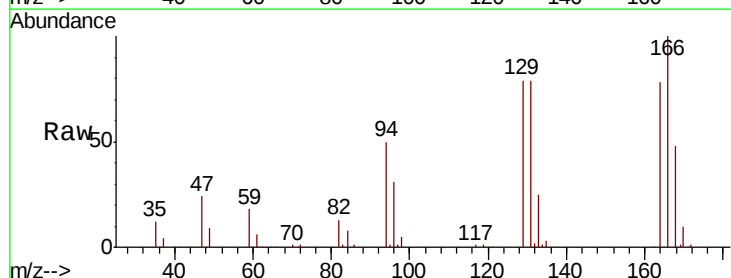
Ion Ratio Lower Upper

164 100

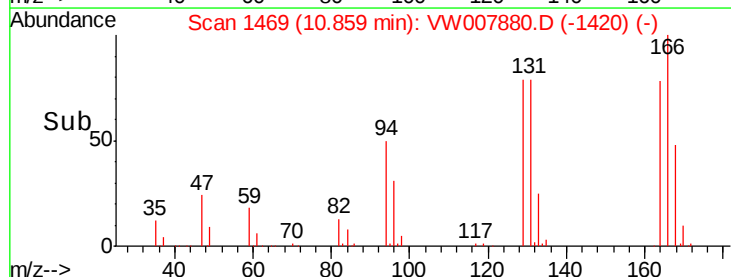
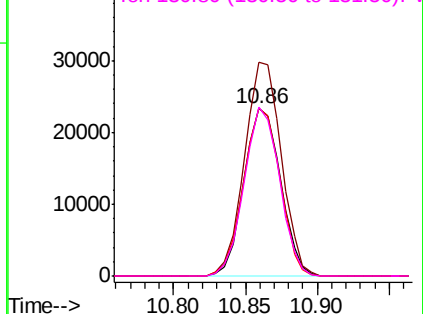
166 127.5 101.0 151.6

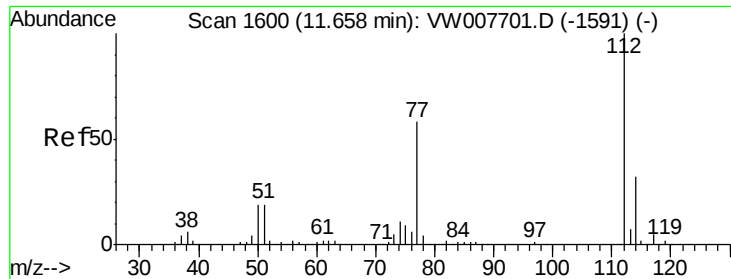
129 100.5 78.7 118.1

131 100.5 79.4 119.0



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





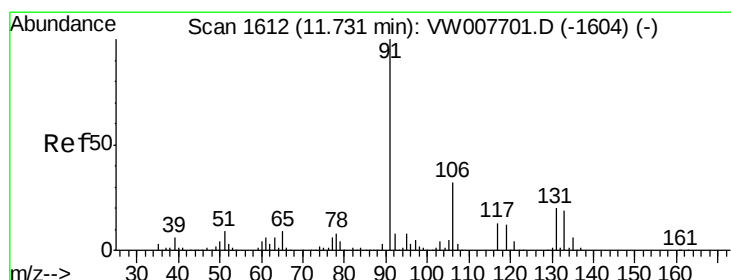
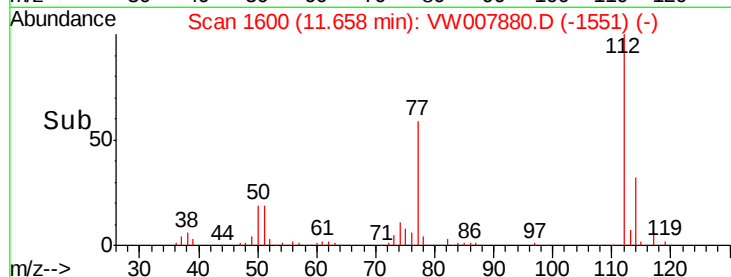
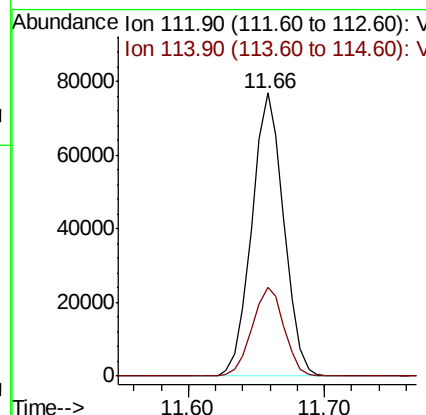
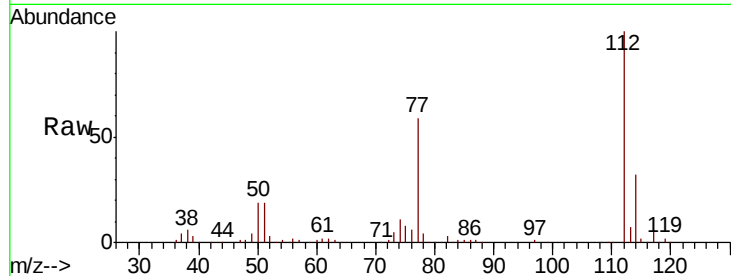
#65
Chlorobenzene
Concen: 53.726 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 126847
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8

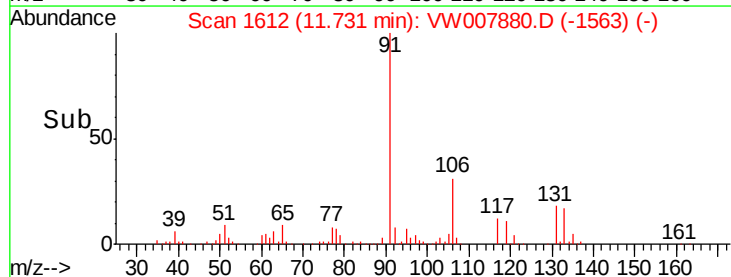
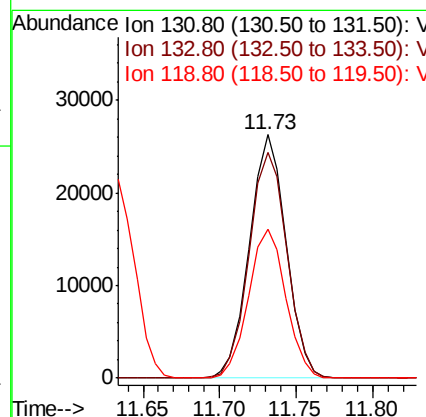
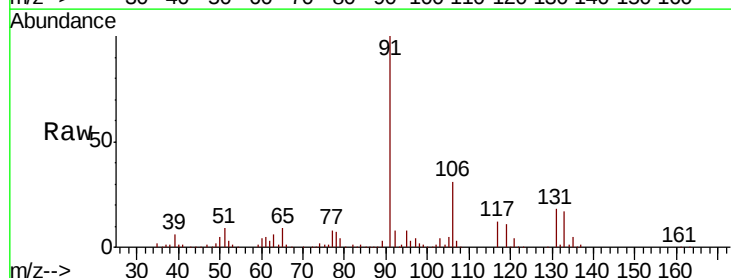
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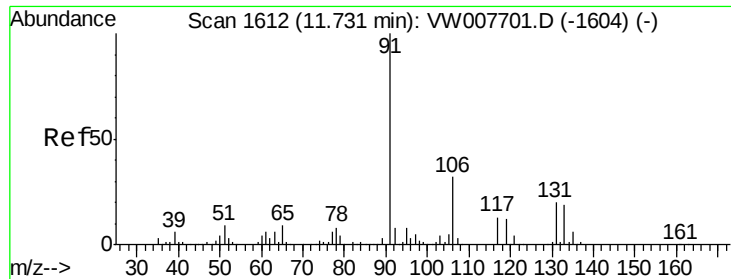
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.046 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion:131 Resp: 43907
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 62.1 30.2 90.6





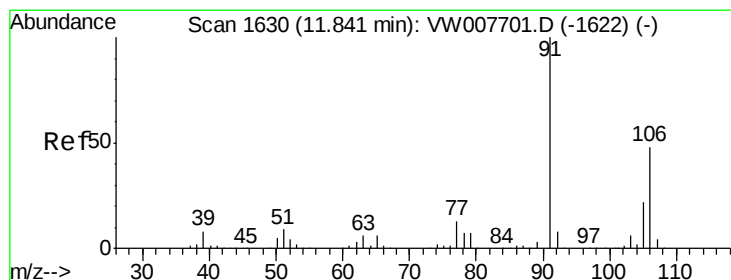
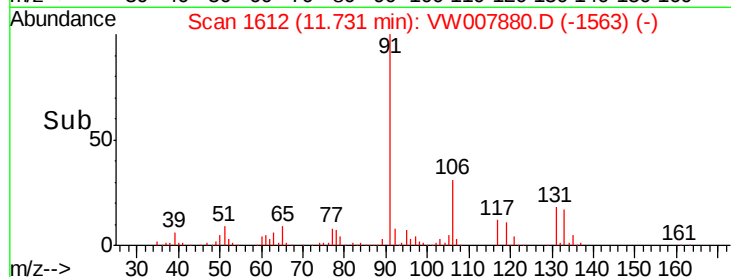
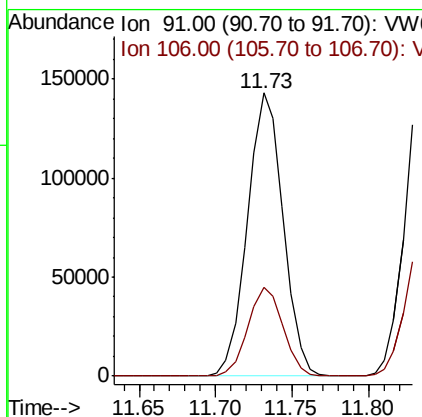
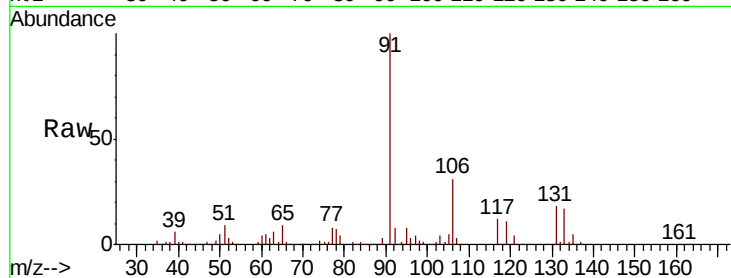
#67
Ethyl Benzene
Concen: 57.246 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 231930
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8

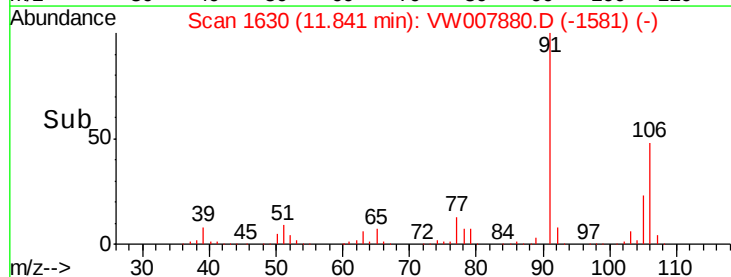
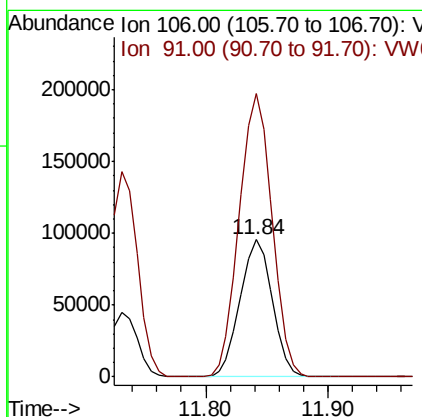
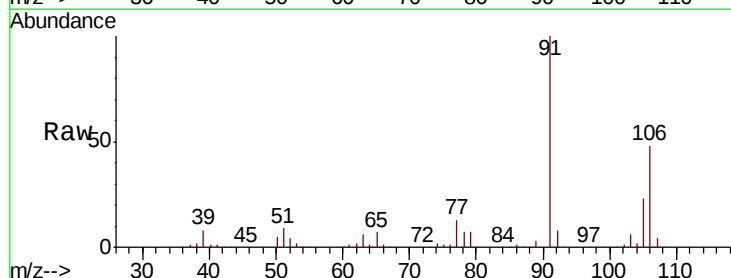
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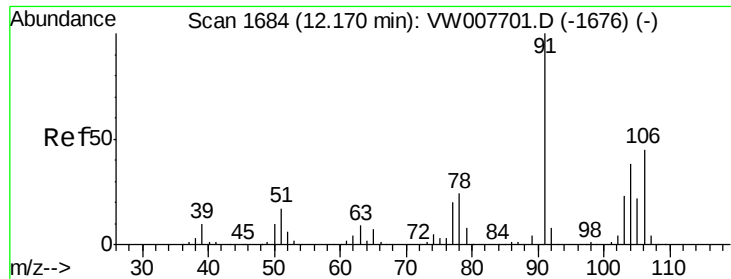
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#68
m/p-Xylenes
Concen: 112.085 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion: 106 Resp: 176155
Ion Ratio Lower Upper
106 100
91 209.0 165.2 247.8





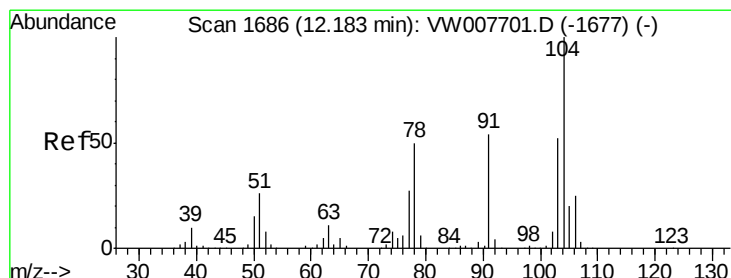
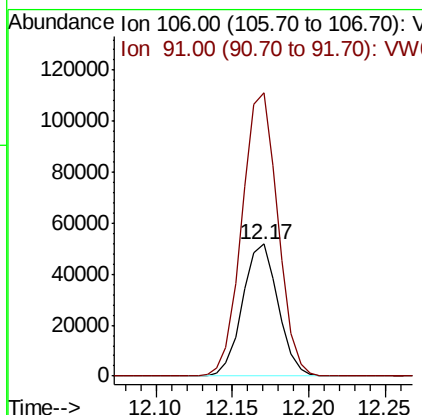
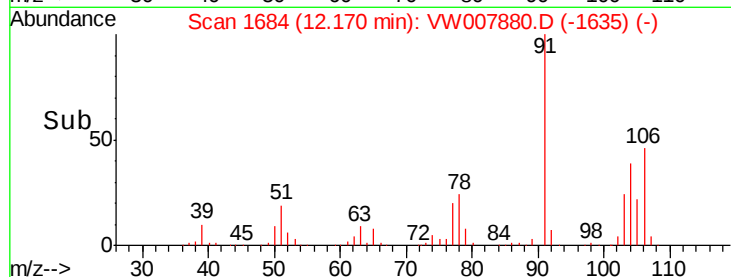
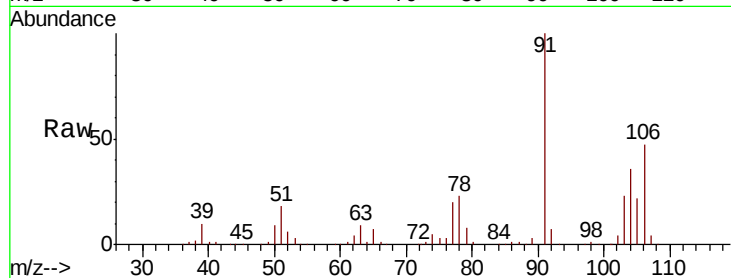
#69
o-Xylene
Concen: 56.758 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 83616
Ion Ratio Lower Upper
106 100
91 216.2 110.5 331.4

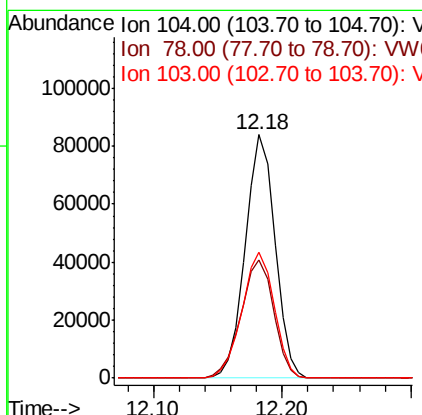
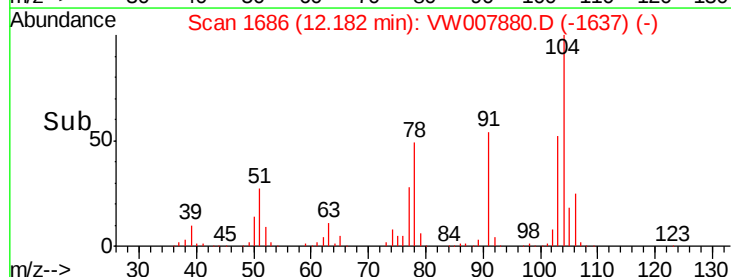
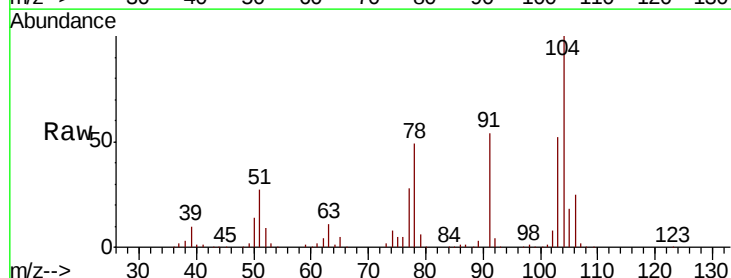
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#70
Styrene
Concen: 55.327 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion:104 Resp: 133981
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.0
103 56.1 44.5 66.7





#71

Bromoform

Concen: 44.446 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

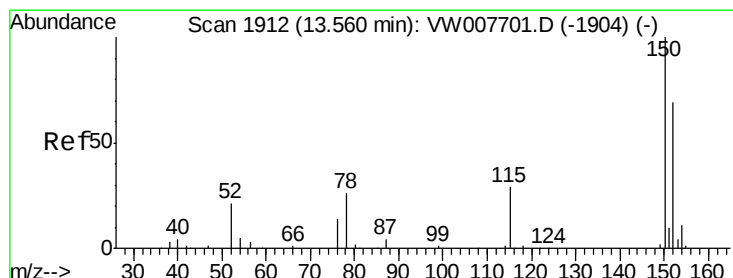
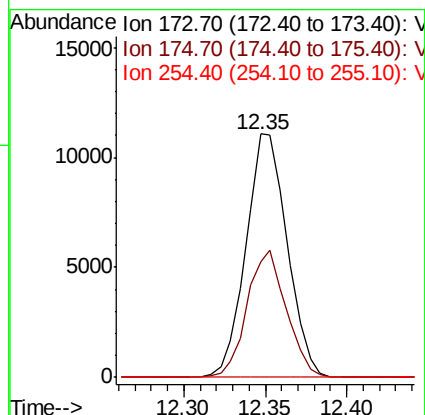
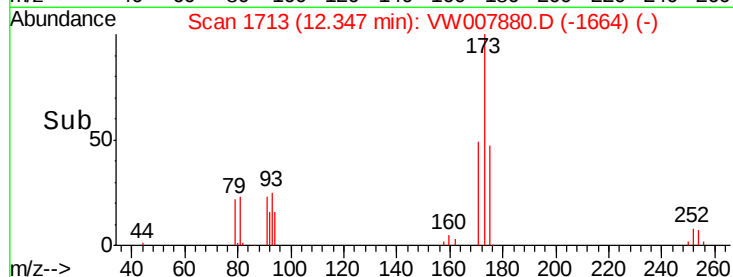
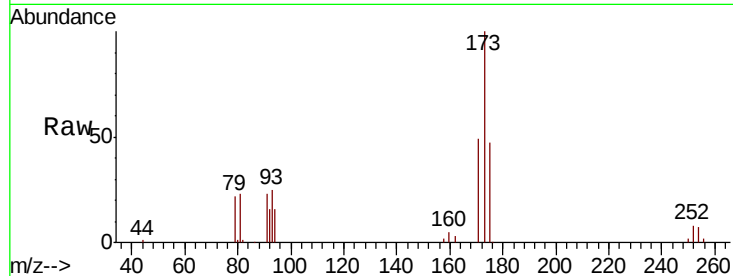
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	19465
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.9	71.7
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

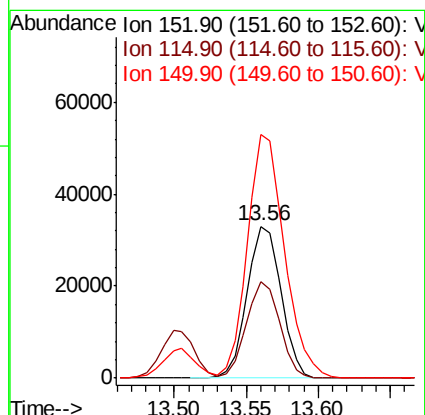
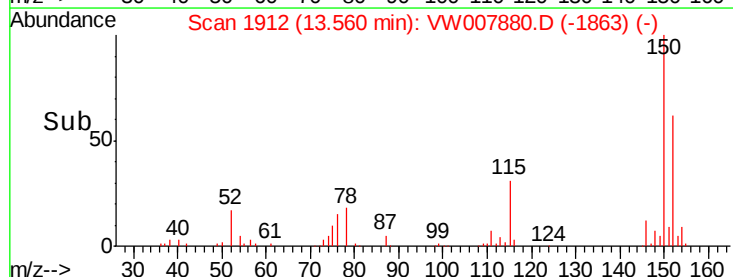
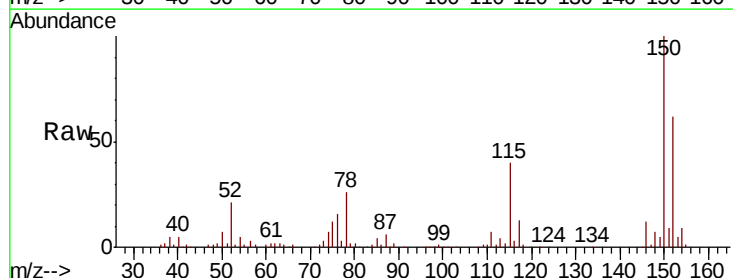
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:	152	Resp:	53646
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.8	95.4
150	174.8	0.0	350.8





#73

Isopropylbenzene

Concen: 58.829 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 238553

Ion Ratio Lower Upper

105 100

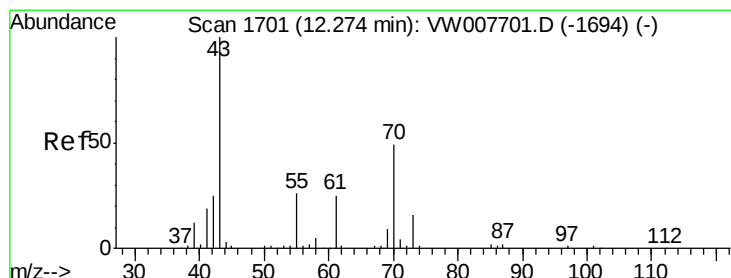
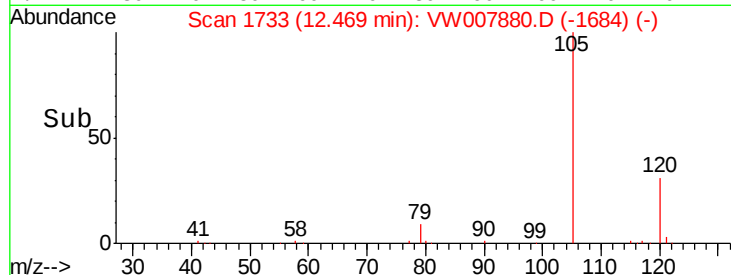
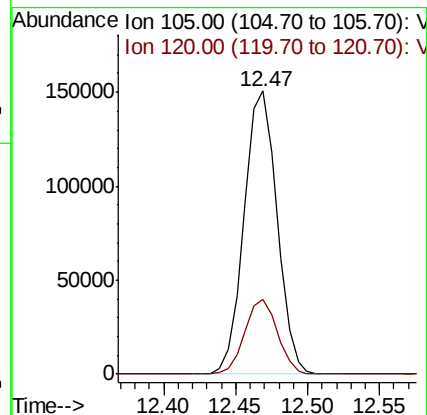
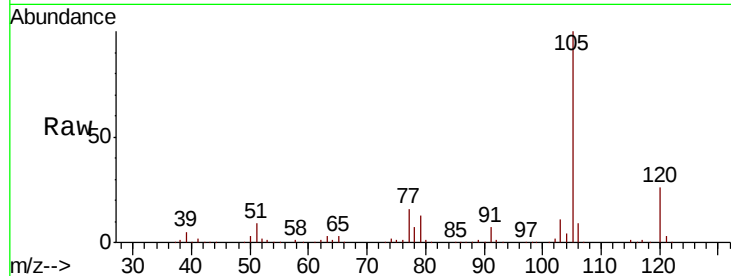
120 26.2 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 57.273 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion: 43 Resp: 40228

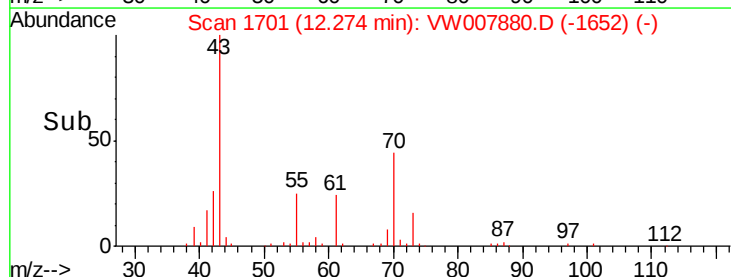
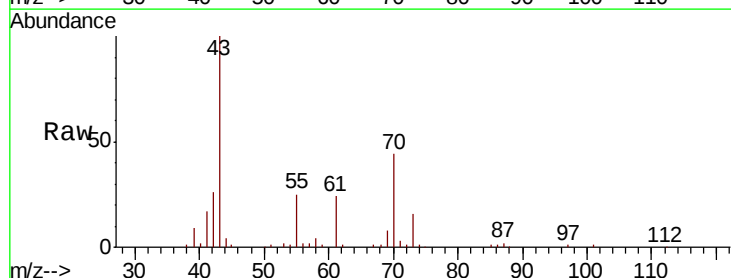
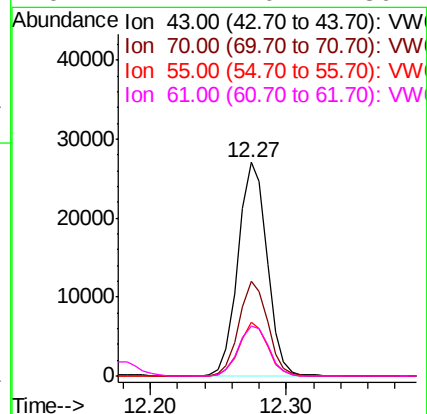
Ion Ratio Lower Upper

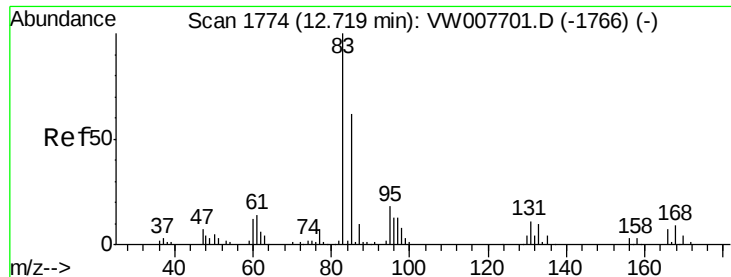
43 100

70 43.6 37.6 56.4

55 24.3 21.7 32.5

61 24.4 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.991 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Instrument :

MSVOA_W

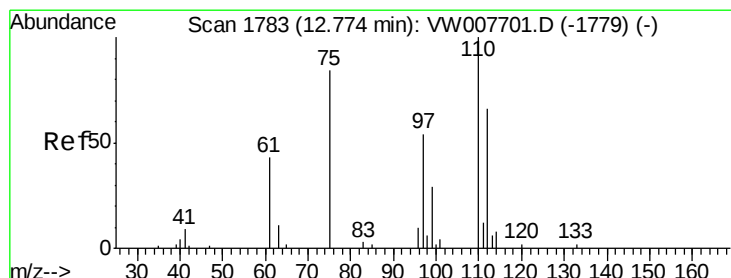
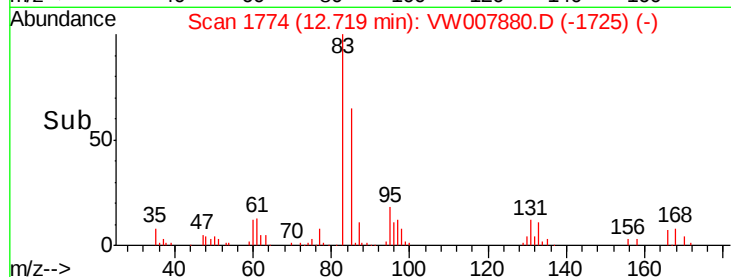
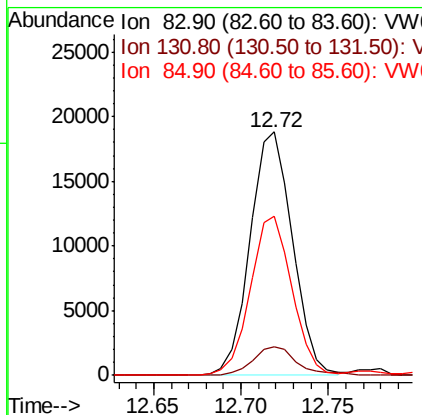
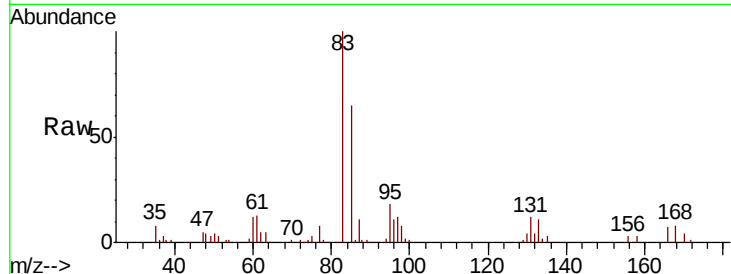
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	31610
Ion	Ratio	Lower	Upper
83	100		
131	12.4	6.3	18.8
85	64.3	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 59.841 ug/l m

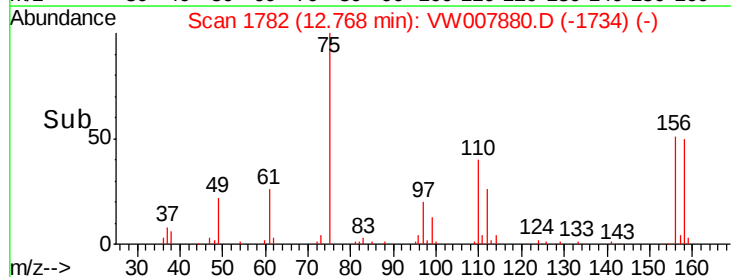
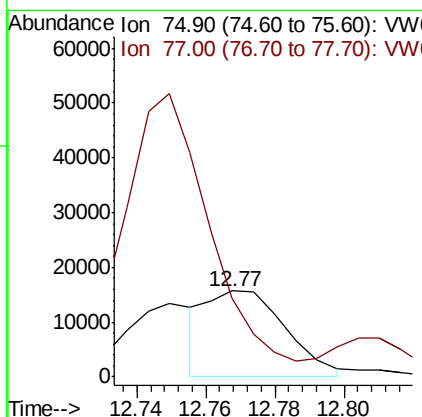
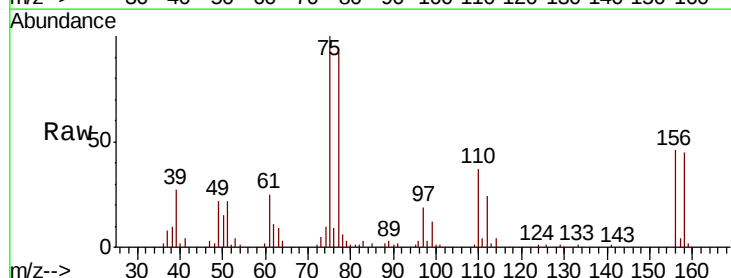
RT: 12.77 min Scan# 1782

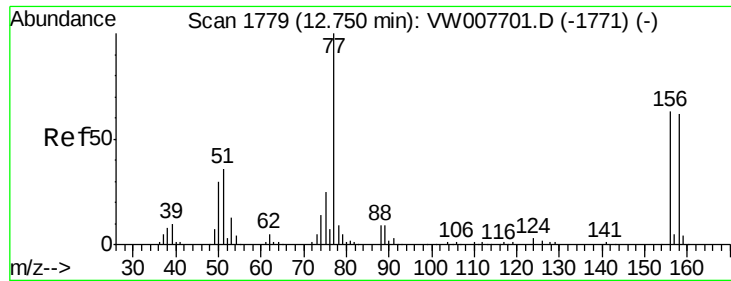
Delta R.T. -0.01 min

Lab File: VW007880.D

Acq: 24 Dec 2018 10:32

Tgt Ion:	75	Resp:	24812
Ion	Ratio	Lower	Upper
75	100		
77	369.9	0.0	0.0#





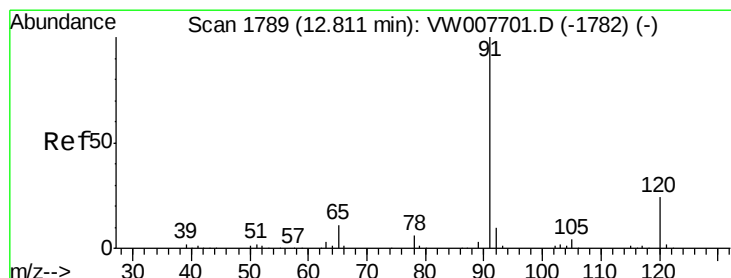
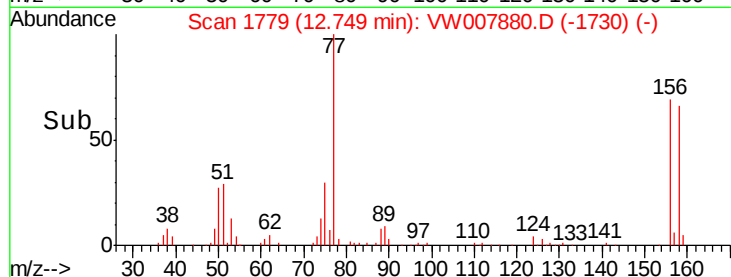
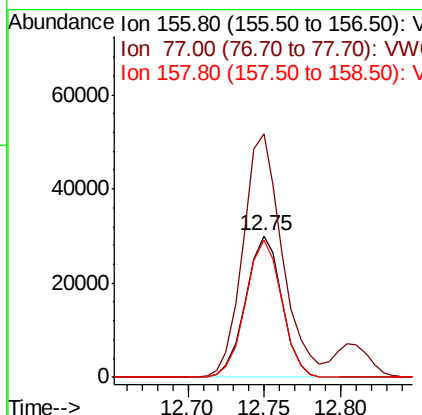
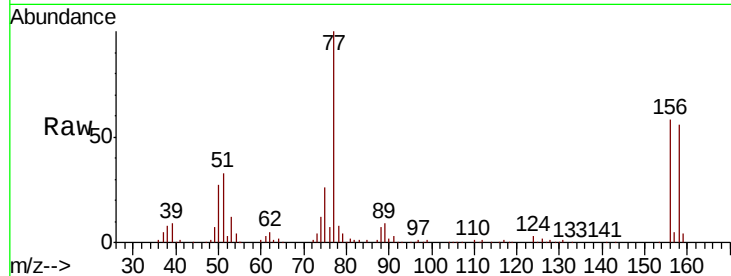
#77
Bromobenzene
Concen: 52.929 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	186.6	87.4	262.1	
158	97.2	48.4	145.0	

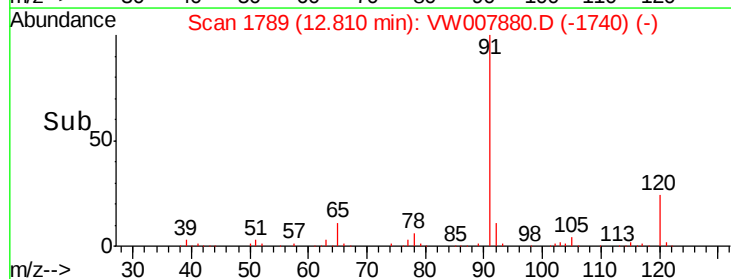
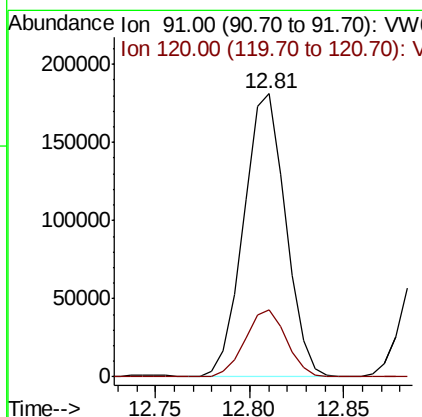
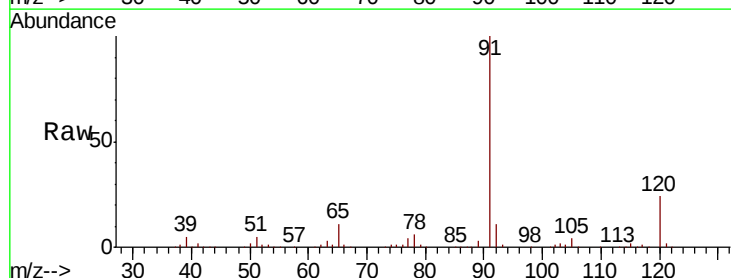
Manual Integrations
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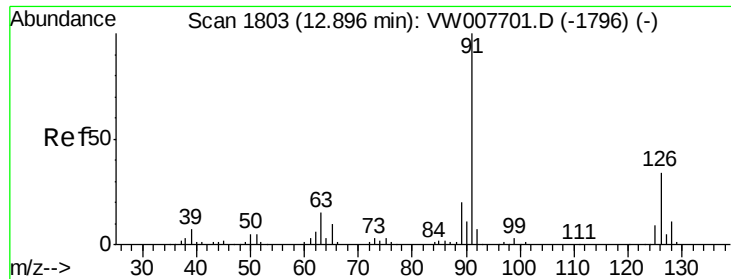
MMDadoda
12/26/2018 4:38:06 PM



#78
n-propylbenzene
Concen: 59.133 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.5	11.9	35.7	





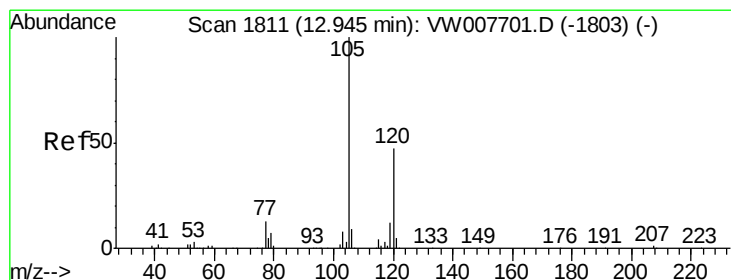
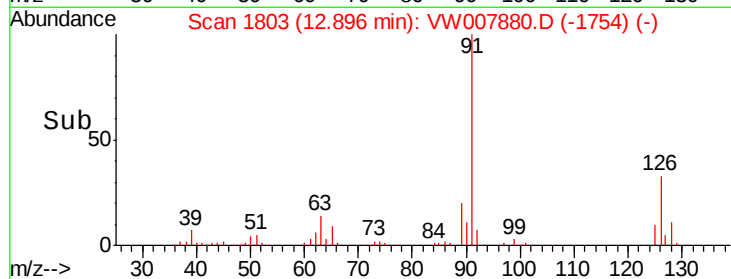
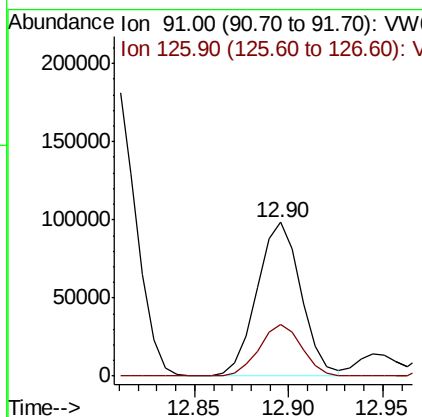
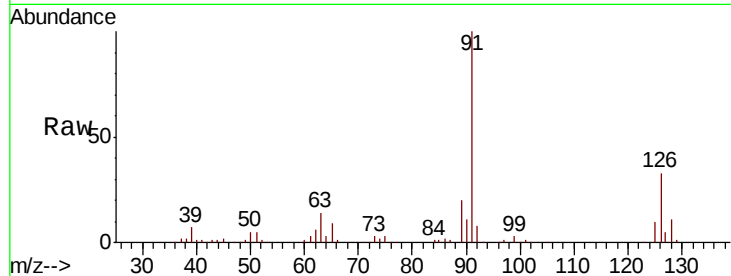
#79
 2-Chlorotoluene
 Concen: 57.980 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 159435
 Ion Ratio Lower Upper
 91 100
 126 32.7 17.0 51.0

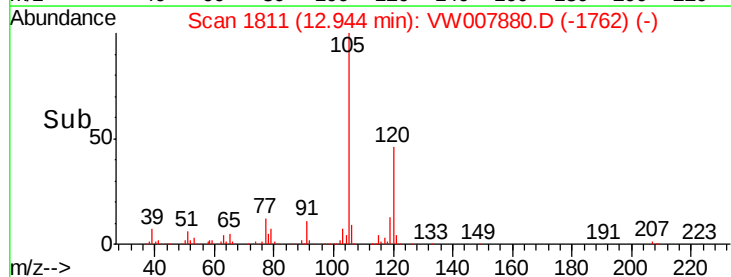
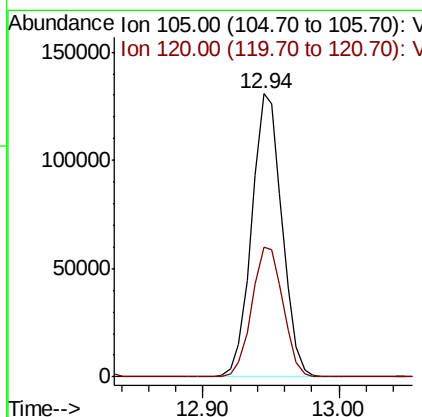
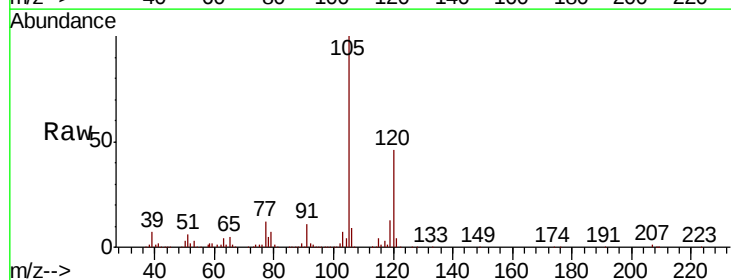
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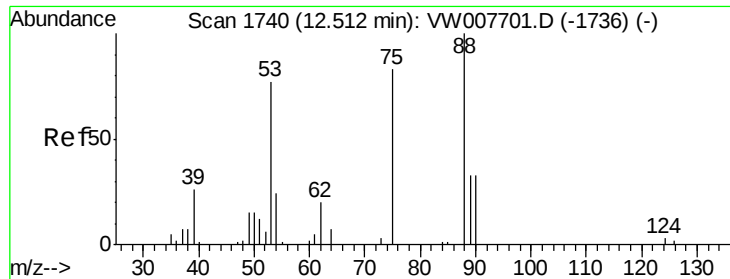
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#80
 1,3,5-Trimethylbenzene
 Concen: 58.294 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion: 105 Resp: 203897
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.6 70.8





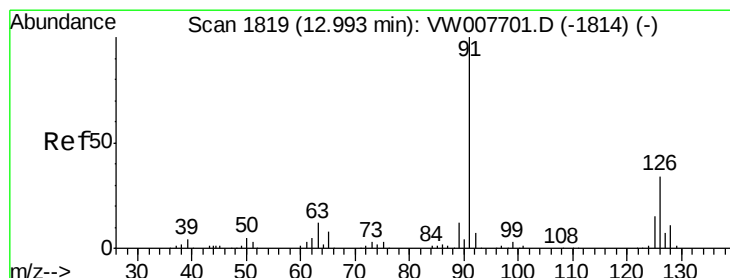
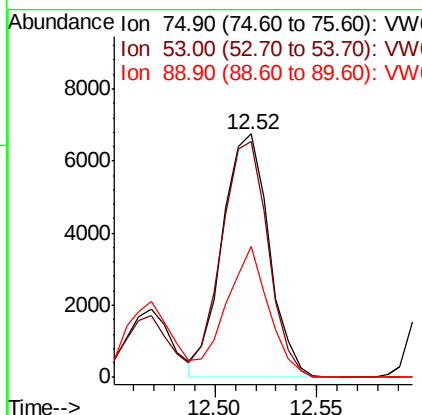
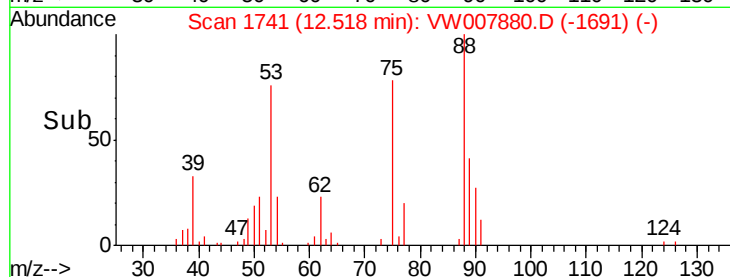
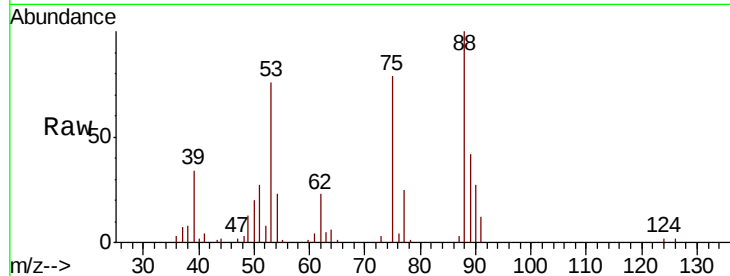
#81
trans-1,4-Dichloro-2-butene
Concen: 54.209 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	80.2	120.2
89	49.2	39.2	58.8

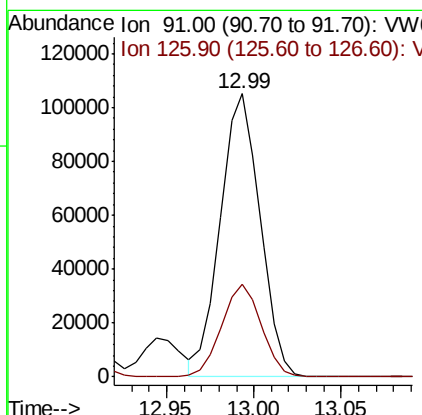
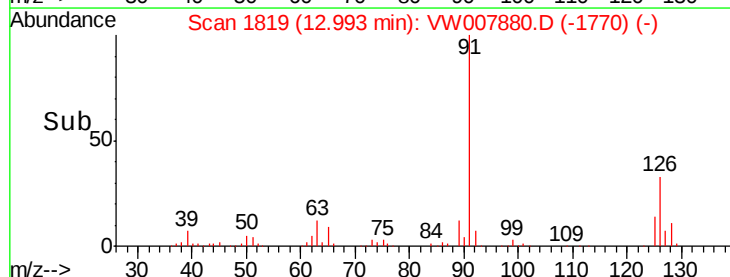
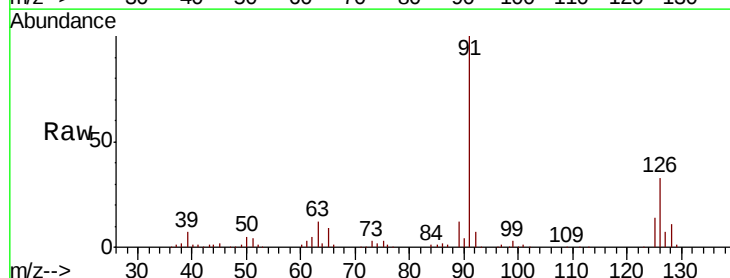
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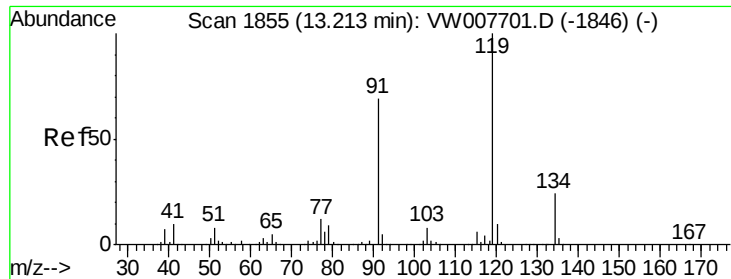
MMDadoda
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#82
4-Chlorotoluene
Concen: 56.816 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.5	49.5





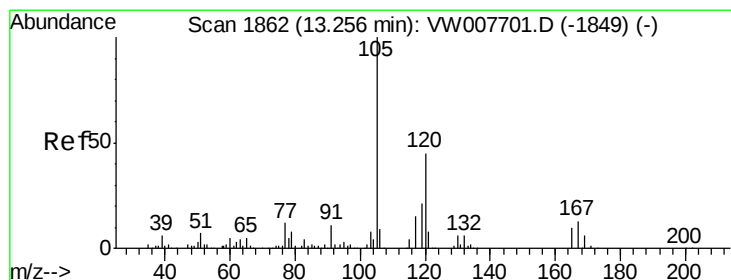
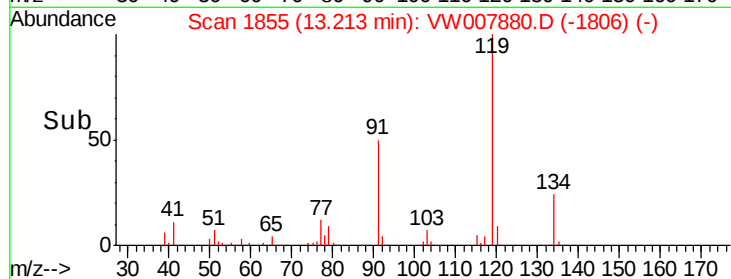
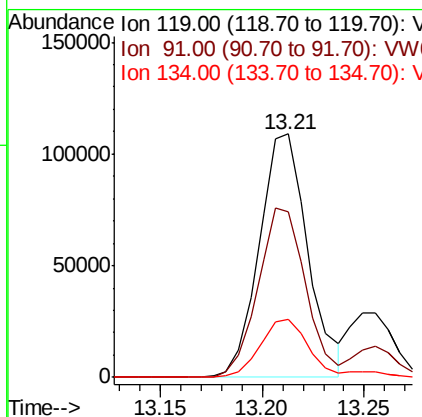
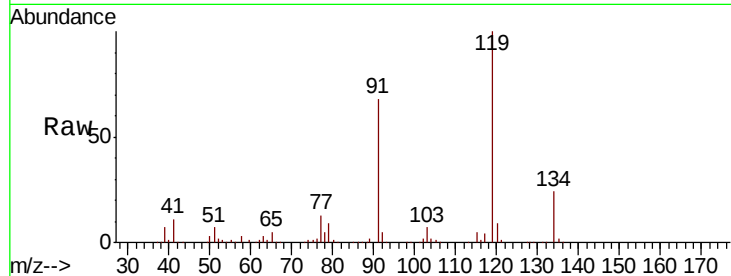
#83
tert-Butylbenzene
Concen: 59.002 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181077		
91	67.9	34.2	102.5	
134	25.2	12.8	38.4	

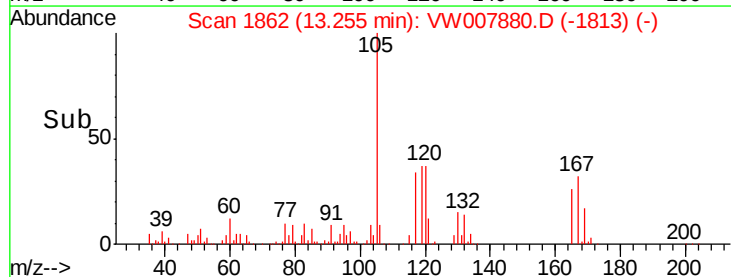
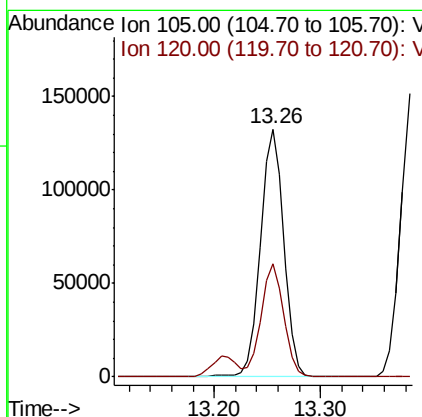
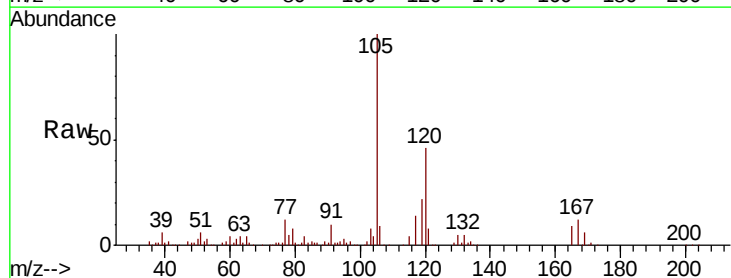
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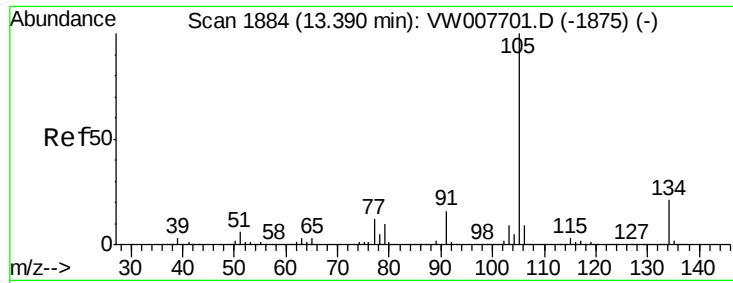
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#84
1,2,4-Trimethylbenzene
Concen: 57.808 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	204029		
120	44.3	22.0	66.0	





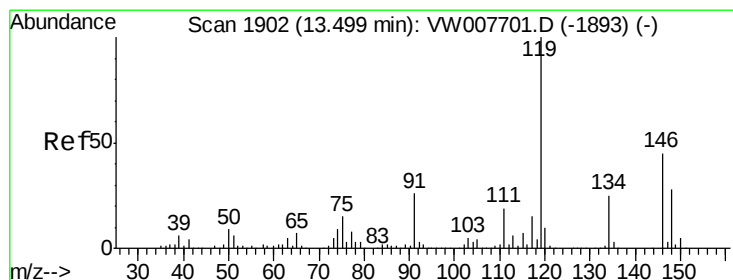
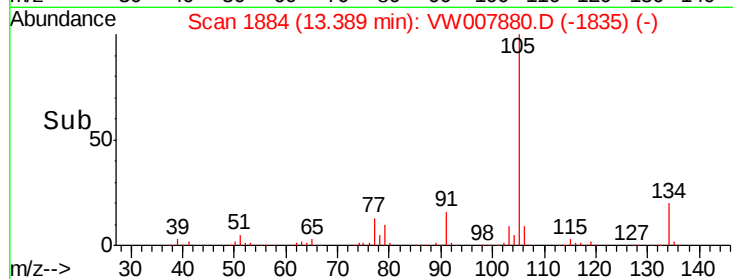
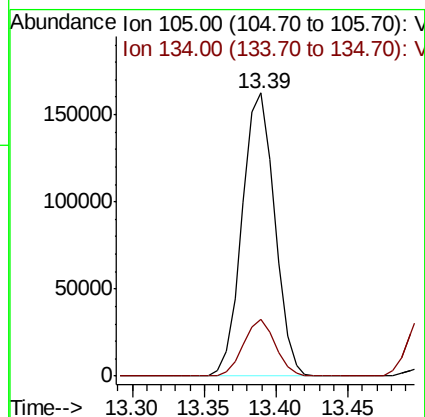
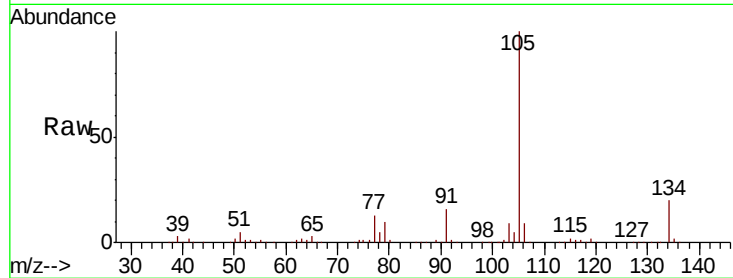
#85
 sec-Butylbenzene
 Concen: 60.167 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.2	30.4

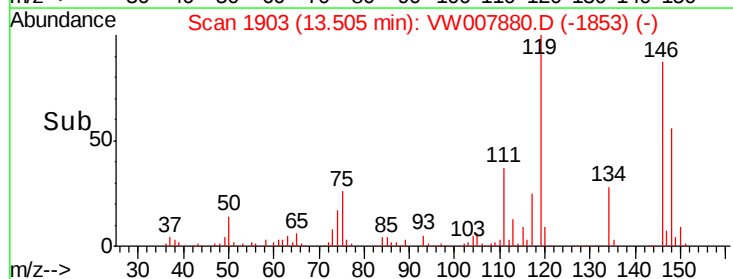
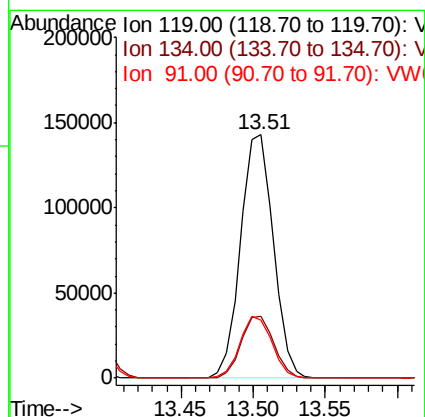
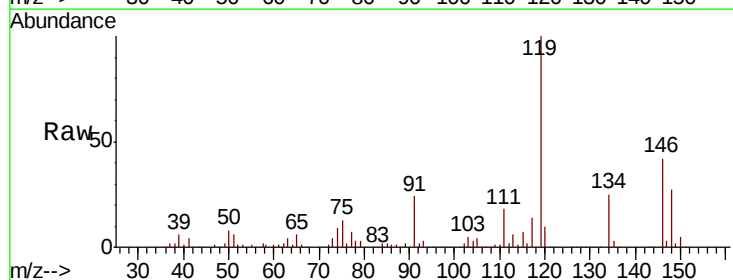
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 58.610 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.0	39.0
91	24.7	12.8	38.4





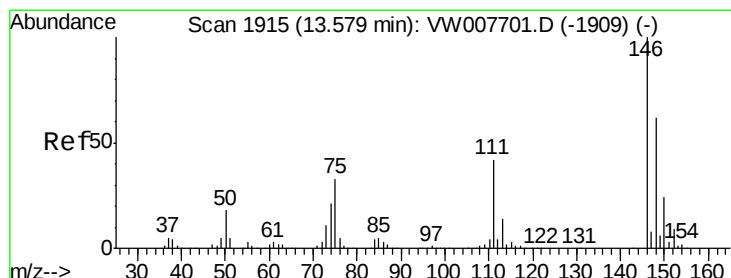
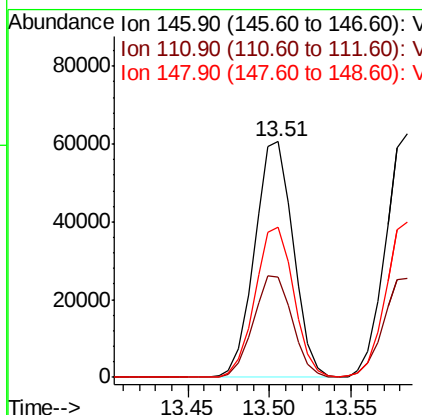
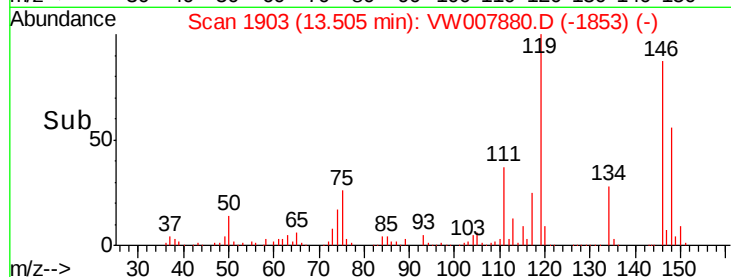
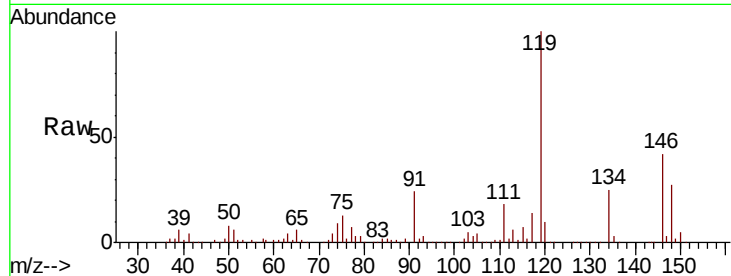
#87
 1,3-Dichlorobenzene
 Concen: 54.111 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.4
148	63.7	32.1	96.5

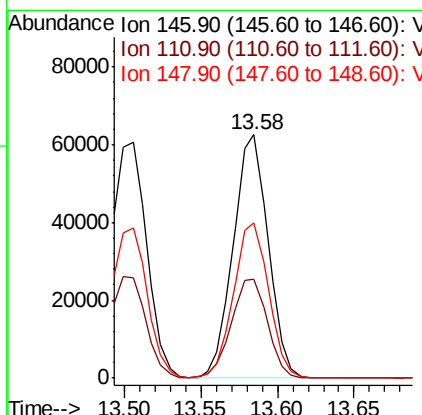
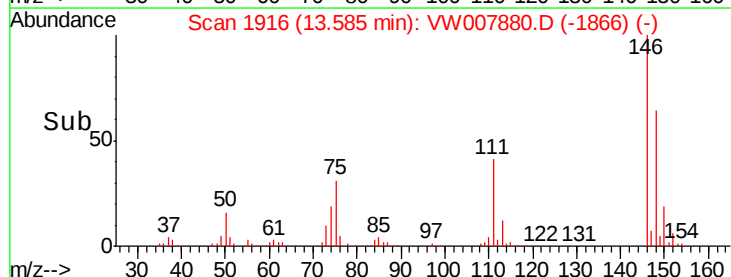
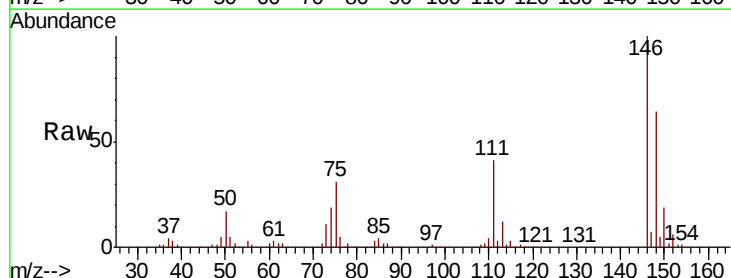
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#88
 1,4-Dichlorobenzene
 Concen: 53.768 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	64.2	31.8	95.4





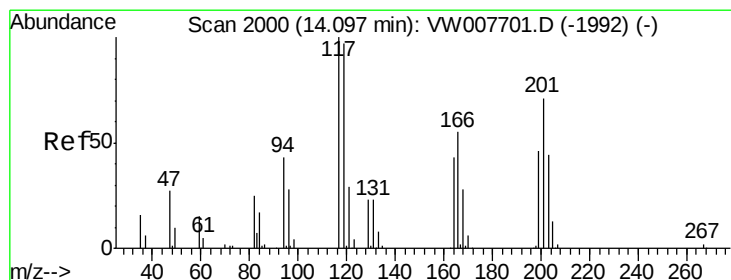
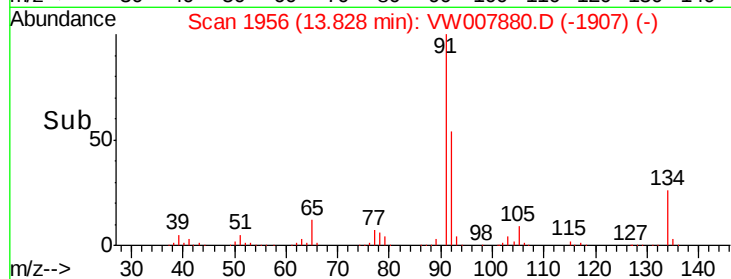
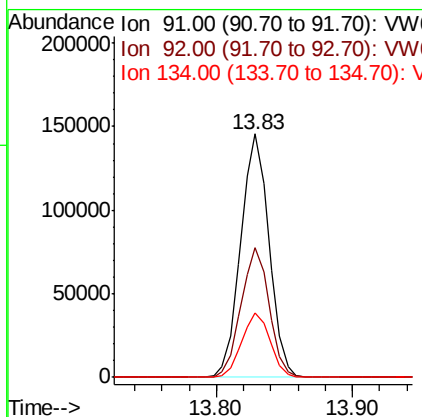
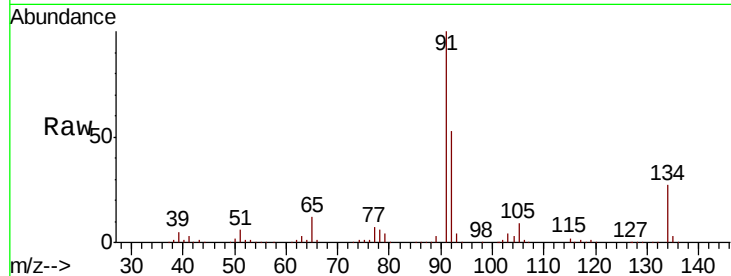
#89
n-Butylbenzene
Concen: 60.044 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	26.3	13.7	41.0

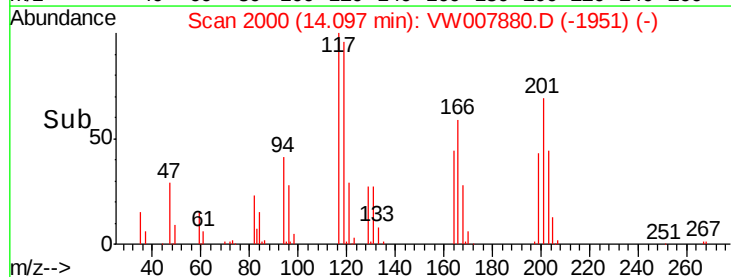
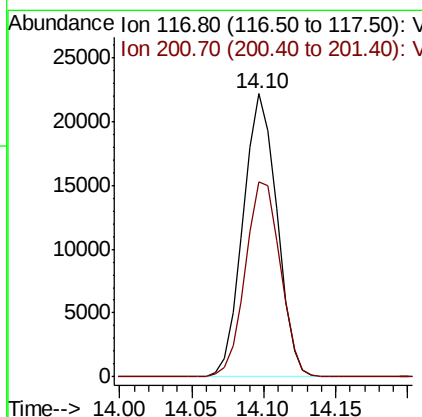
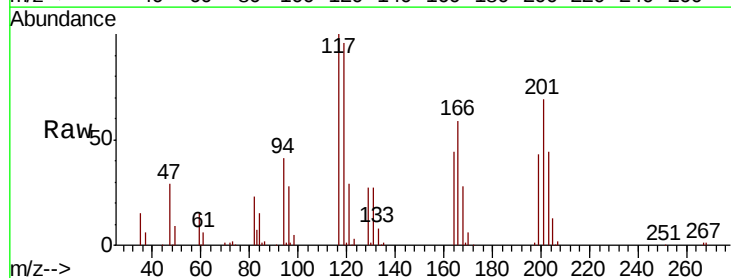
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#90
Hexachloroethane
Concen: 53.597 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.8	36.2	108.6





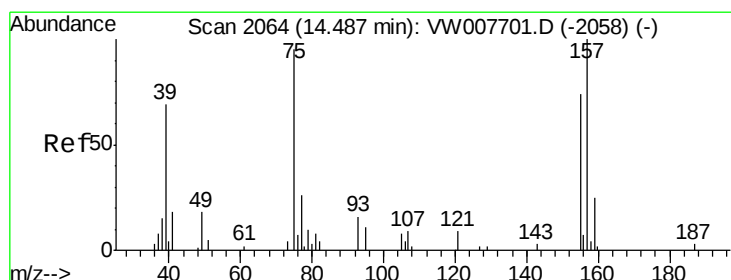
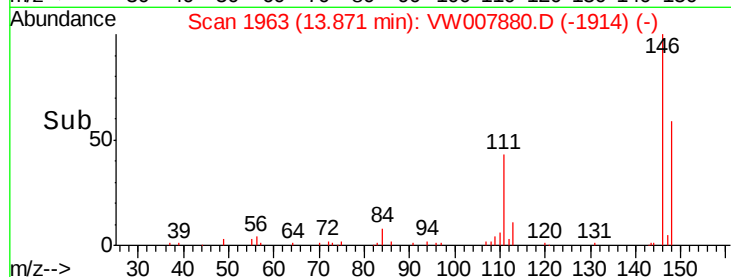
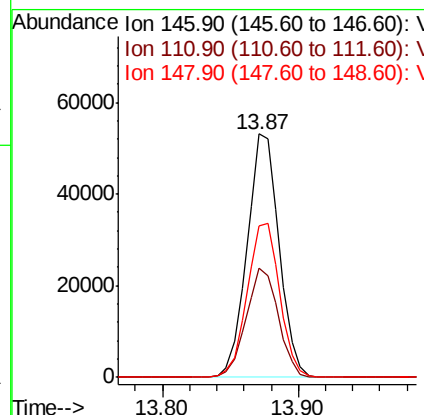
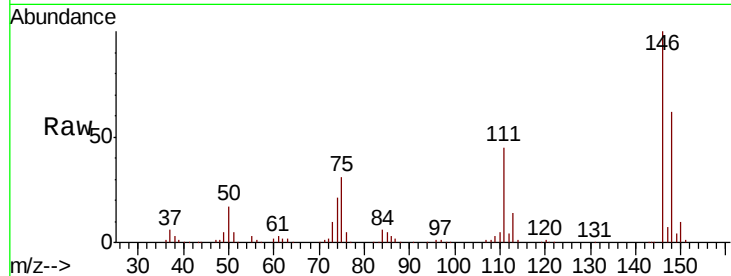
#91
 1,2-Dichlorobenzene
 Concen: 52.944 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	21.7	65.1
148	64.3	32.1	96.5

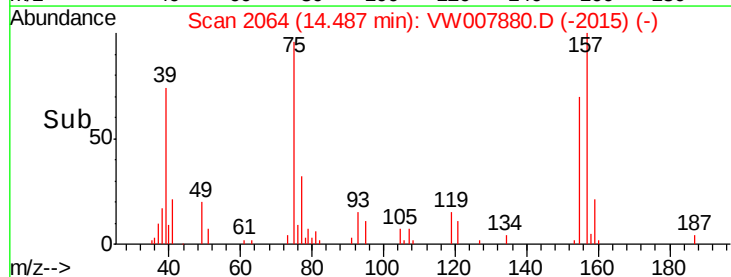
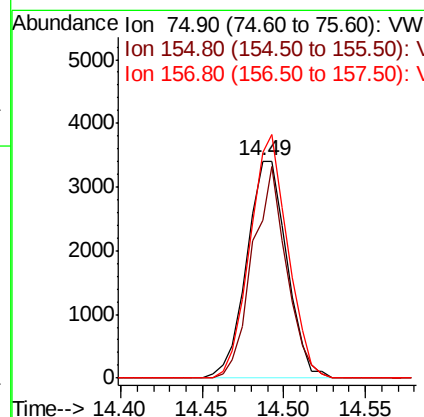
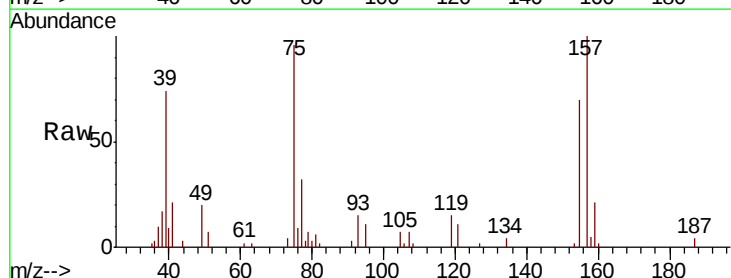
Manual Integrations
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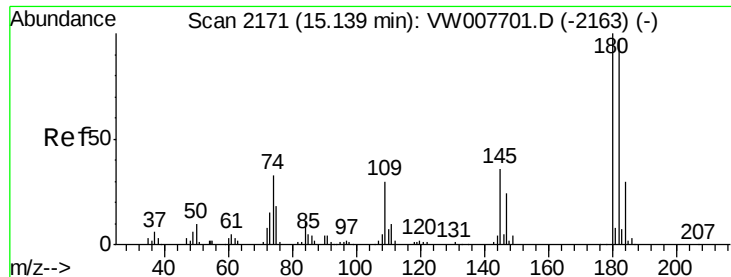
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.685 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007880.D
 Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	39.4	118.1
157	105.7	52.0	156.0





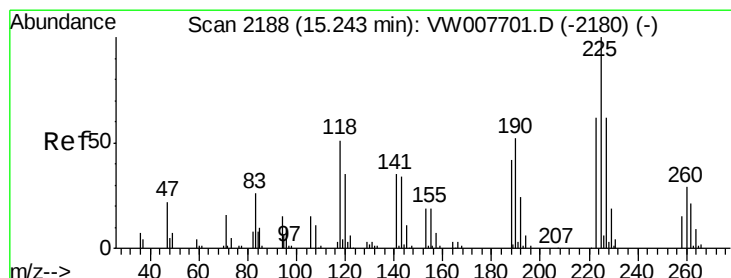
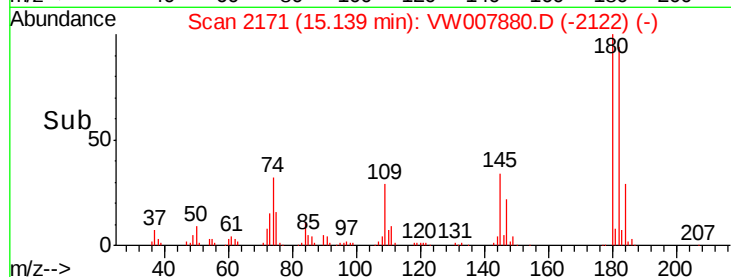
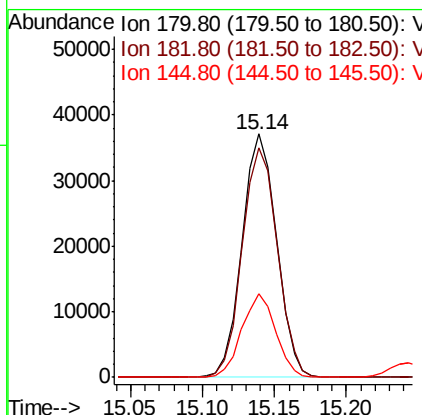
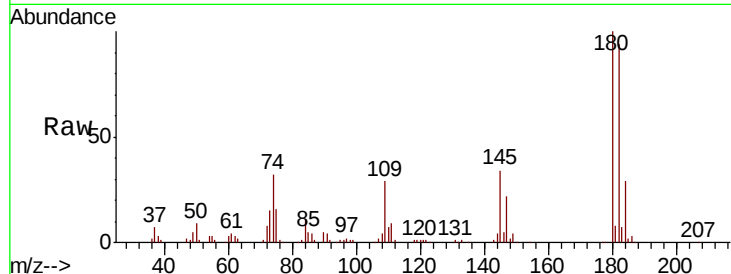
#93
1,2,4-Trichlorobenzene
Concen: 53.807 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.6
145	33.6	17.5	52.5

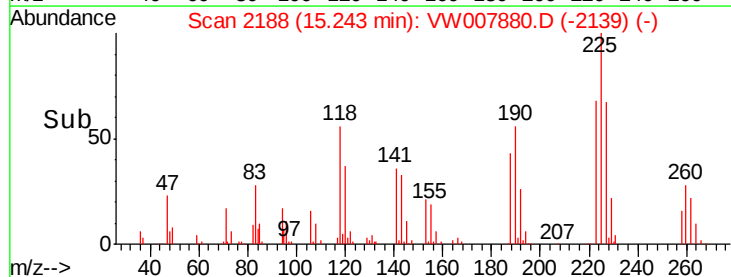
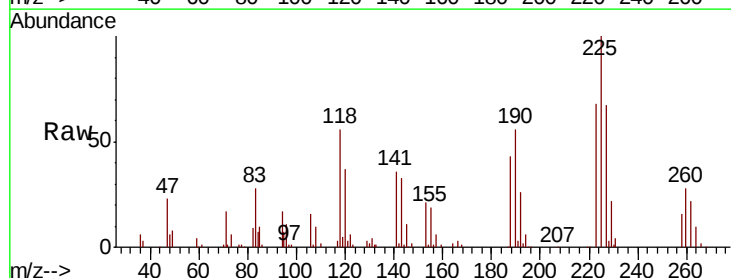
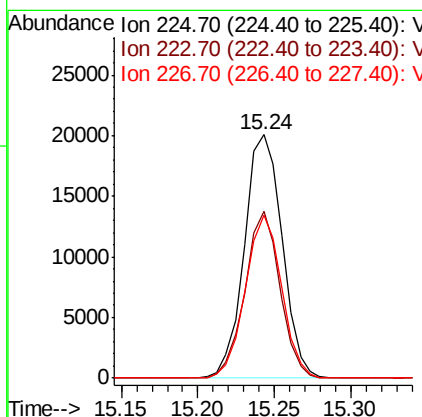
Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:38:06 PM



#94
Hexachlorobutadiene
Concen: 56.350 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.6	94.8
227	63.9	32.1	96.3





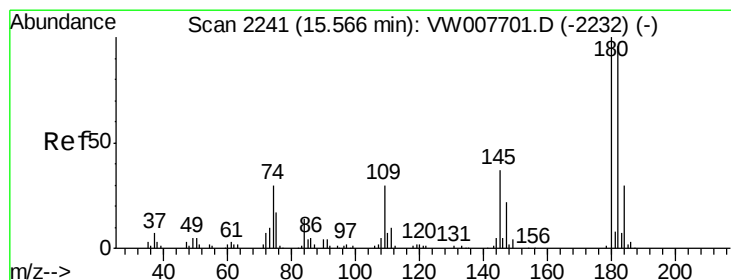
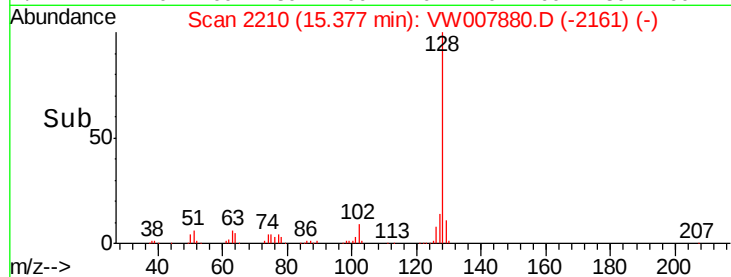
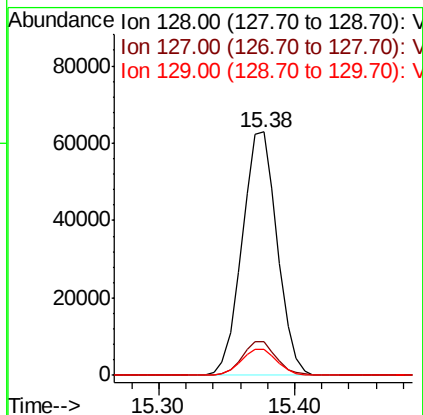
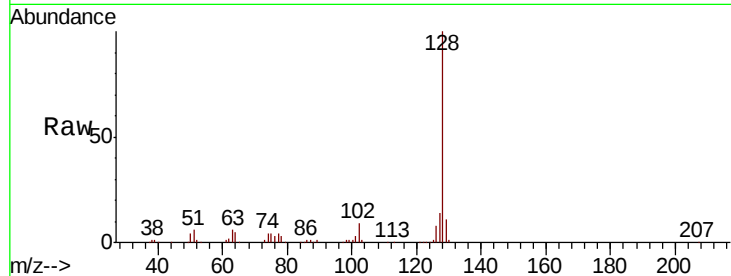
#95
Naphthalene
Concen: 53.501 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/26/2018 4:38:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.769 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007880.D
Acq: 24 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.4	142.2
145	37.4	18.4	55.0

