

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010030.D
 Acq On : 17 Apr 2019 23:30
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 11:39:11 AM

Quant Time: Apr 18 04:31:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	598563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	560440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	288839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	250754	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	194979	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.32	98	759554	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	279128	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	129946	47.974	ug/l	97
3) Chloromethane	2.21	50	141106	52.093	ug/l	93
4) Vinyl Chloride	2.37	62	157099	49.895	ug/l	97
5) Bromomethane	2.78	94	109777	51.880	ug/l	96
6) Chloroethane	2.92	64	107162	52.089	ug/l	99
7) Trichlorofluoromethane	3.25	101	91925	42.226	ug/l	96
8) Diethyl Ether	3.67	74	98363	54.319	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	174352	47.596	ug/l	97
10) Methyl Iodide	4.26	142	268443	53.029	ug/l	100
11) Tert butyl alcohol	5.17	59	73710	295.183	ug/l	99
12) 1,1-Dichloroethene	4.04	96	177914	50.661	ug/l	90
13) Acrolein	3.88	56	61716	234.927	ug/l	98
14) Allyl chloride	4.65	41	298589	47.823	ug/l	99
15) Acrylonitrile	5.36	53	266630	286.110	ug/l	99
16) Acetone	4.12	43	240139	236.090	ug/l	98
17) Carbon Disulfide	4.38	76	521354	49.297	ug/l	97
18) Methyl Acetate	4.67	43	131680	55.936	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	277482	60.832	ug/l	98
20) Methylene Chloride	4.91	84	227381	58.196	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	207729	54.623	ug/l	97
22) Diisopropyl ether	6.31	45	713947	56.373	ug/l	98
23) Vinyl Acetate	6.25	43	2400007	301.032	ug/l	98
24) 1,1-Dichloroethane	6.21	63	397963	52.564	ug/l	100
25) 2-Butanone	7.17	43	404521	302.753	ug/l	100
26) 2,2-Dichloropropane	7.16	77	182451	43.558	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	230162	55.031	ug/l	99
28) Bromochloromethane	7.51	49	167727	54.210	ug/l	96
29) Tetrahydrofuran	7.52	42	272481	321.844	ug/l	98
30) Chloroform	7.67	83	406691	53.609	ug/l	100
31) Cyclohexane	7.95	56	347056	48.953	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	295170	49.563	ug/l	98
36) 1,1-Dichloropropene	8.08	75	302415	49.461	ug/l	100
37) Ethyl Acetate	7.25	43	182866	58.858	ug/l	100
38) Carbon Tetrachloride	8.06	117	286070	47.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	346301	46.628	ug/l	99
40) Benzene	8.32	78	870742	52.084	ug/l	99
41) Methacrylonitrile	7.48	41	110132	62.196	ug/l	97
42) 1,2-Dichloroethane	8.40	62	304586	53.015	ug/l	99
43) Isopropyl Acetate	8.42	43	341469	58.651	ug/l	97
44) Trichloroethene	9.09	130	216042	50.880	ug/l	99
45) 1,2-Dichloropropane	9.37	63	233239	53.078	ug/l	99
46) Dibromomethane	9.46	93	126680	55.621	ug/l	98
47) Bromodichloromethane	9.64	83	313036	53.244	ug/l	98
48) Methyl methacrylate	9.43	41	162924	57.489	ug/l	99
49) 1,4-Dioxane	9.45	88	41638	1196.472	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	921859	302.317	ug/l	100
52) Toluene	10.38	92	550821	52.893	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	314438	53.943	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	357080	53.648	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	171246	53.870	ug/l	98
56) Ethyl methacrylate	10.65	69	249214	56.116	ug/l	98
57) 1,3-Dichloropropane	10.93	76	312905	54.918	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	559115	294.349	ug/l	100
59) 2-Hexanone	10.97	43	643191	303.013	ug/l	100
60) Dibromochloromethane	11.13	129	207646	56.516	ug/l	100
61) 1,2-Dibromoethane	11.23	107	168070	55.579	ug/l	97
64) Tetrachloroethene	10.86	164	205669	56.531	ug/l	99
65) Chlorobenzene	11.66	112	576474	50.256	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	211882	51.653	ug/l	98
67) Ethyl Benzene	11.73	91	1058320	51.712	ug/l	100
68) m/p-Xylenes	11.84	106	795127	103.936	ug/l	100
69) o-Xylene	12.16	106	369159	52.996	ug/l	99
70) Styrene	12.18	104	666657	55.507	ug/l	99
71) Bromoform	12.35	173	118920	54.825	ug/l #	100
73) Isopropylbenzene	12.46	105	1006728	50.079	ug/l	100
74) N-amyl acetate	12.27	43	322140	57.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	217291	54.711	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	152645m	52.803	ug/l	
77) Bromobenzene	12.75	156	238987	51.692	ug/l	99
78) n-propylbenzene	12.80	91	1246611	50.035	ug/l	100
79) 2-Chlorotoluene	12.89	91	726444	50.697	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	875542	51.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	68078	55.529	ug/l	99
82) 4-Chlorotoluene	12.99	91	760030	50.397	ug/l	99
83) tert-Butylbenzene	13.21	119	719971	51.008	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	890318	51.520	ug/l	100
85) sec-Butylbenzene	13.38	105	1035094	49.072	ug/l	100
86) p-Isopropyltoluene	13.50	119	952320	51.223	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	466297	49.894	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	464137	49.754	ug/l	100
89) n-Butylbenzene	13.83	91	925721	50.258	ug/l	99
90) Hexachloroethane	14.10	117	177310	49.794	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	422615	50.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40019	56.305	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	282535	51.107	ug/l	99
94) Hexachlorobutadiene	15.24	225	164744	49.073	ug/l	99
95) Naphthalene	15.37	128	589719	53.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	260677	54.349	ug/l	100

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

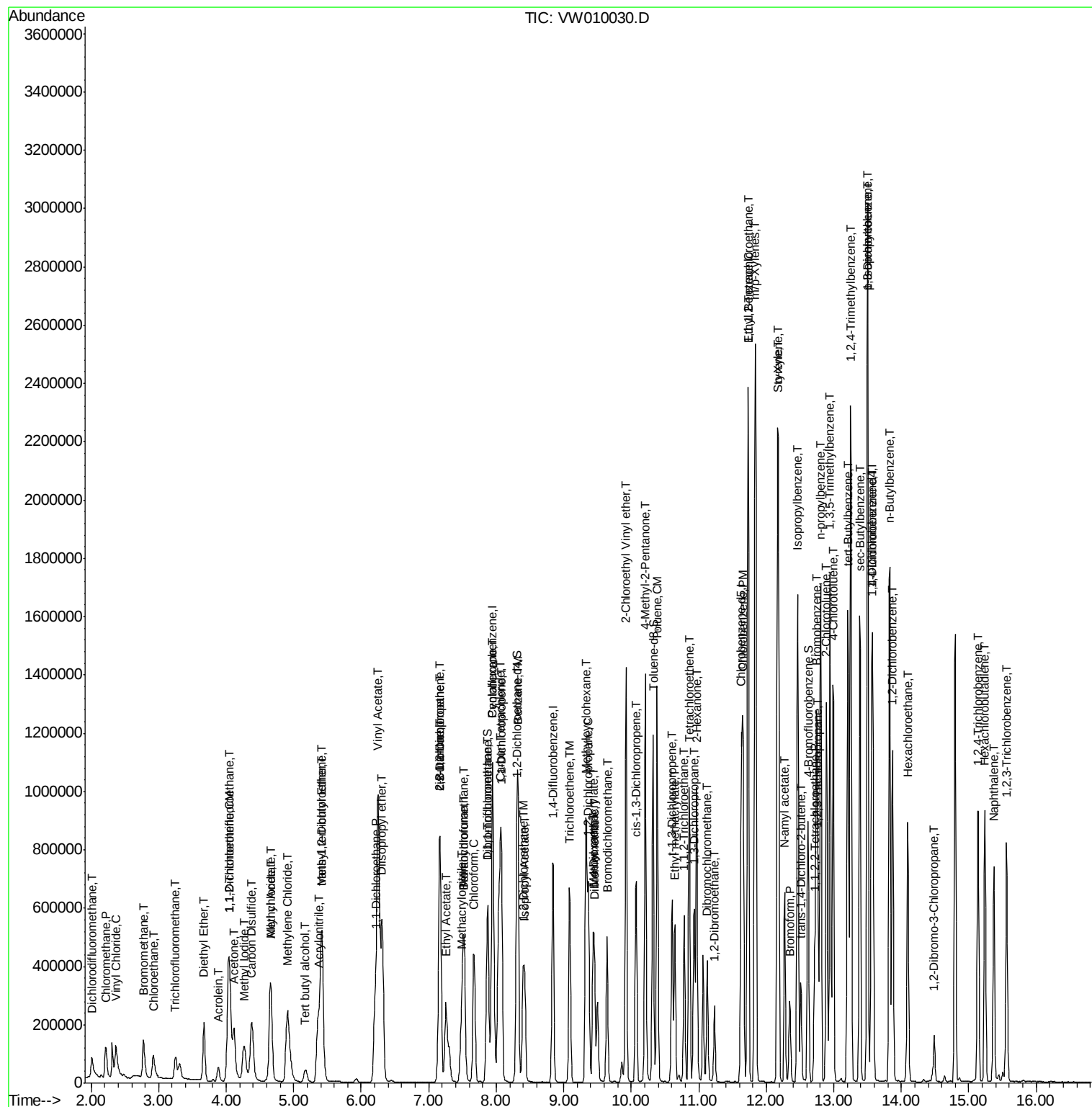
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041719\
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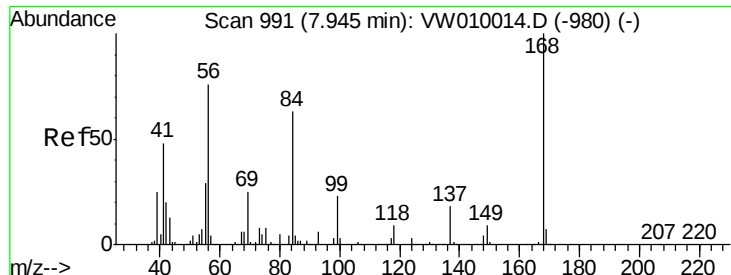
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 355242

Ion Ratio Lower Upper

168 100

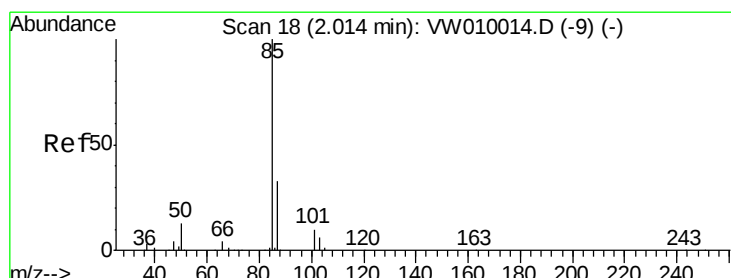
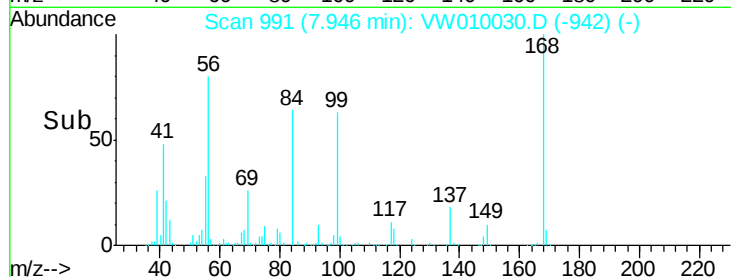
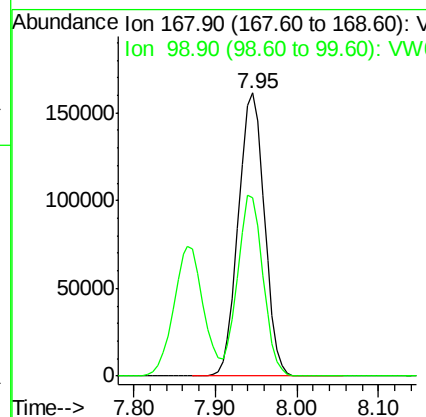
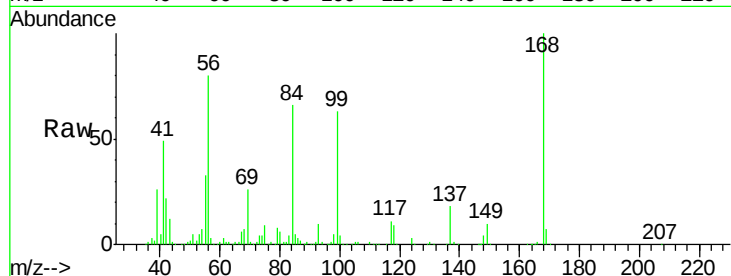
99 62.9 48.4 72.6

Manual Integrations

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4/18/2019 11:39:11 AM



#2

Dichlorodifluoromethane

Concen: 47.974 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW010030.D

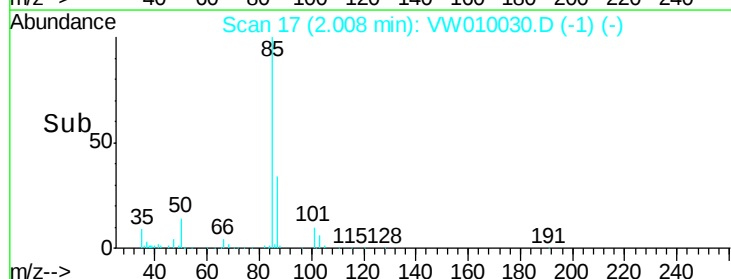
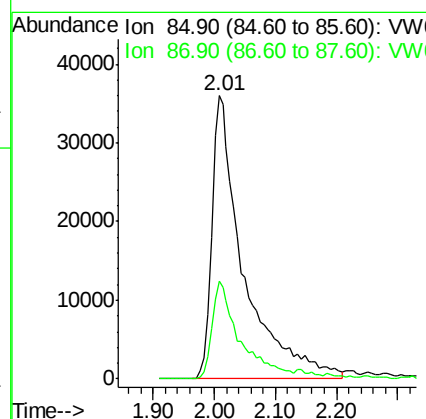
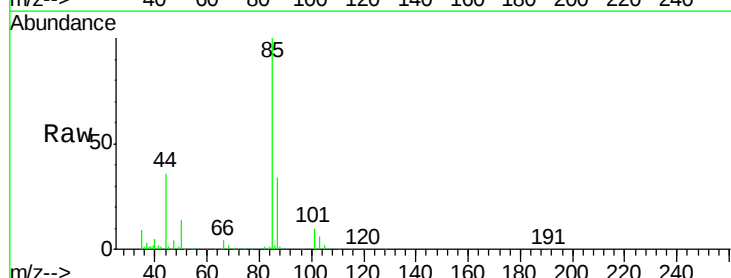
Acq: 17 Apr 2019 23:30

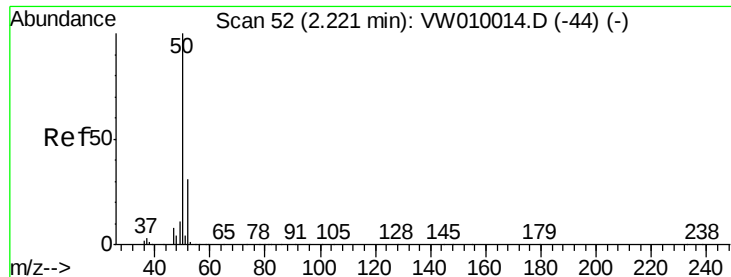
Tgt Ion: 85 Resp: 129946

Ion Ratio Lower Upper

85 100

87 34.4 16.3 48.9





#3

Chloromethane

Concen: 52.093 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 141106

Ion Ratio Lower Upper

50 100

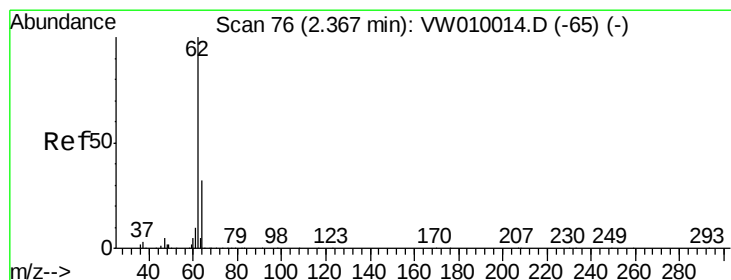
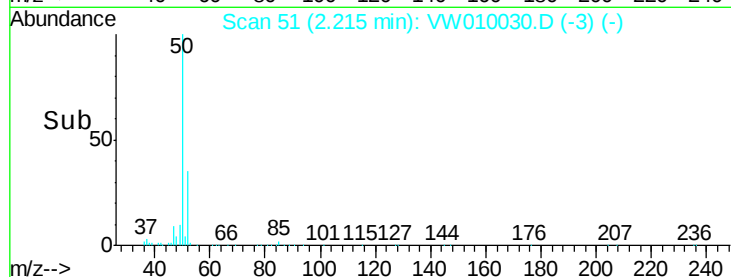
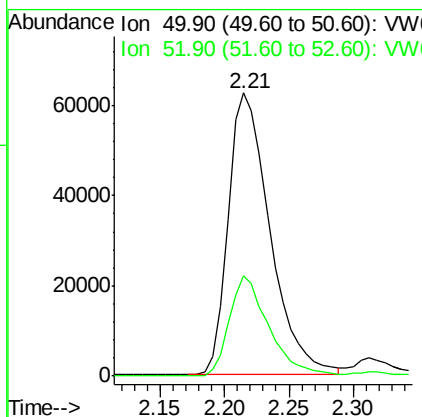
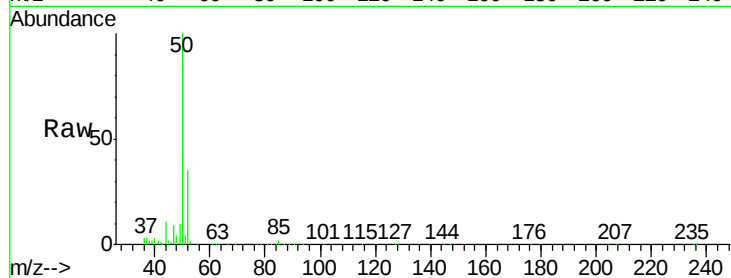
52 35.4 25.0 37.6

Manual Integrations

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4/18/2019 11:39:11 AM



#4

Vinyl Chloride

Concen: 49.895 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW010030.D

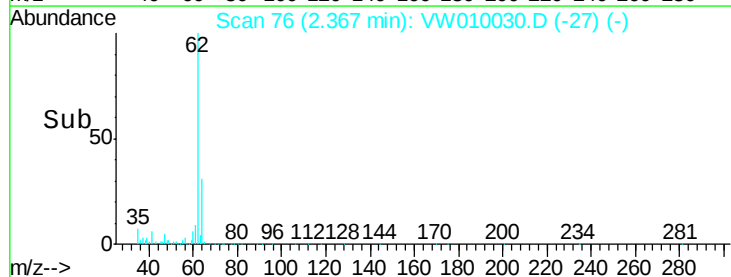
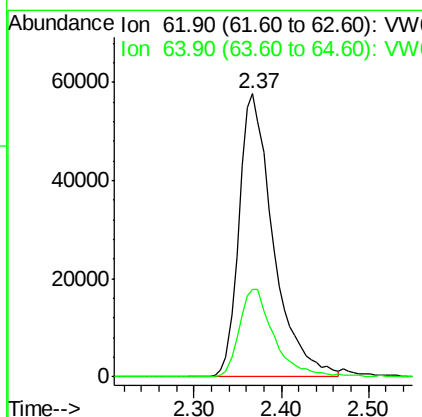
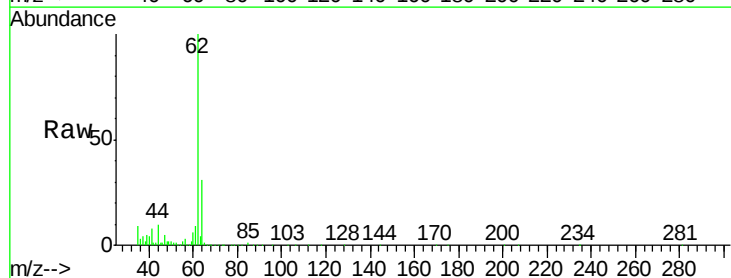
Acq: 17 Apr 2019 23:30

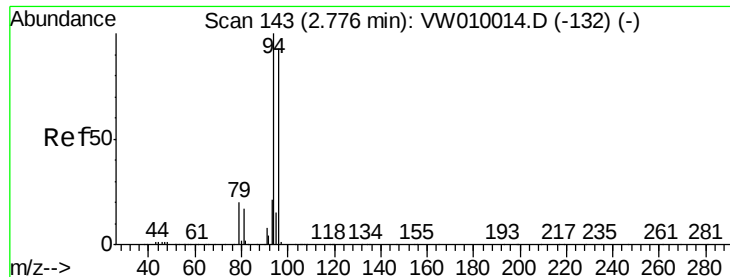
Tgt Ion: 62 Resp: 157099

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 51.880 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 109777

Ion Ratio Lower Upper

94 100

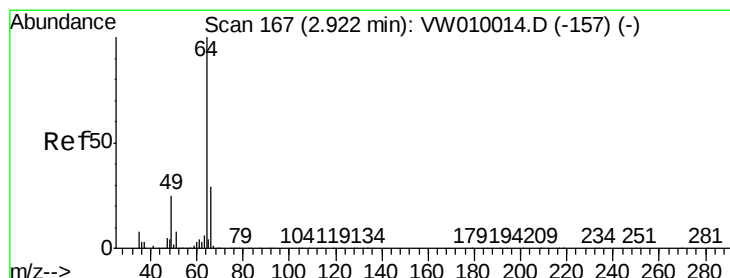
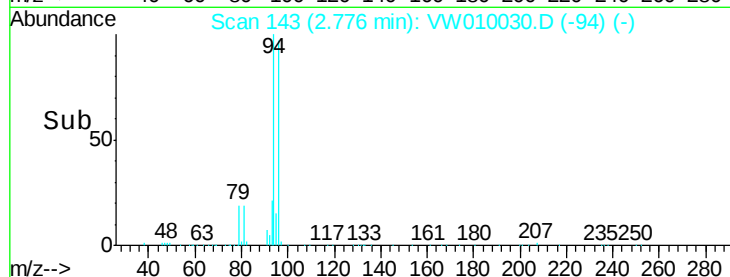
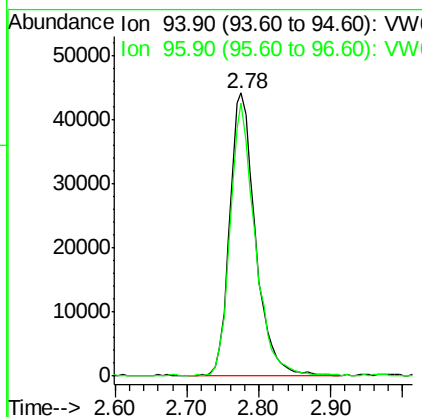
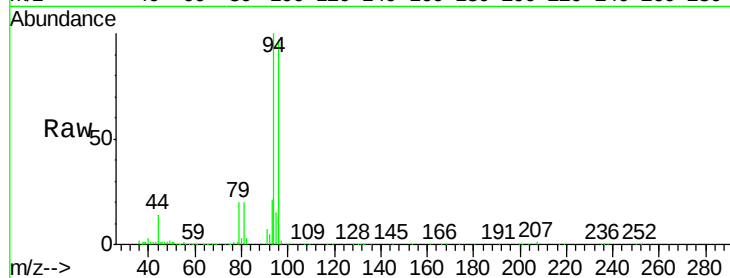
96 96.5 74.2 111.2

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4/18/2019 11:39:11 AM



#6

Chloroethane

Concen: 52.089 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW010030.D

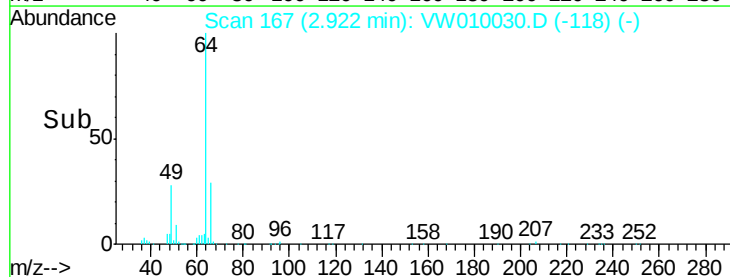
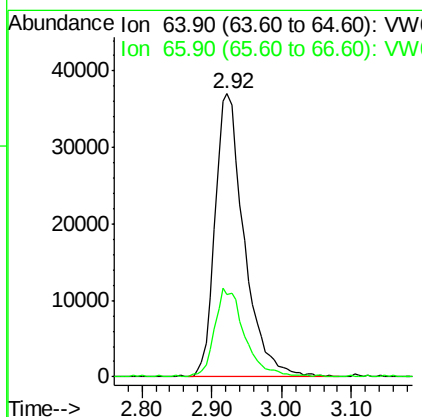
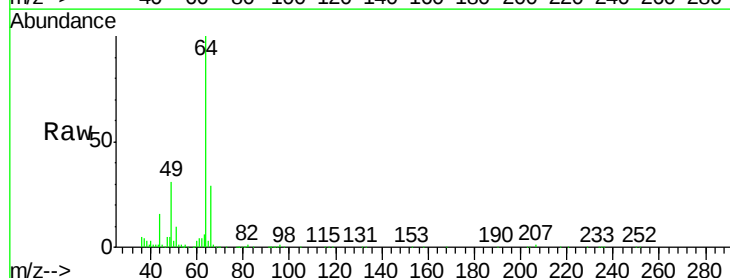
Acq: 17 Apr 2019 23:30

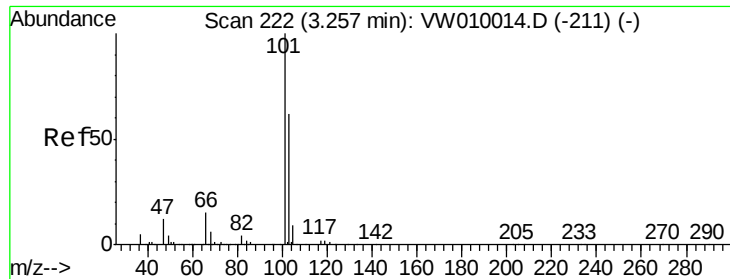
Tgt Ion: 64 Resp: 107162

Ion Ratio Lower Upper

64 100

66 28.8 23.4 35.0





#7

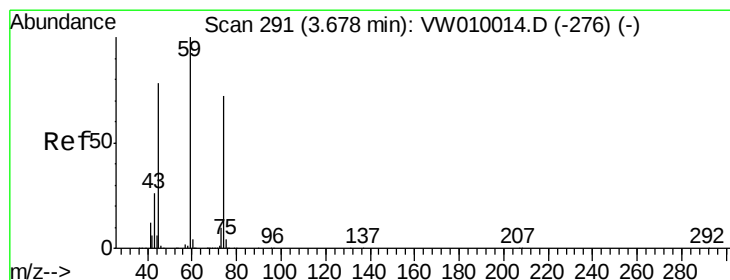
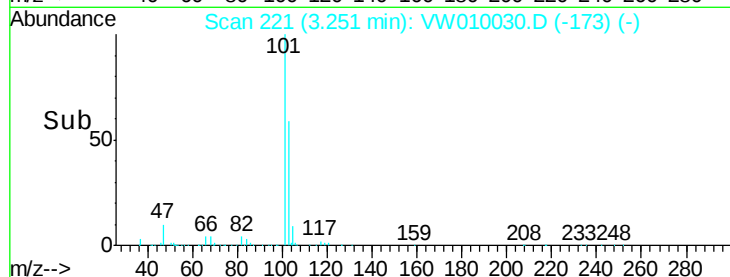
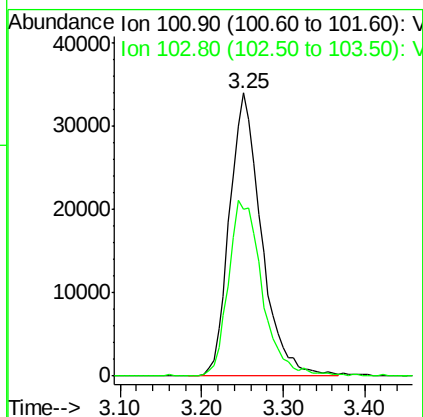
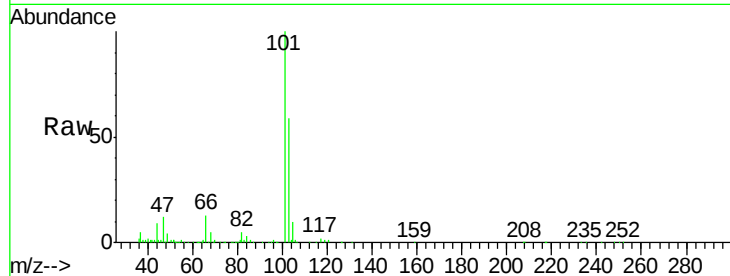
Trichlorofluoromethane
 Concen: 42.226 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW010030.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	58.8	49.8	74.6

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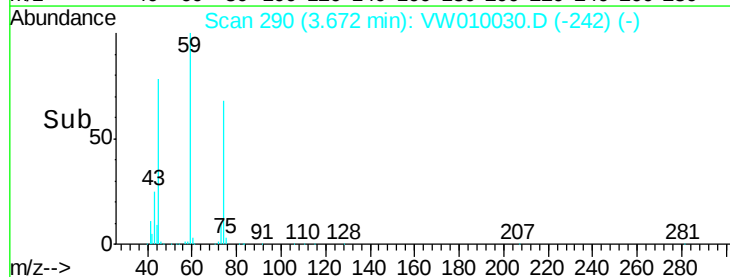
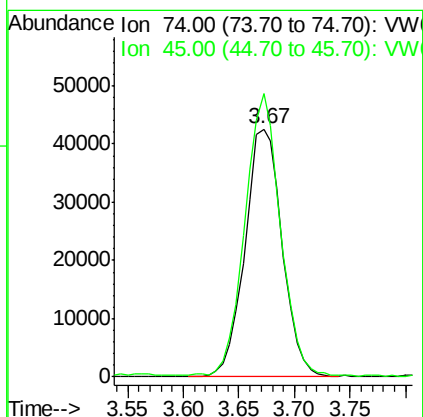
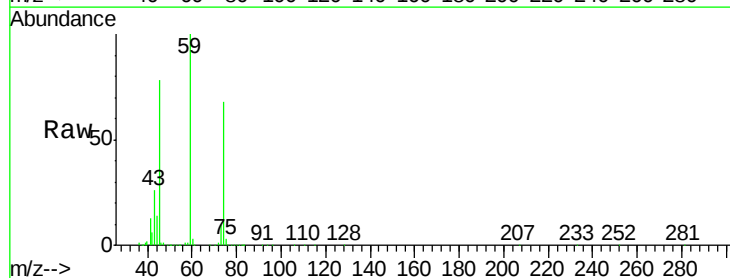
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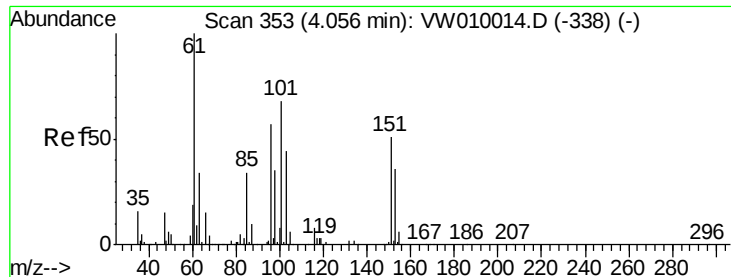


#8

Diethyl Ether
 Concen: 54.319 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW010030.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.3	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.596 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW010030.D

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Instrument :

MSVOA_W

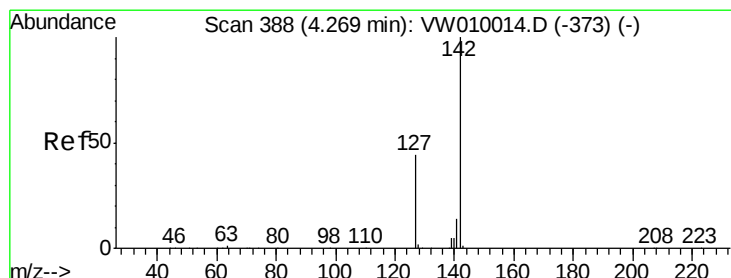
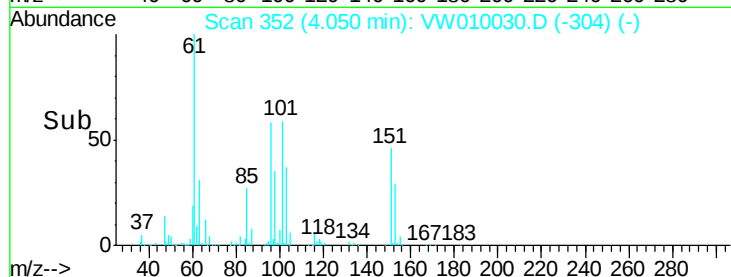
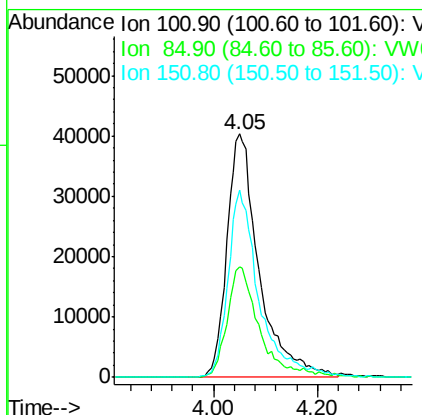
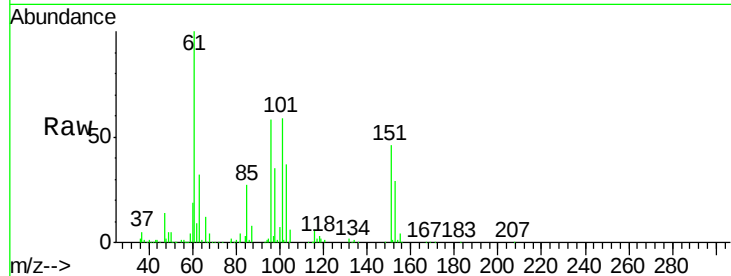
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	174352
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.3	54.5
151	72.5	60.2	90.2

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#10

Methyl Iodide

Concen: 53.029 ug/l

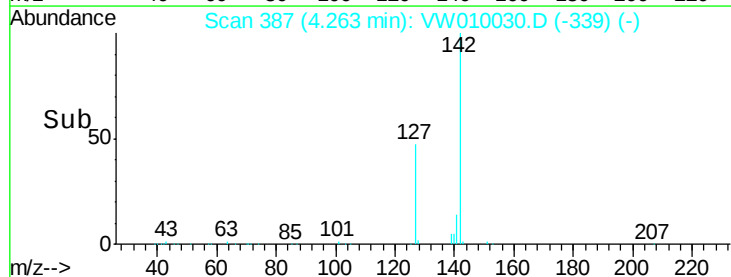
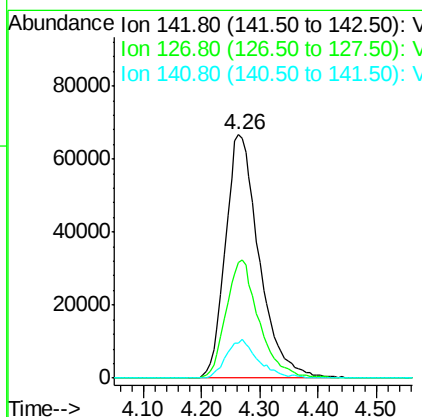
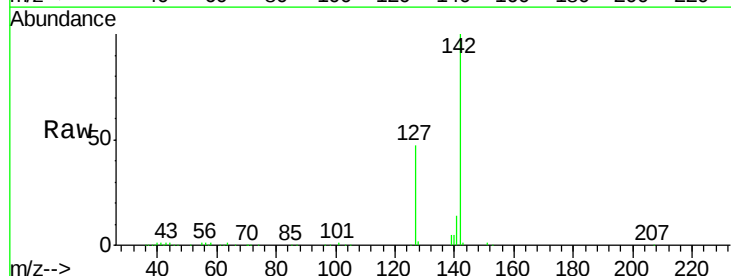
RT: 4.26 min Scan# 387

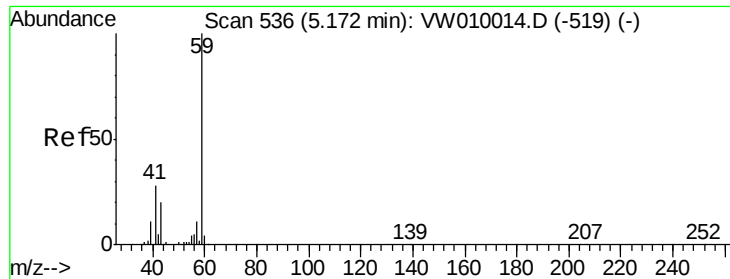
Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	142	Resp:	268443
Ion Ratio	Lower	Upper	
142	100		
127	47.7	38.1	57.1
141	15.1	12.2	18.2





#11

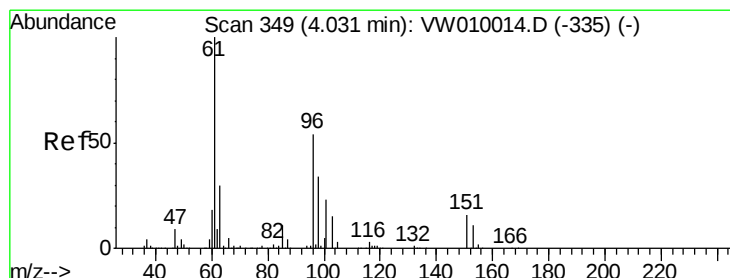
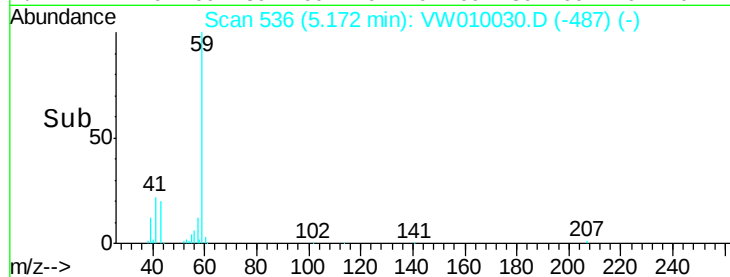
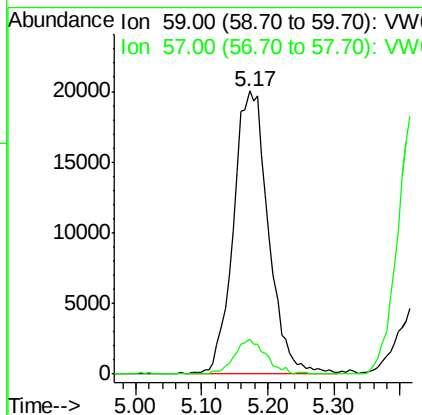
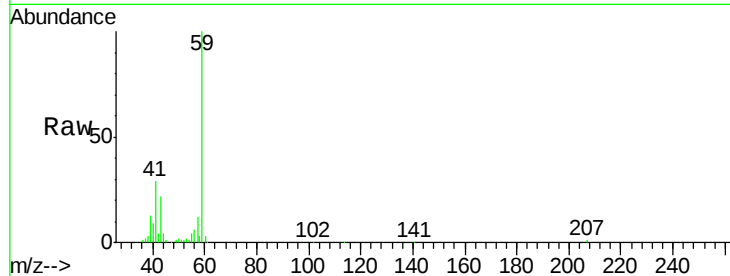
Tert butyl alcohol
 Concen: 295.183 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	73710
Ion Ratio	100	Lower	Upper
57	11.0	9.0	13.4

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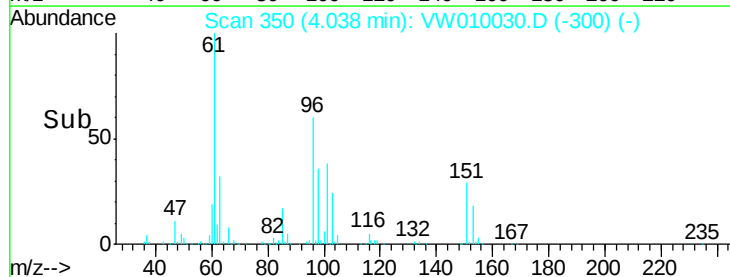
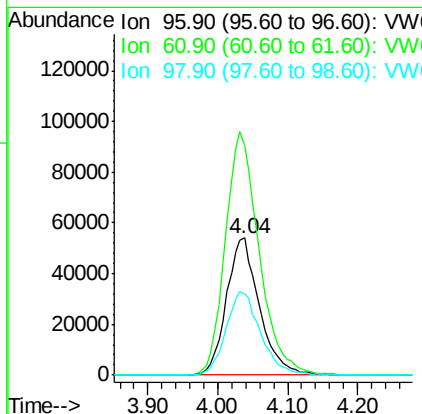
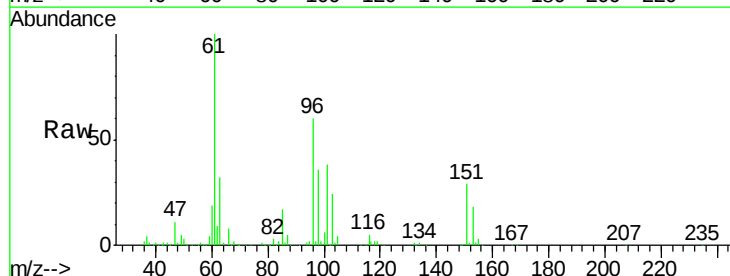
MMDadoda
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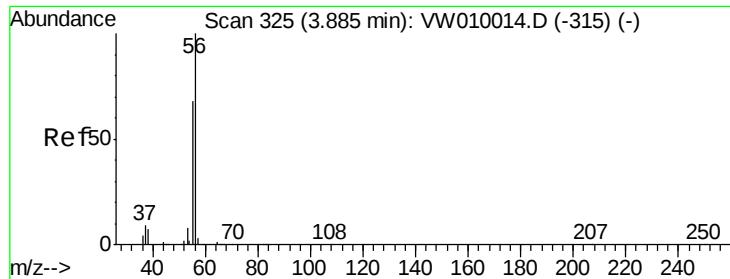


#12

1,1-Dichloroethene
 Concen: 50.661 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	96	Resp	177914
Ion Ratio	100	Lower	Upper
61	167.2	147.4	221.2
98	59.7	49.7	74.5





#13

Acrolein

Concen: 234.927 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 61716

Ion Ratio Lower Upper

56 100

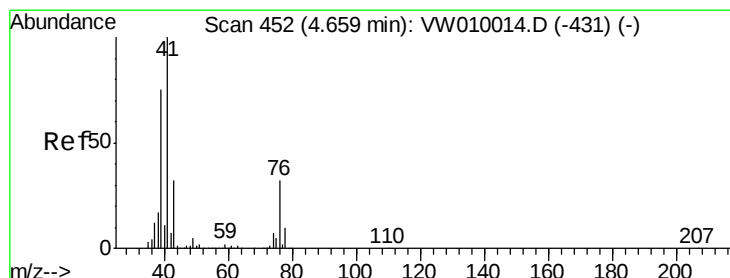
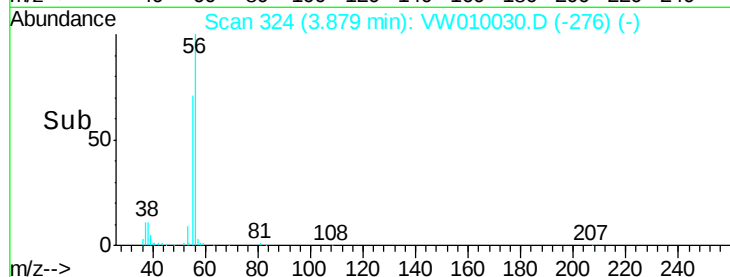
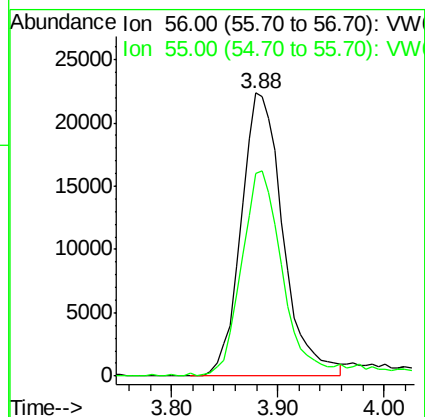
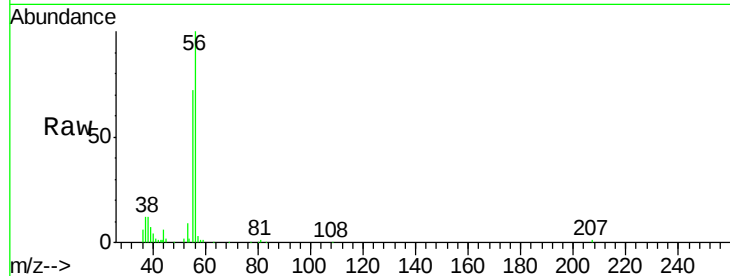
55 69.5 54.2 81.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.823 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

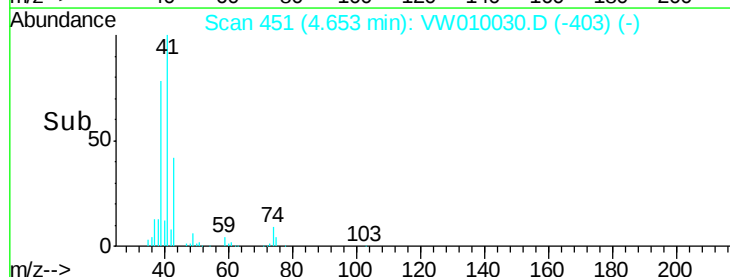
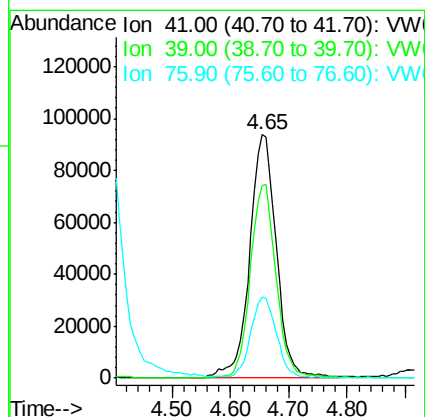
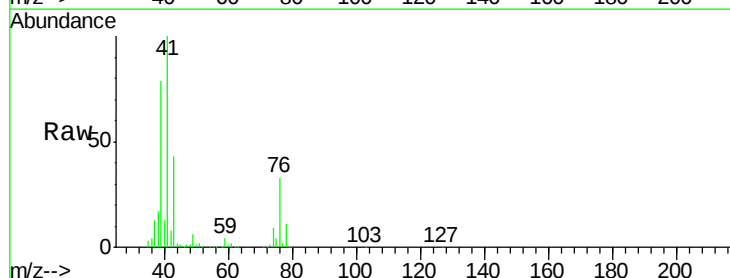
Tgt Ion: 41 Resp: 298589

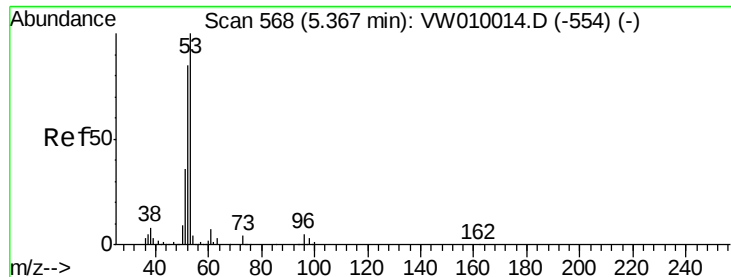
Ion Ratio Lower Upper

41 100

39 76.4 60.2 90.4

76 32.0 25.0 37.6





#15

Acrylonitrile

Concen: 286.110 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

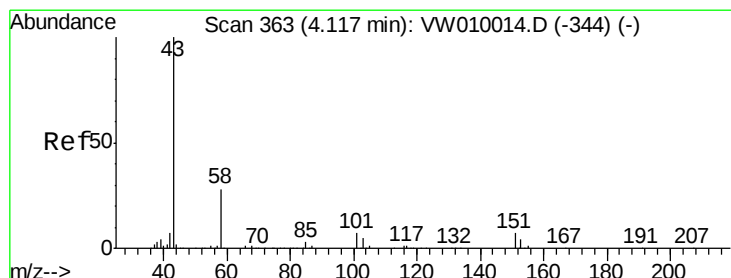
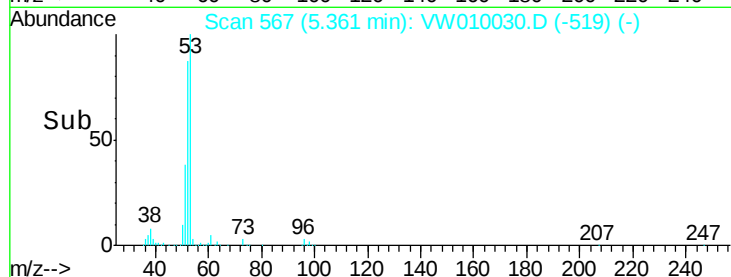
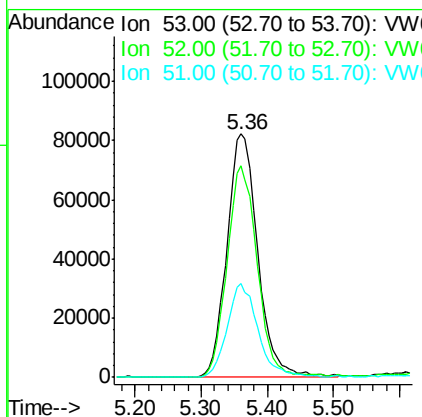
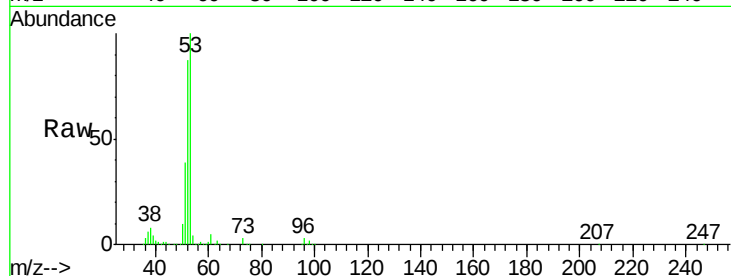
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	266630
Ion Ratio	Lower	Upper	
53	100		
52	84.8	66.6	100.0
51	38.4	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 236.090 ug/l

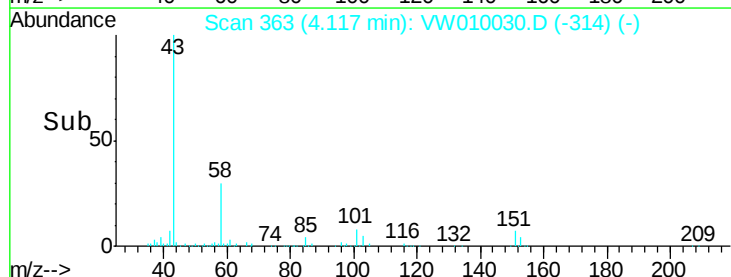
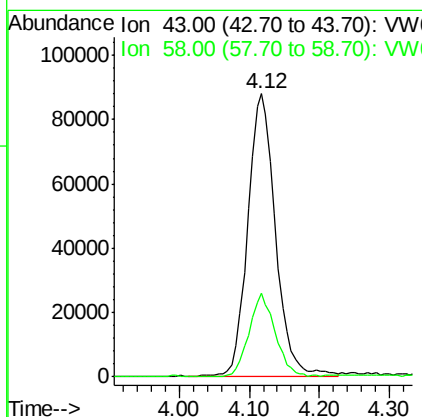
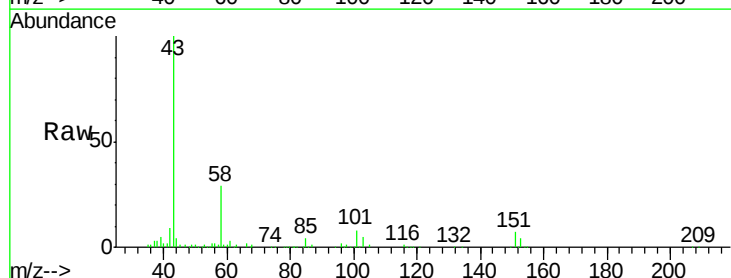
RT: 4.12 min Scan# 363

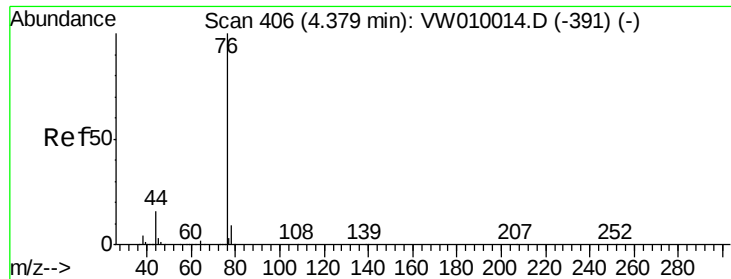
Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	43	Resp:	240139
Ion Ratio	Lower	Upper	
43	100		
58	29.3	22.7	34.1





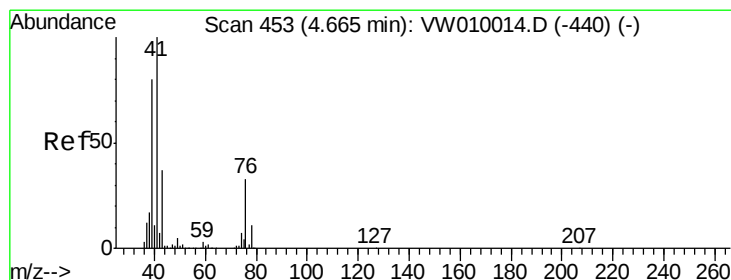
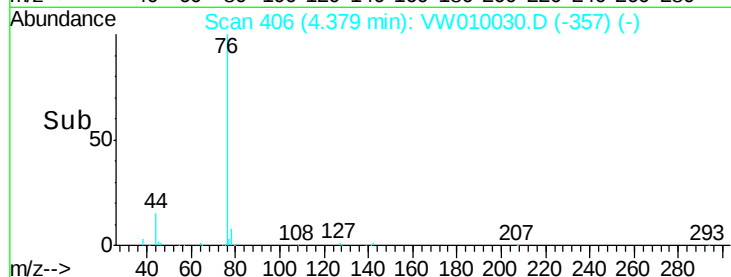
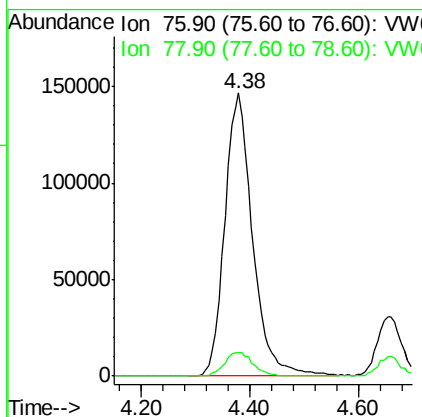
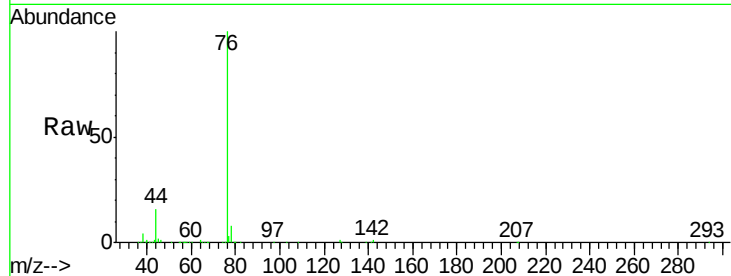
#17
Carbon Disulfide
Concen: 49.297 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

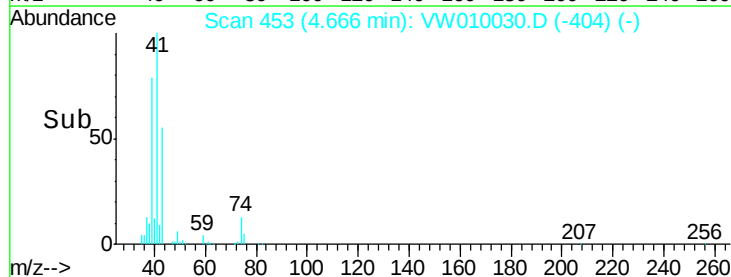
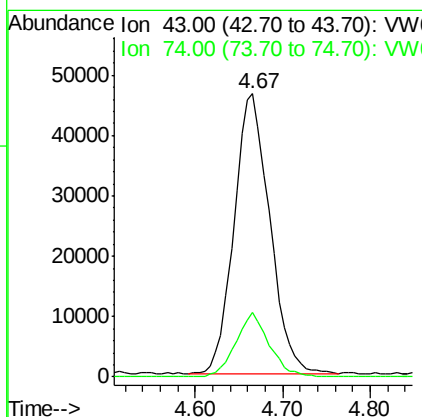
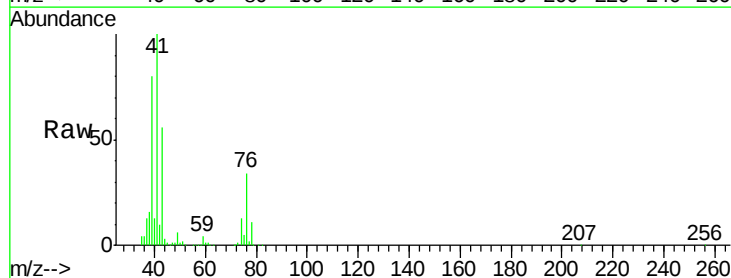
Manual Integrations
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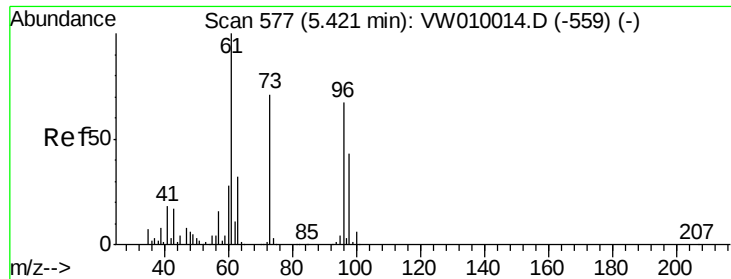
MMDadoda
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#18
Methyl Acetate
Concen: 55.936 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.8	25.2





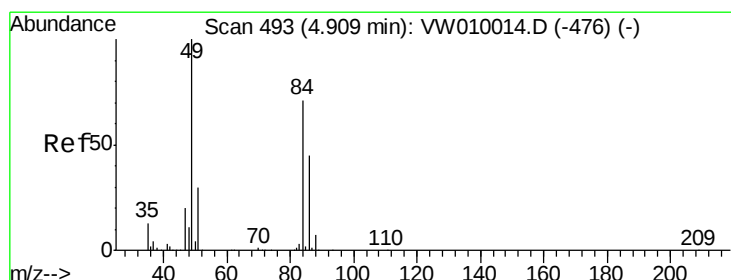
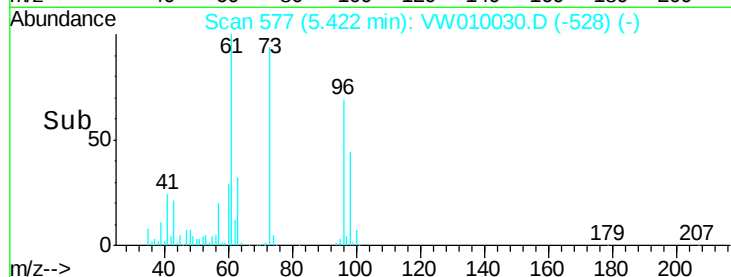
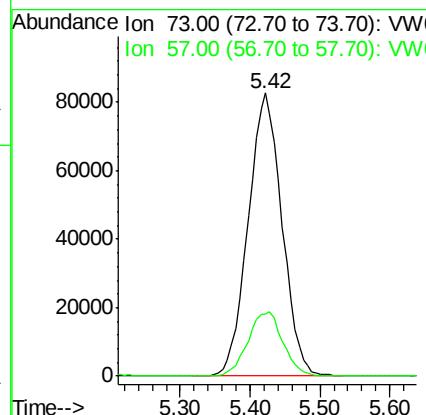
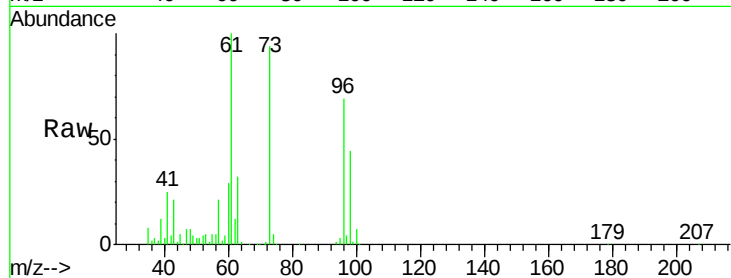
#19
Methyl tert-butyl Ether
Concen: 60.832 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.5	27.7

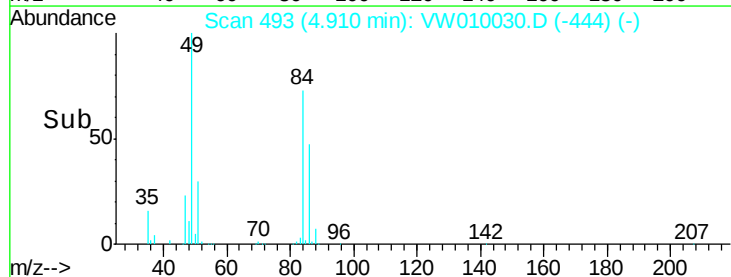
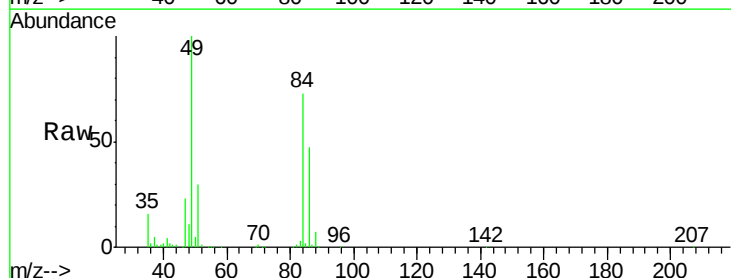
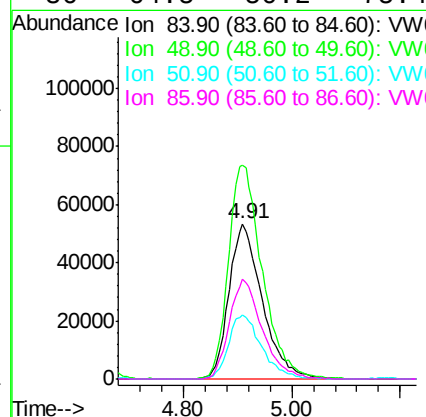
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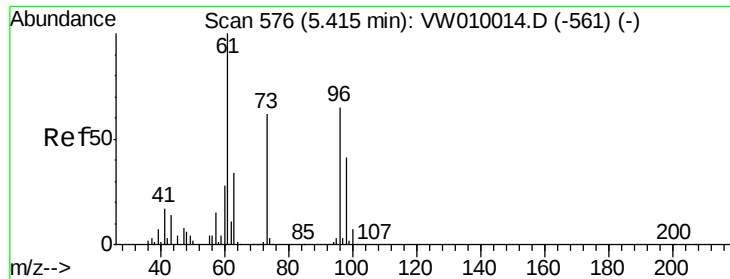
MMDadoda
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#20
Methylene Chloride
Concen: 58.196 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.6	112.3	168.5
51	41.3	33.9	50.9
86	64.5	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 54.623 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

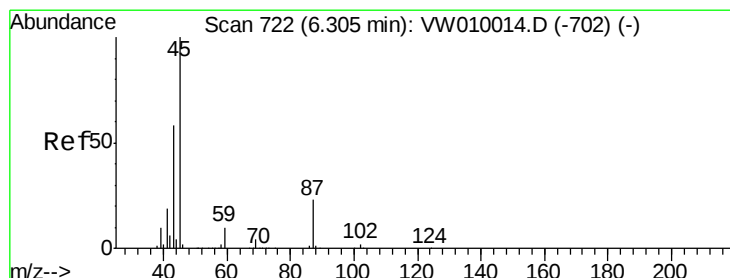
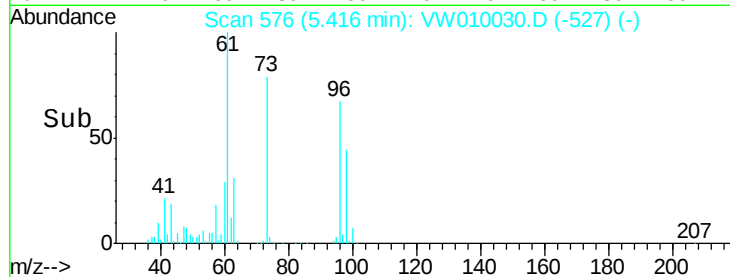
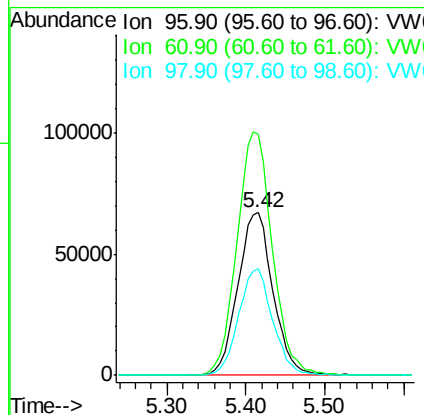
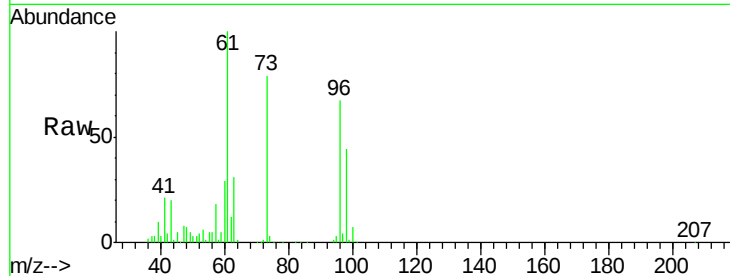
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	207729
Ion	Ratio	Lower	Upper
96	100		
61	148.3	122.3	183.5
98	65.4	50.5	75.7

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#22

Diisopropyl ether

Concen: 56.373 ug/l

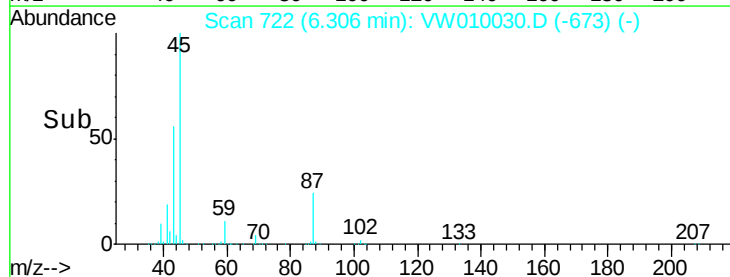
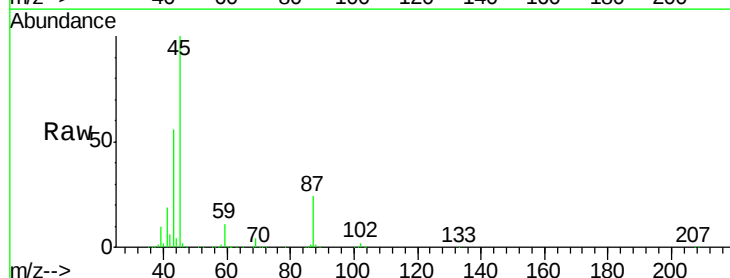
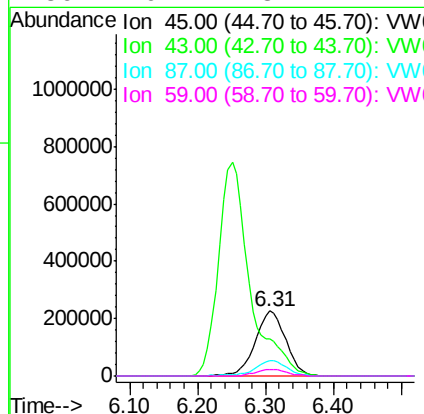
RT: 6.31 min Scan# 722

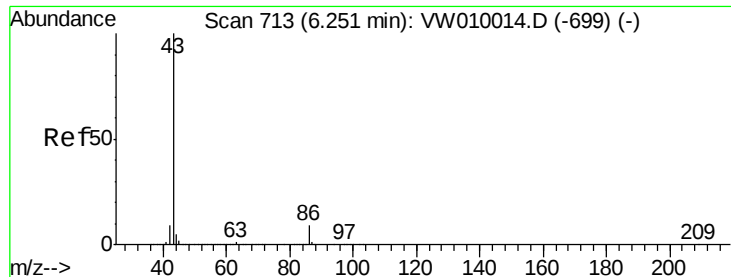
Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	45	Resp:	713947
Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.1	69.1
87	23.6	18.3	27.5
59	10.7	8.2	12.4





#23

Vinyl Acetate

Concen: 301.032 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2400007

Ion Ratio Lower Upper

43 100

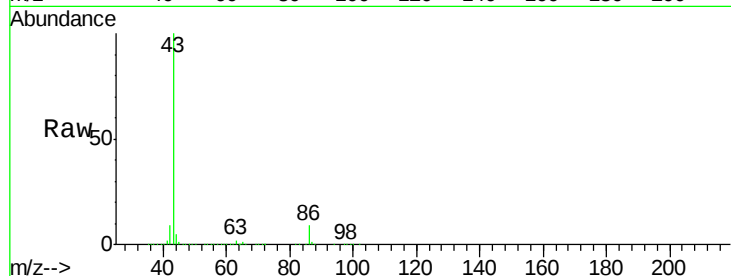
86 9.4 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

800000

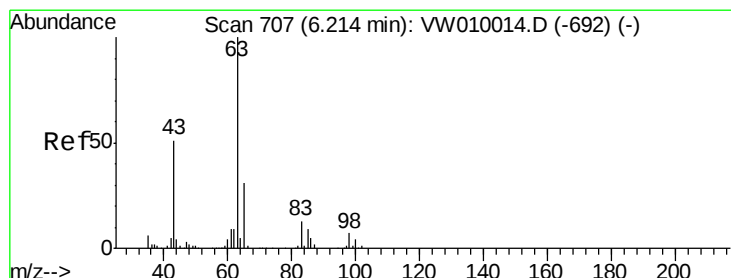
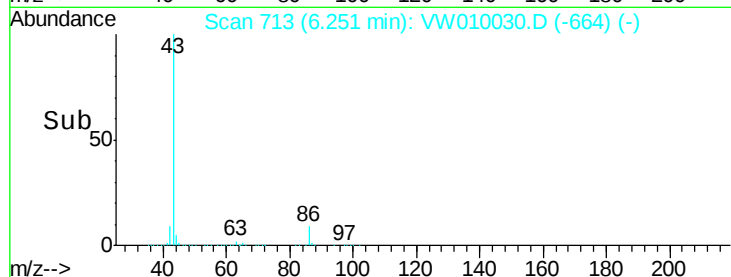
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.564 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

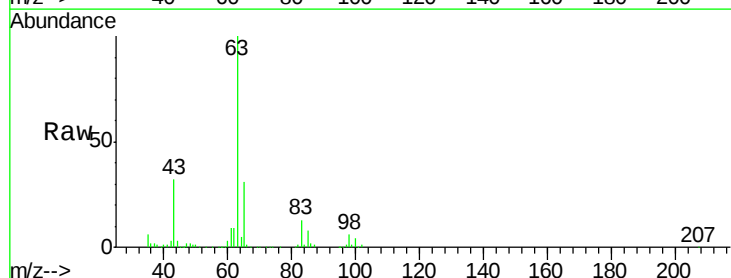
Tgt Ion: 63 Resp: 397963

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 3.7 2.0 6.0



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

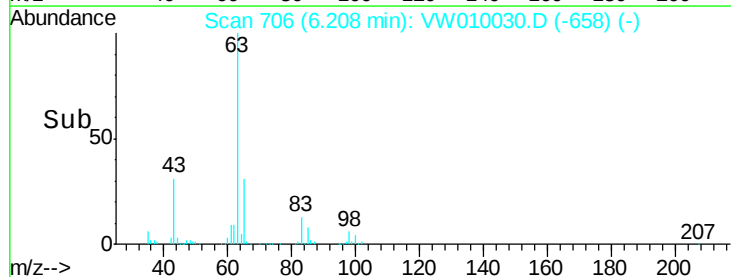
150000

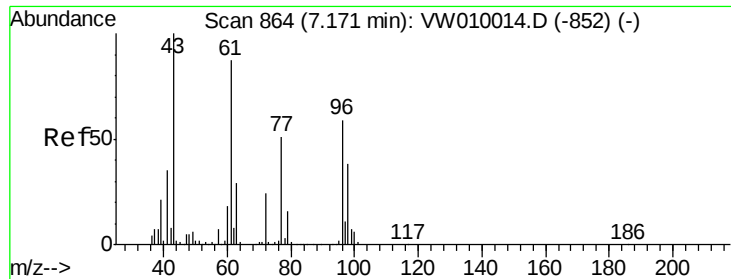
100000

50000

0

Time-->





#25

2-Butanone

Concen: 302.753 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 404521

Ion Ratio Lower Upper

43 100

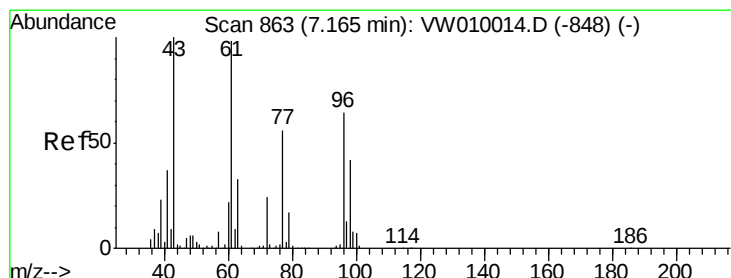
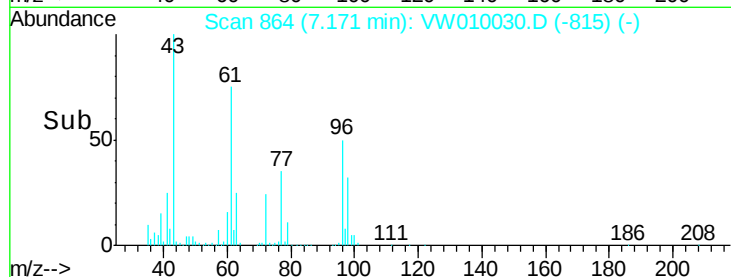
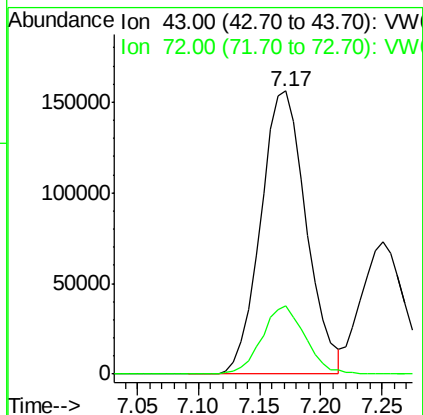
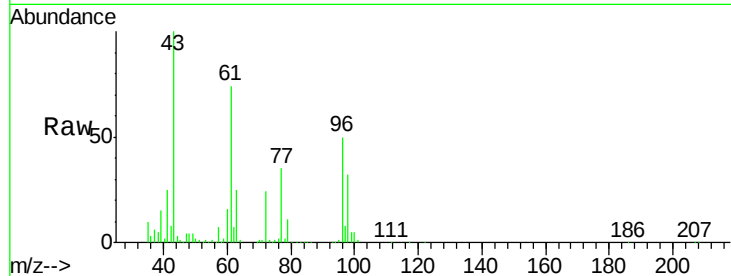
72 24.0 19.1 28.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.558 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010030.D

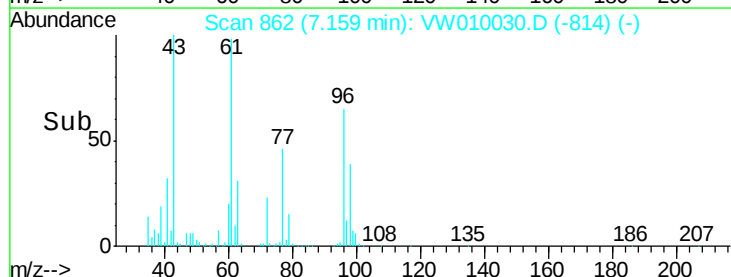
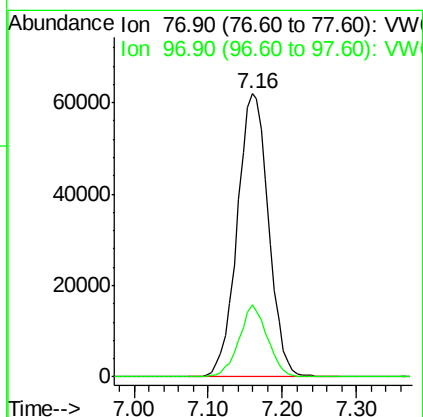
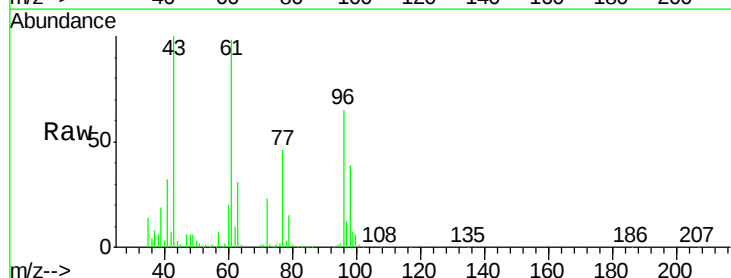
Acq: 17 Apr 2019 23:30

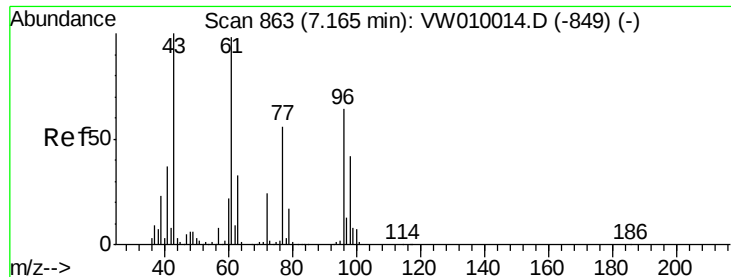
Tgt Ion: 77 Resp: 182451

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.9





#27

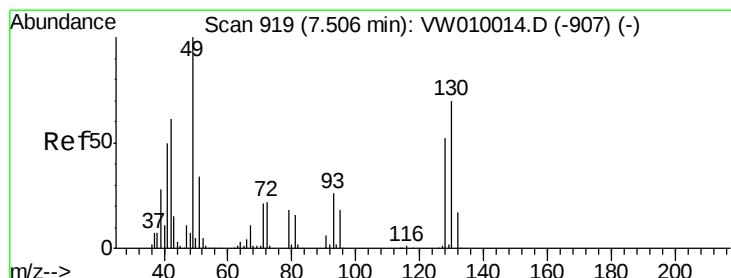
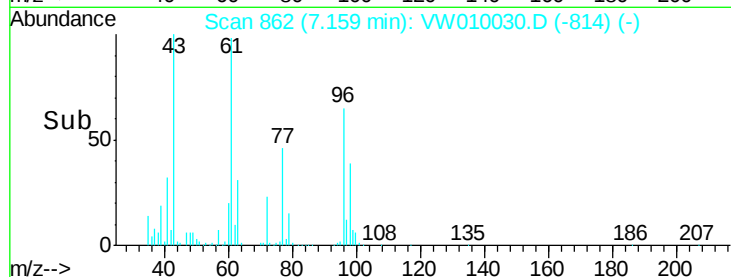
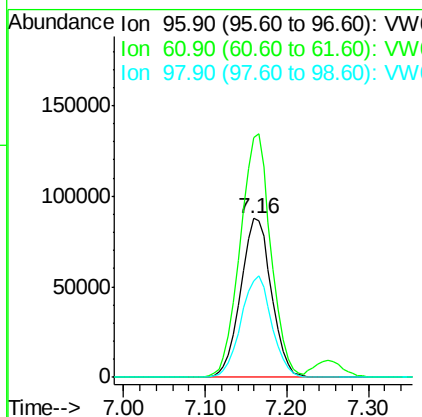
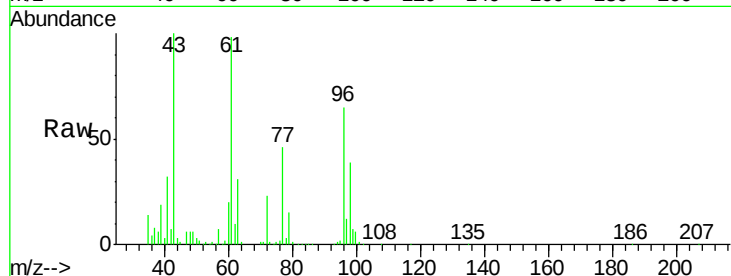
cis-1,2-Dichloroethene
Concen: 55.031 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	230162		
61	152.5	0.0	309.4	
98	63.7	0.0	128.6	

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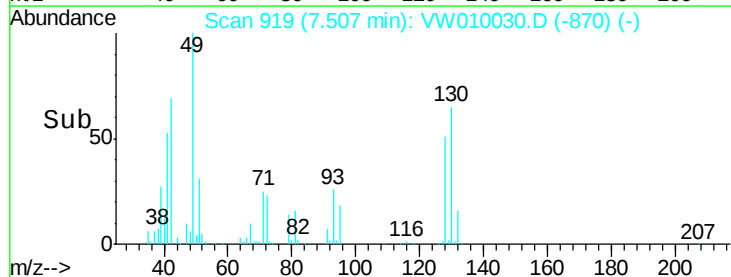
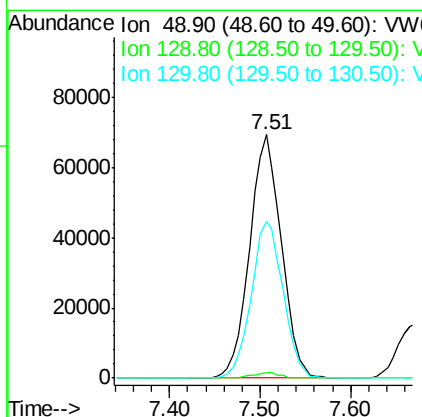
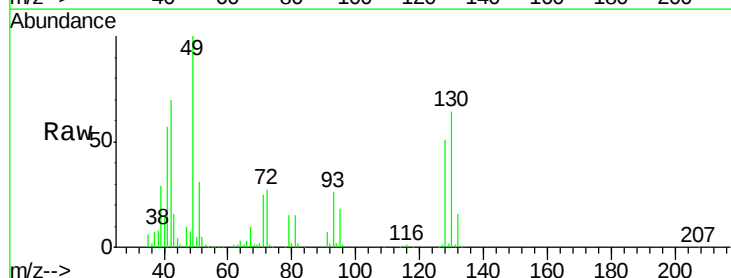
MMDadoda
4/18/2019 11:39:11 AM

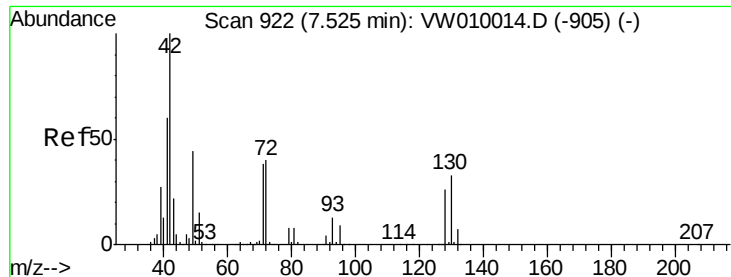


#28

Bromochloromethane
Concen: 54.210 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	167727		
129	2.0	0.0	3.8	
130	64.6	54.6	82.0	





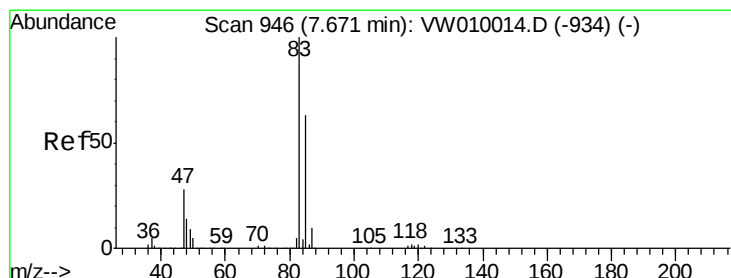
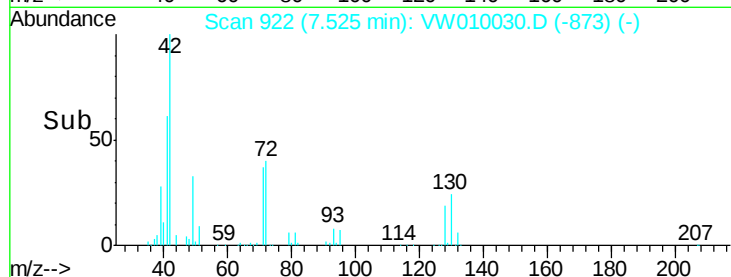
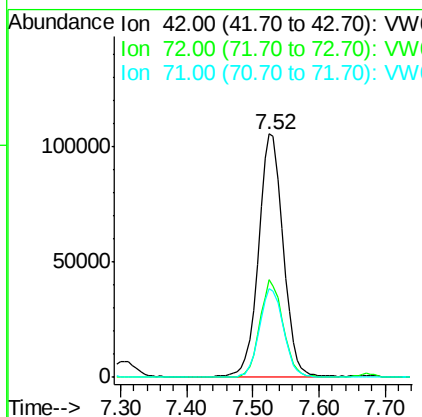
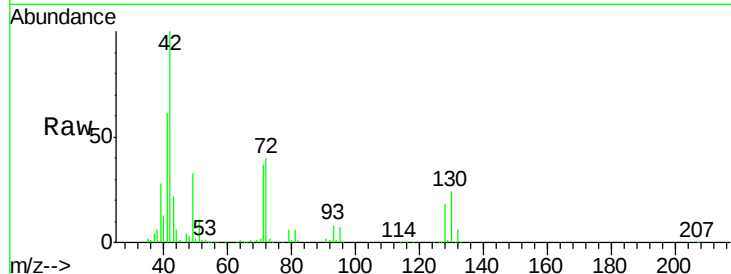
#29
Tetrahydrofuran
Concen: 321.844 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	272481
Ion	Ratio	Lower	Upper
42	100		
72	37.8	31.0	46.6
71	35.7	29.7	44.5

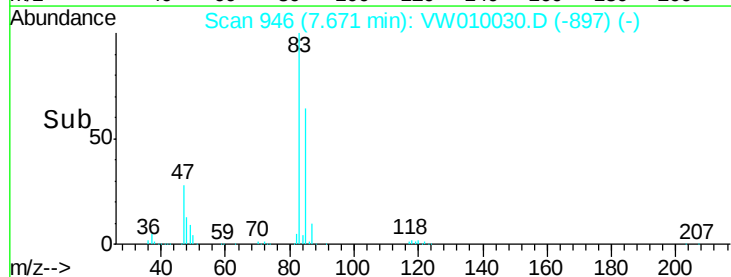
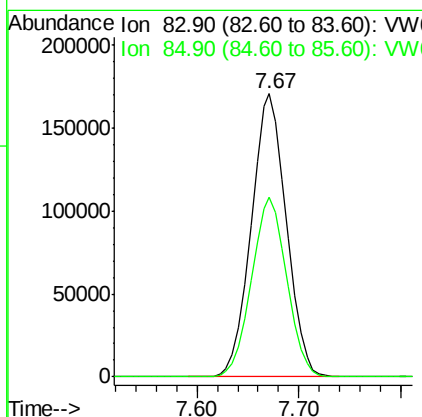
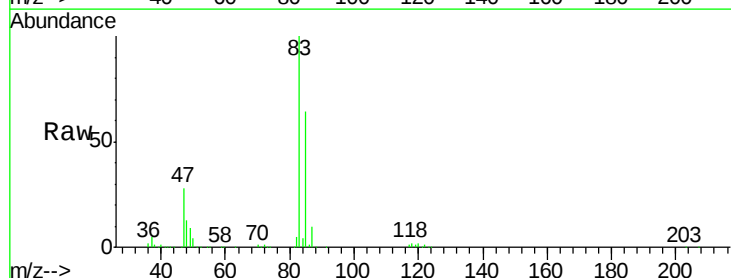
Manual Integrations
APPROVED

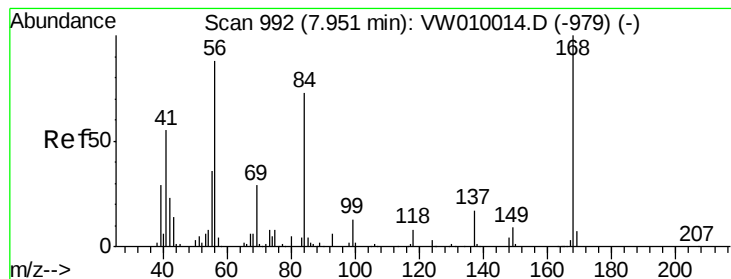
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#30
Chloroform
Concen: 53.609 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion:	83	Resp:	406691
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.7	76.1





#31

Cyclohexane

Concen: 48.953 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

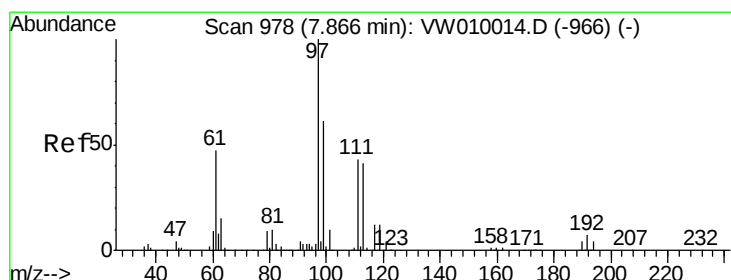
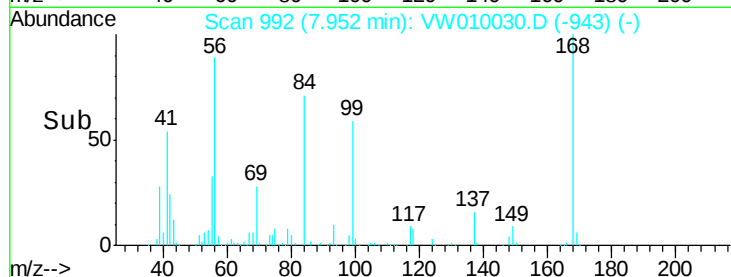
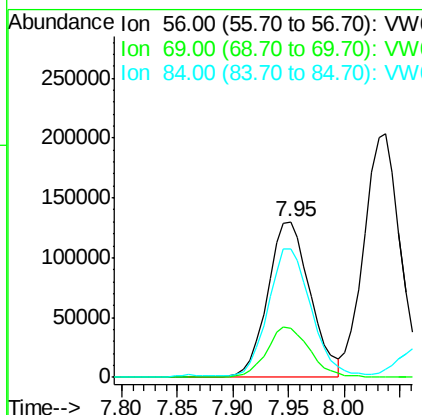
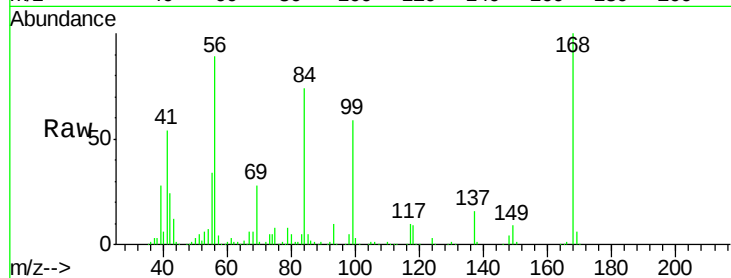
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	26.6	40.0
84	80.6	66.2	99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.563 ug/l

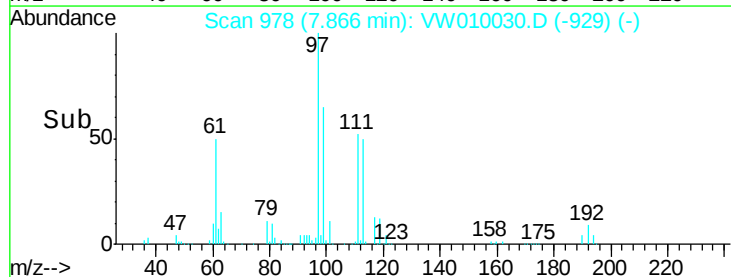
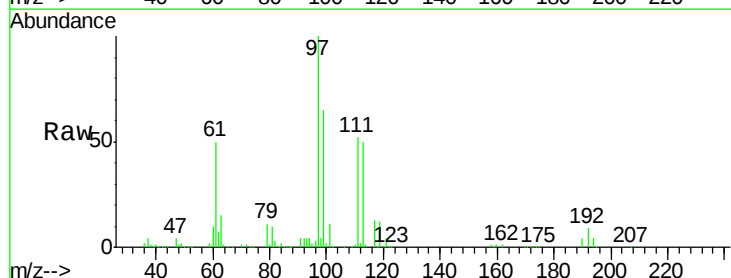
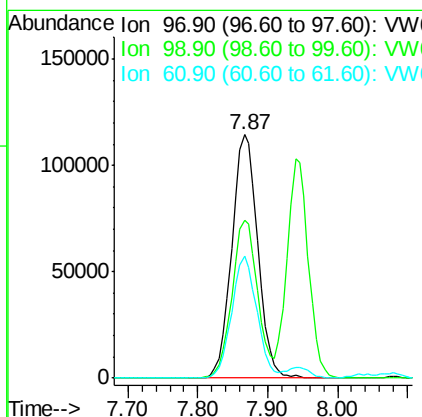
RT: 7.87 min Scan# 978

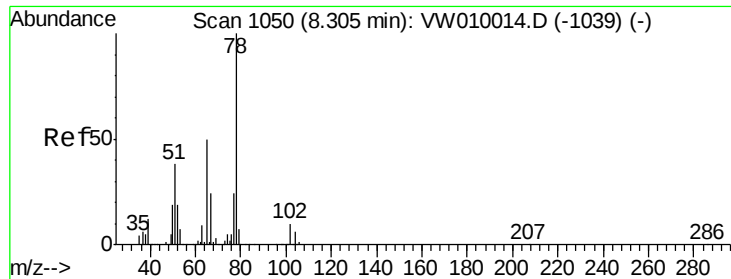
Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.2	75.2
61	48.6	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 57.199 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 250754

Ion Ratio Lower Upper

65 100

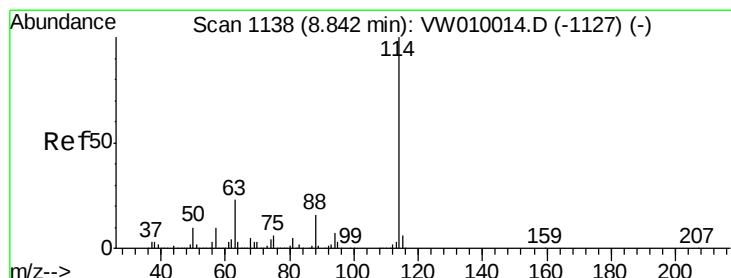
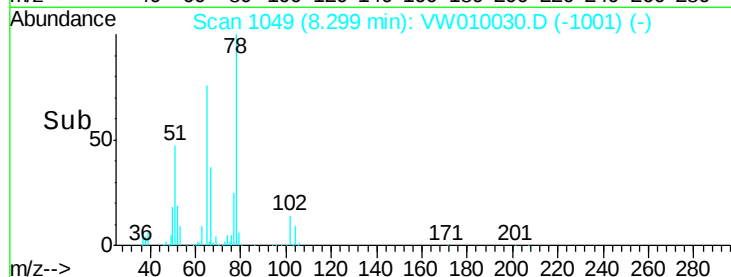
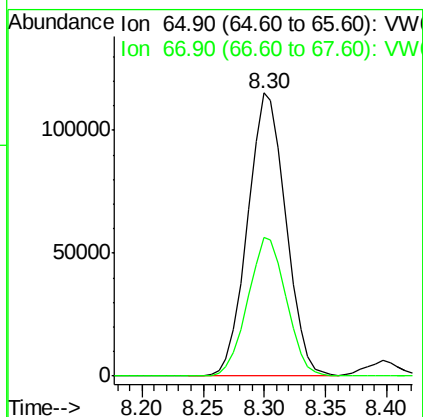
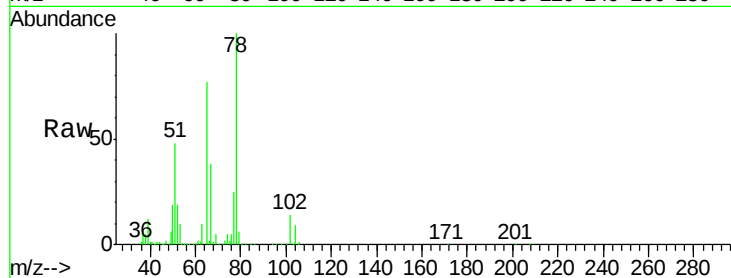
67 49.5 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

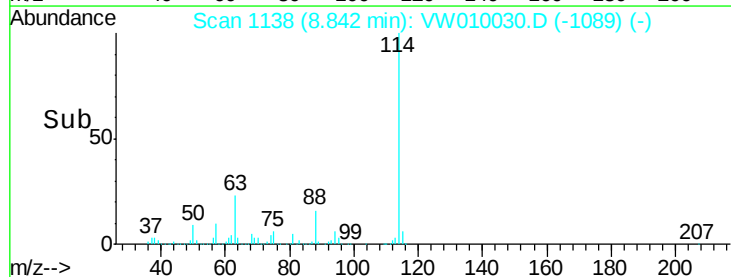
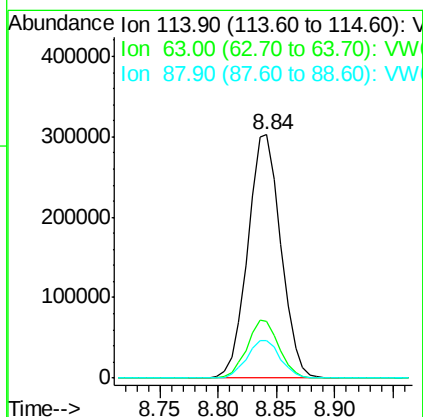
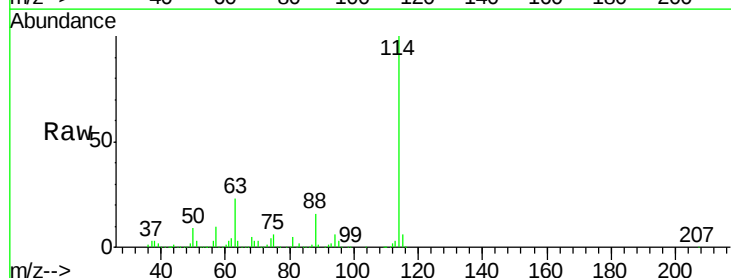
Tgt Ion: 114 Resp: 598563

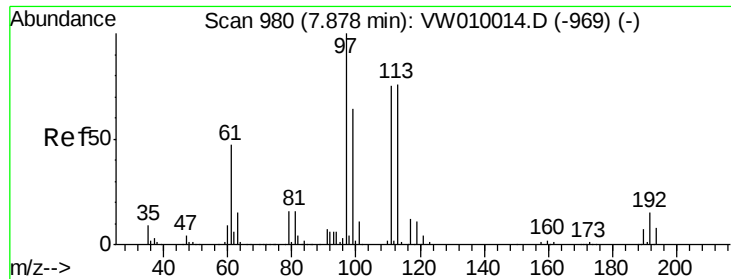
Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.2

88 15.6 0.0 32.6





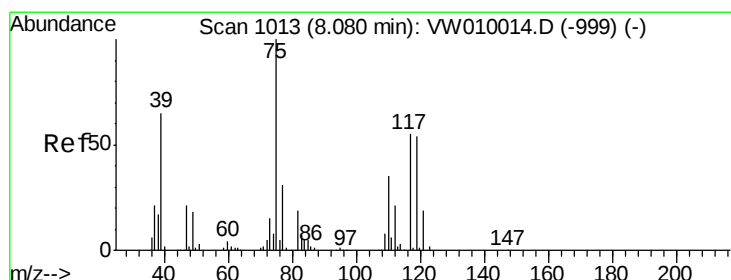
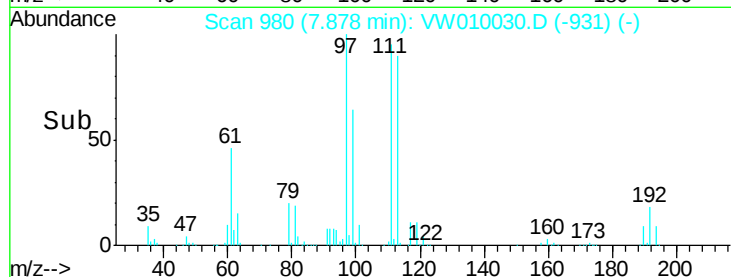
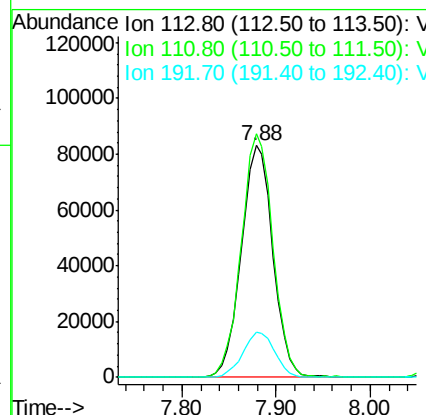
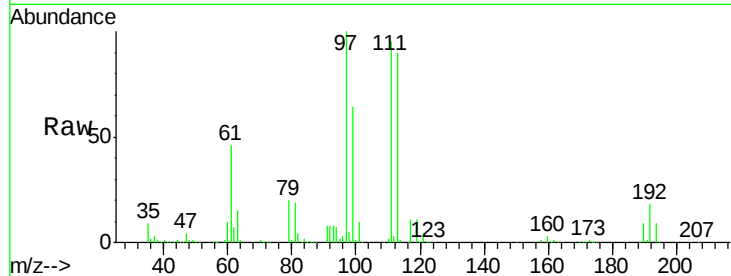
#35
 Dibromofluoromethane
 Concen: 51.237 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	194979		
111	105.4	82.6	123.8	
192	19.7	15.4	23.2	

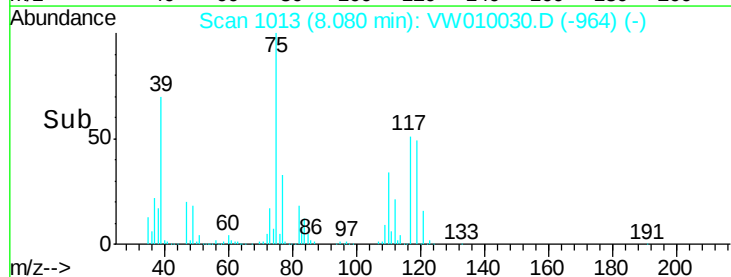
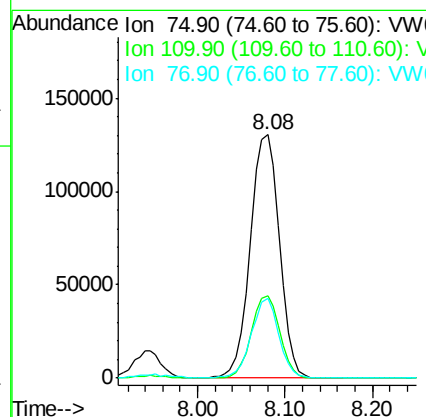
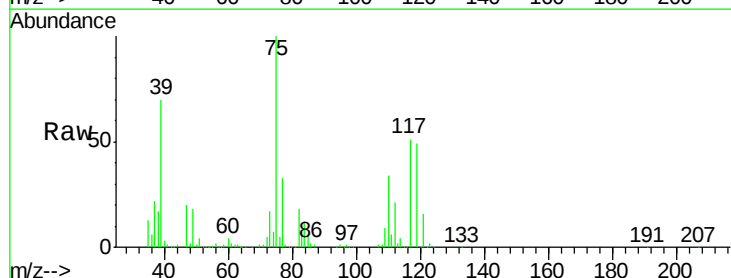
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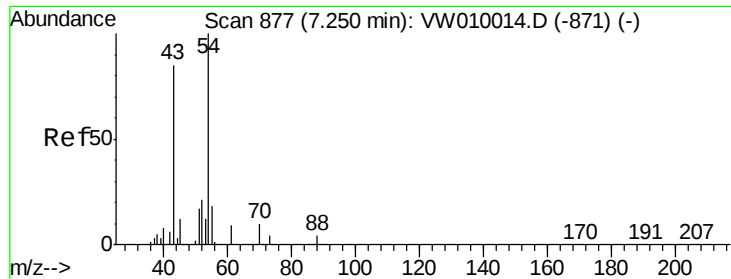
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#36
 1,1-Dichloropropene
 Concen: 49.461 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	302415		
110	32.9	16.6	49.8	
77	30.8	24.8	37.2	





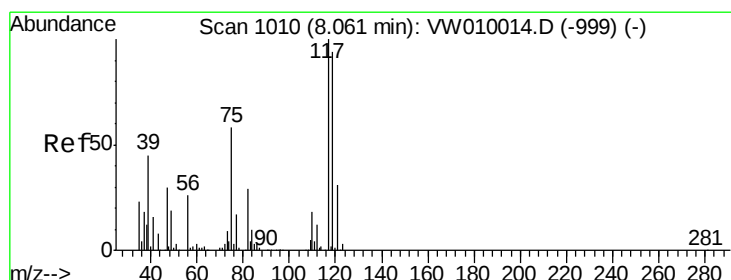
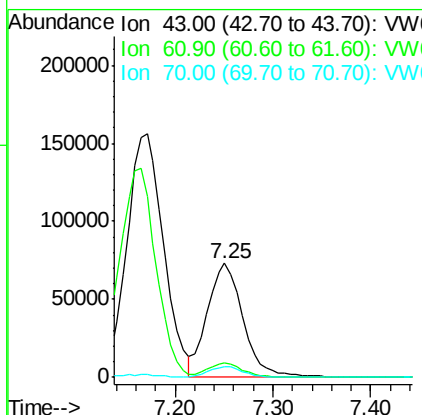
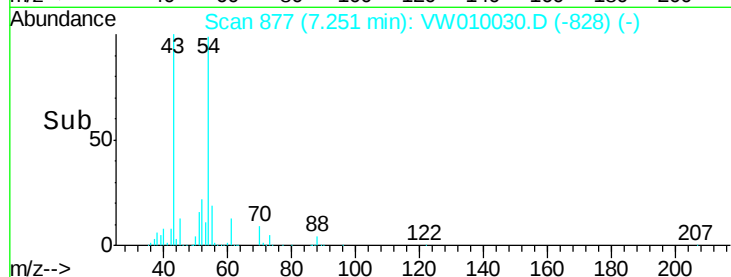
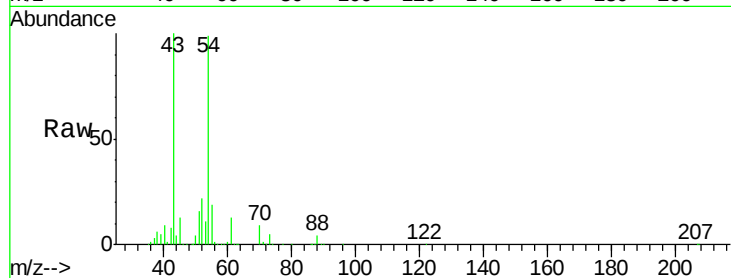
#37
Ethyl Acetate
Concen: 58.858 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	182866		
61	12.0		9.8	14.8
70	9.2		7.4	11.0

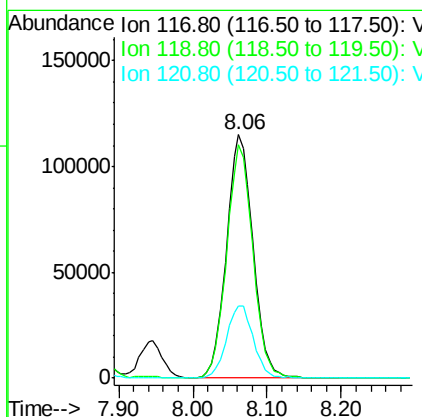
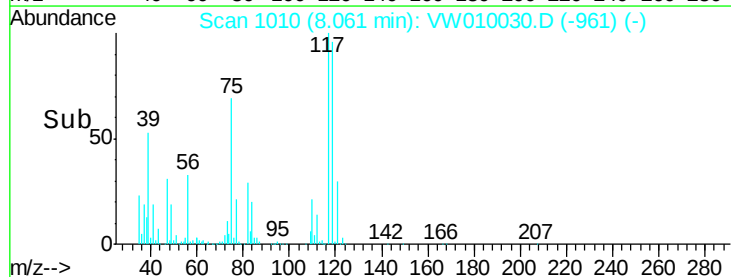
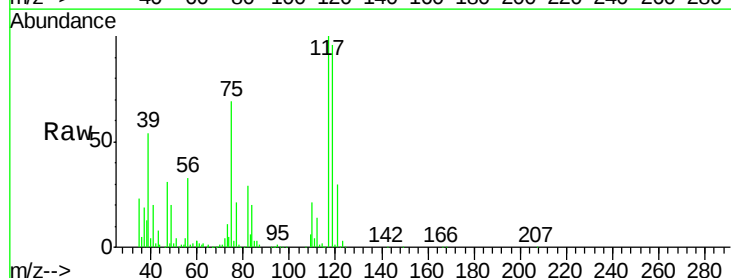
Manual Integrations
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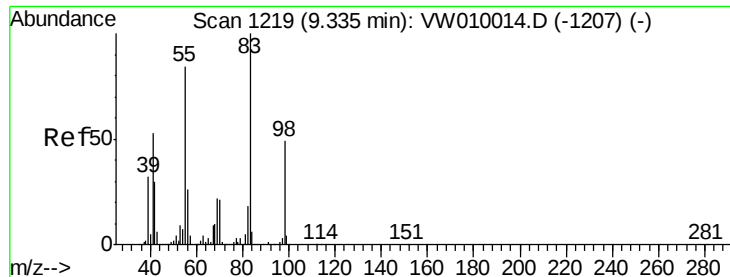
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#38
Carbon Tetrachloride
Concen: 47.940 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	286070		
119	95.8		75.3	112.9
121	29.7		24.4	36.6





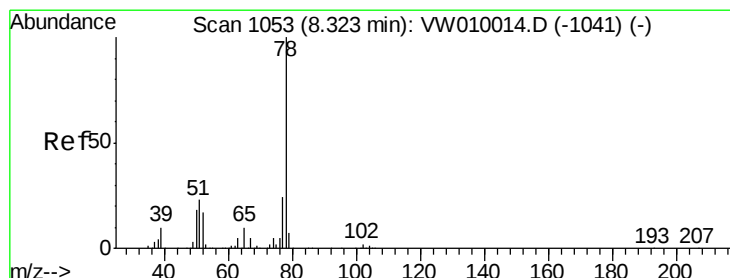
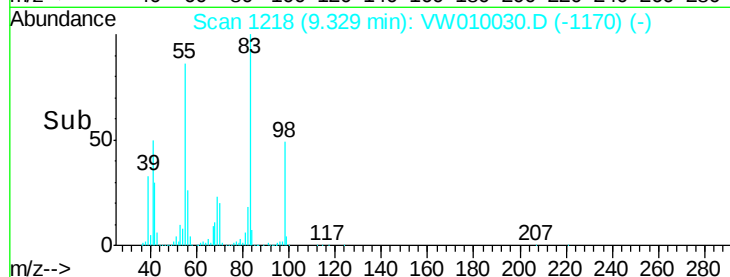
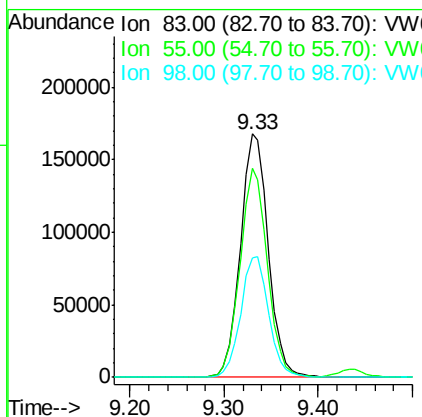
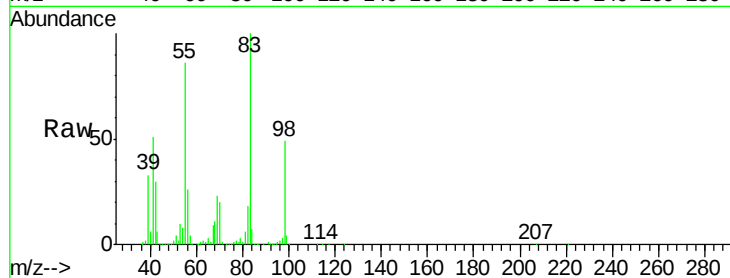
#39
Methvlcvclohexane
Concen: 46.628 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	67.1	100.7
98	49.3	39.2	58.8

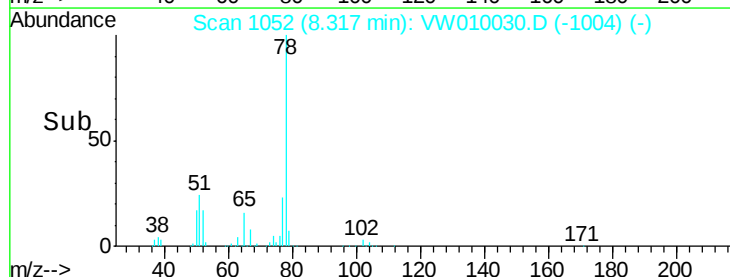
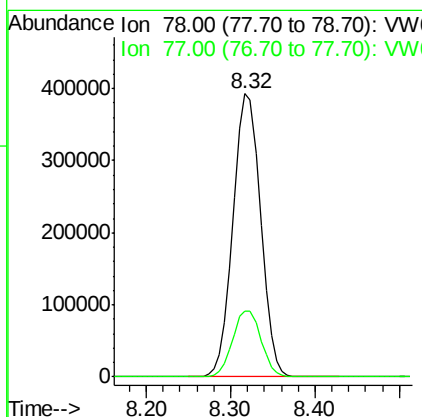
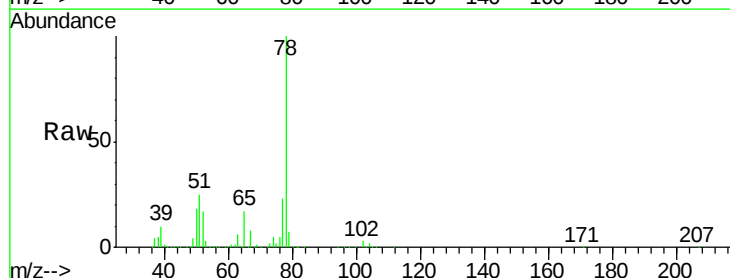
Manual Integrations
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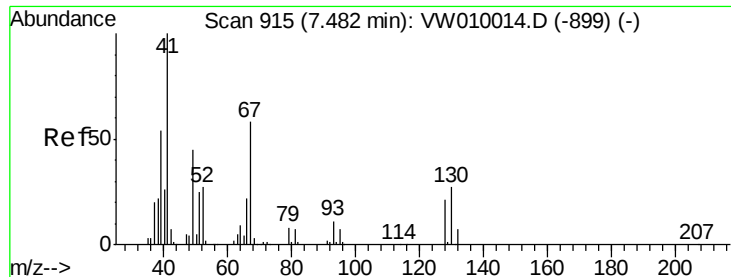
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#40
Benzene
Concen: 52.084 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.1	28.7





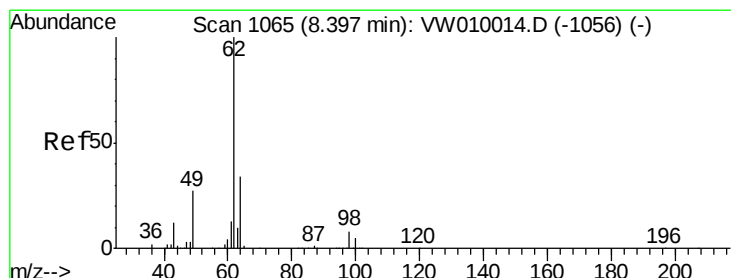
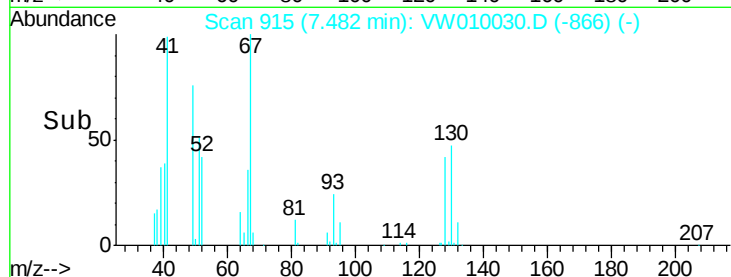
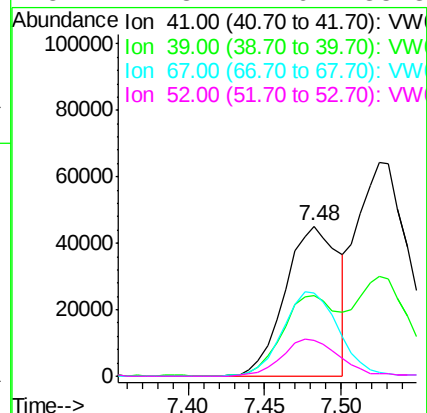
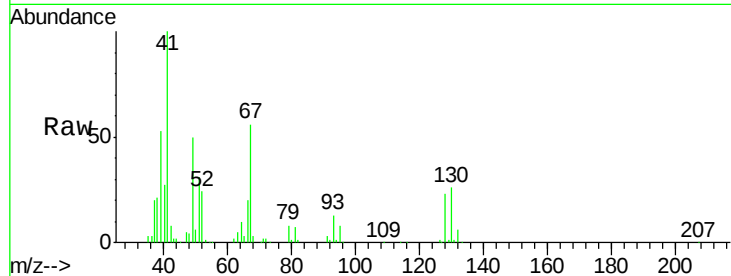
#41
Methacrylonitrile
Concen: 62.196 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.0	67.4
67	58.9	50.7	76.1
52	27.3	22.6	33.8

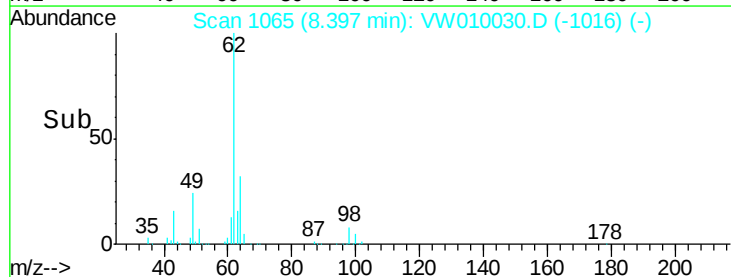
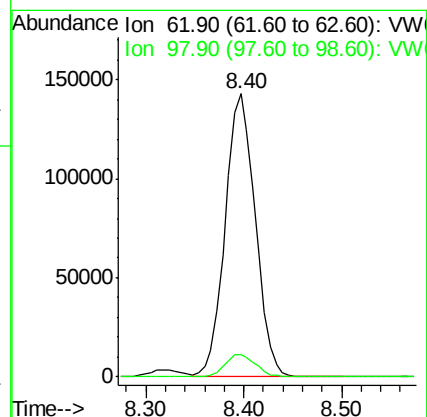
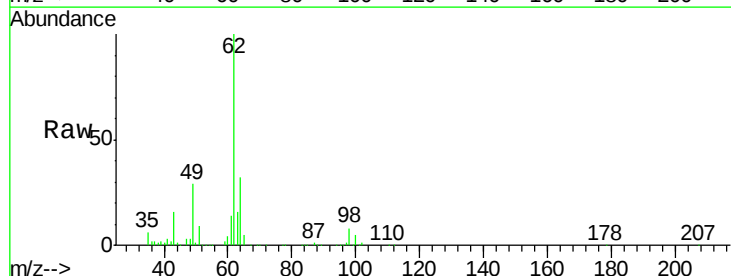
Manual Integrations
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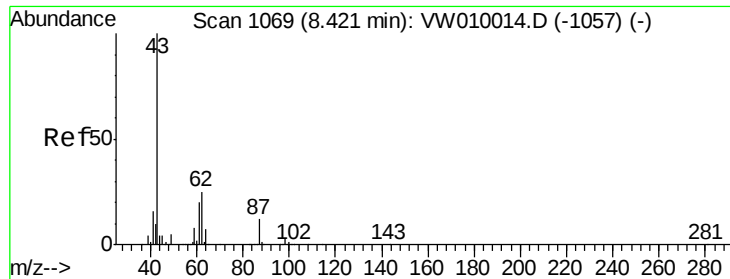
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.015 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 58.651 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

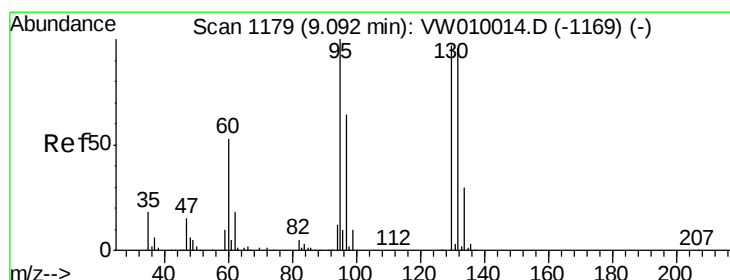
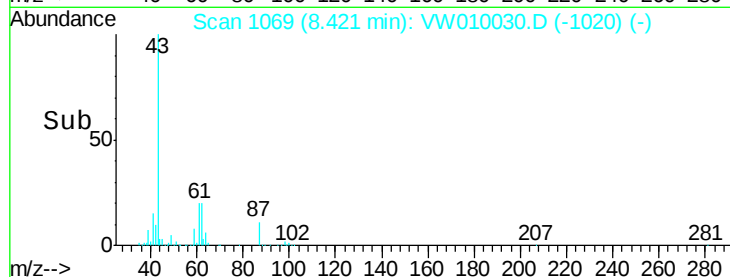
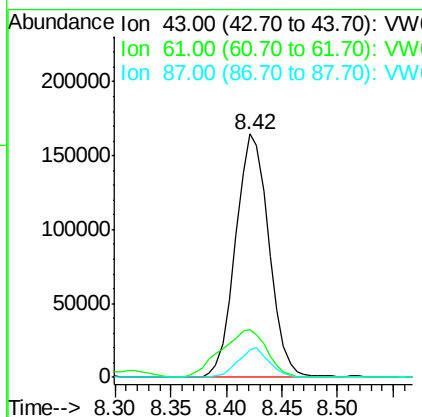
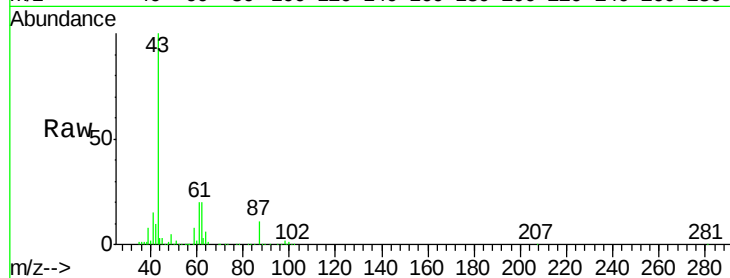
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	341469
Ion	Ratio	Lower	Upper
43	100		
61	26.8	23.0	34.6
87	11.4	9.3	13.9

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#44

Trichloroethene

Concen: 50.880 ug/l

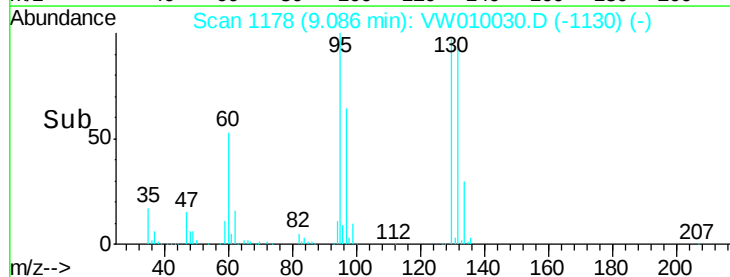
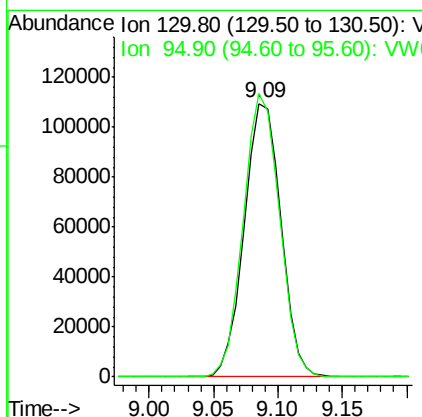
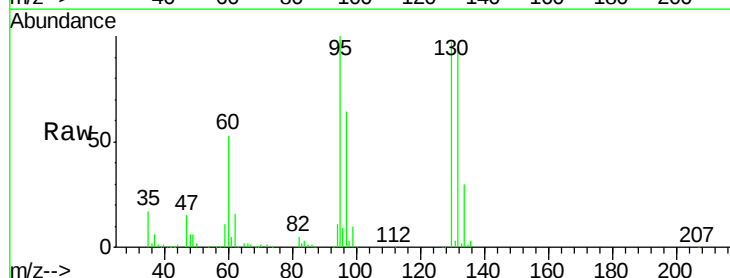
RT: 9.09 min Scan# 1178

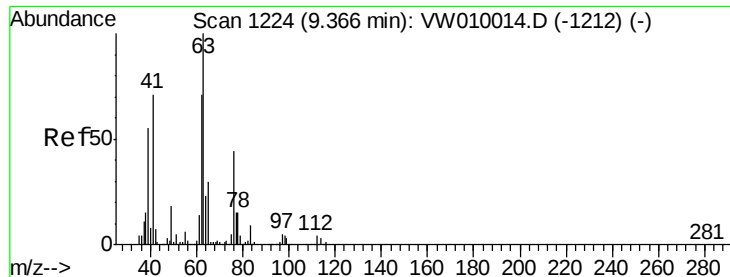
Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	130	Resp:	216042
Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	205.4





#45

1,2-Dichloropropane

Concen: 53.078 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 233239

Ion Ratio Lower Upper

63 100

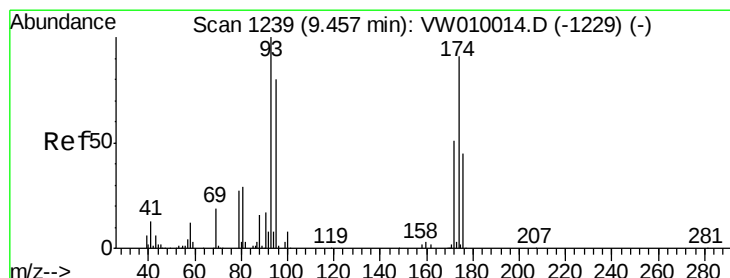
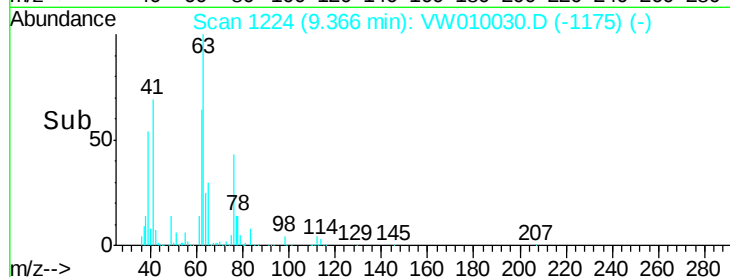
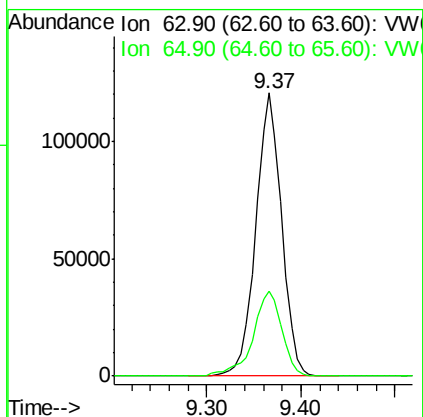
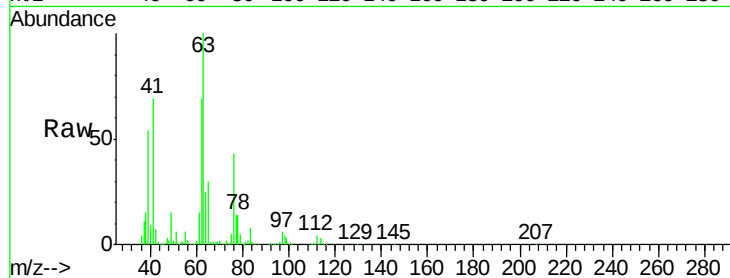
65 30.0 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 55.621 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

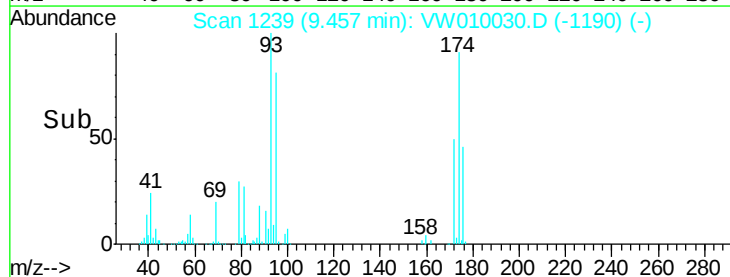
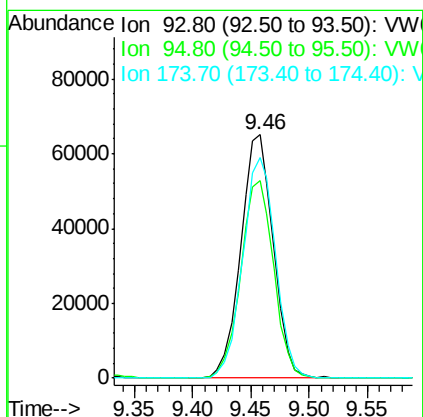
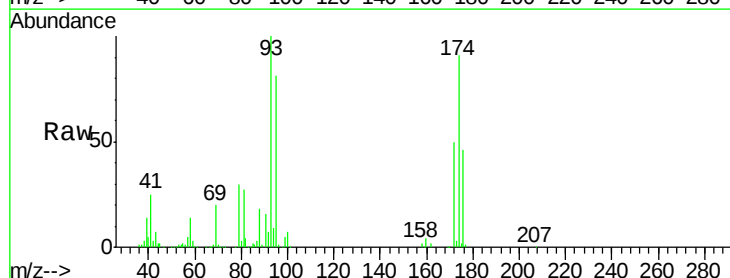
Tgt Ion: 93 Resp: 126680

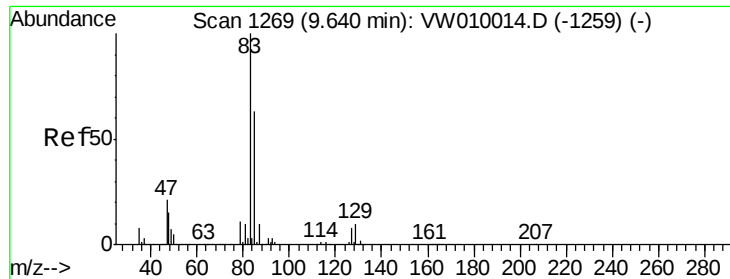
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

174 91.5 75.5 113.3





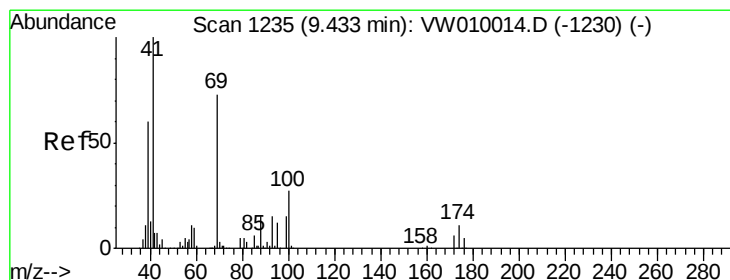
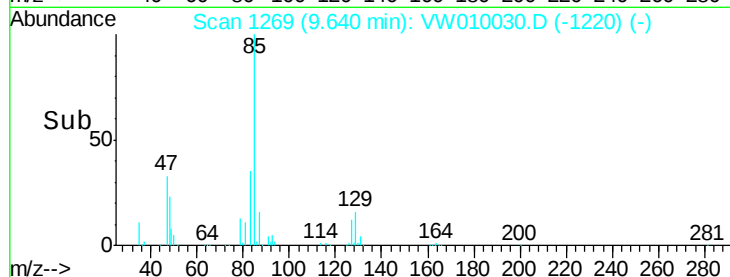
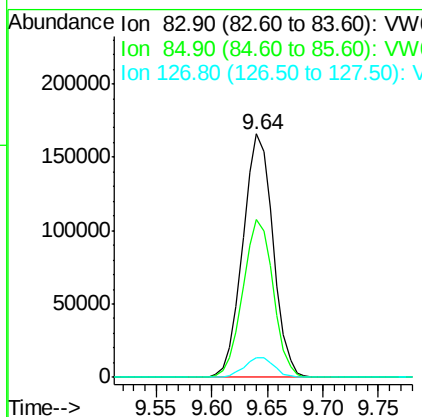
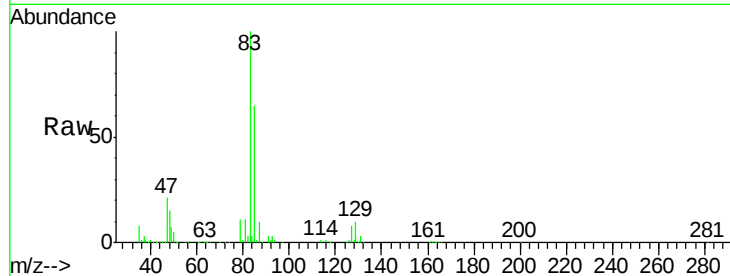
#47
Bromodichloromethane
Concen: 53.244 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	313036		
85	64.7	50.6	75.8	
127	7.9	6.6	10.0	

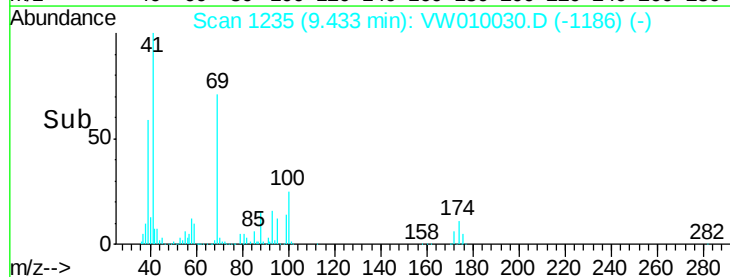
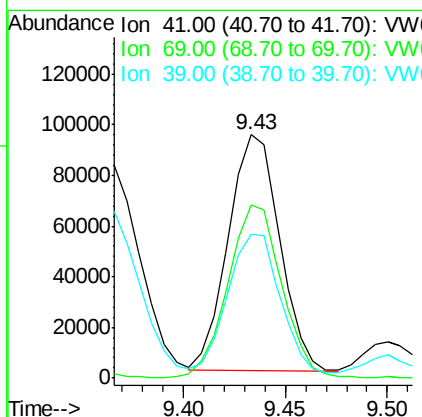
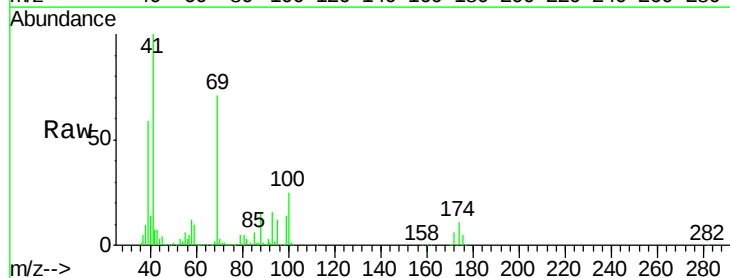
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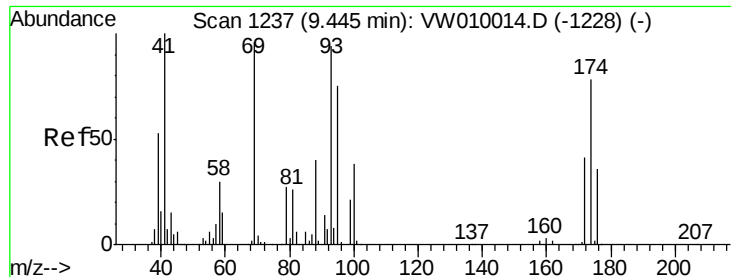
MMDadoda
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#48
Methyl methacrylate
Concen: 57.489 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	162924		
69	76.8	60.1	90.1	
39	64.3	51.0	76.6	





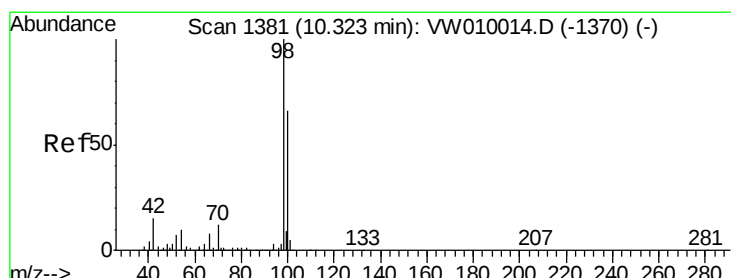
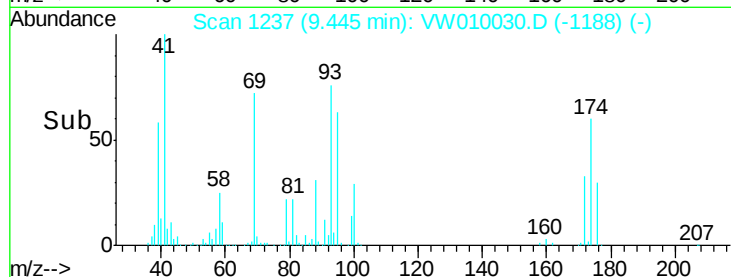
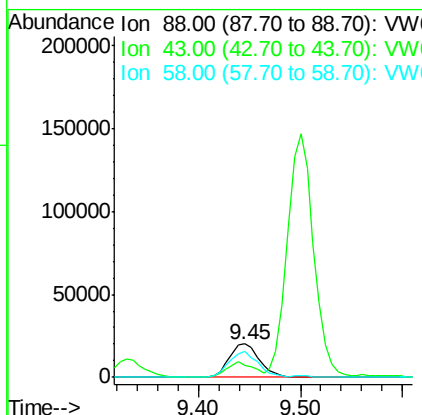
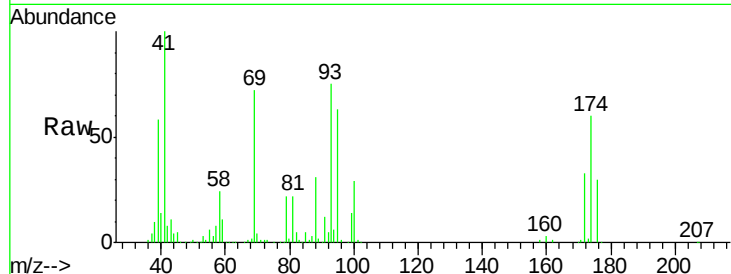
#49
1,4-Dioxane
Concen: 1196.472 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	31.9	47.9
58	76.3	61.8	92.6

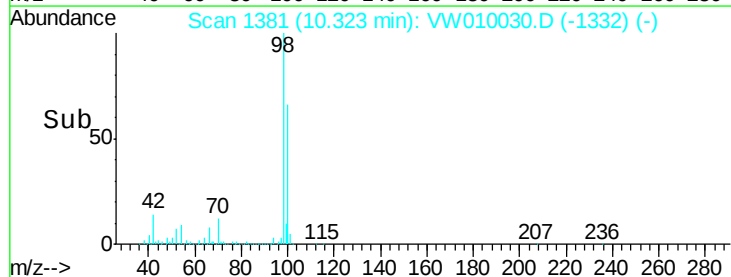
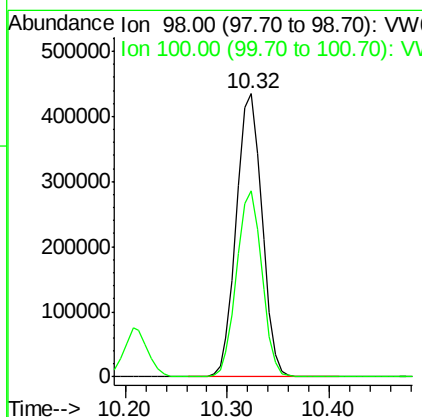
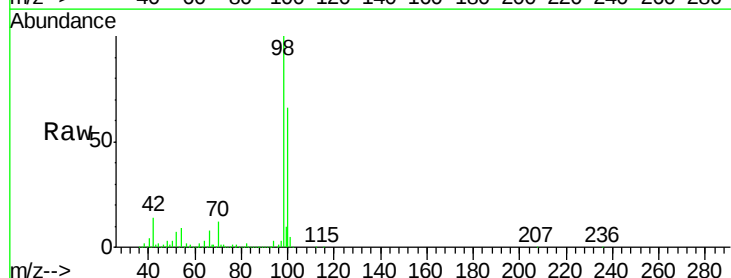
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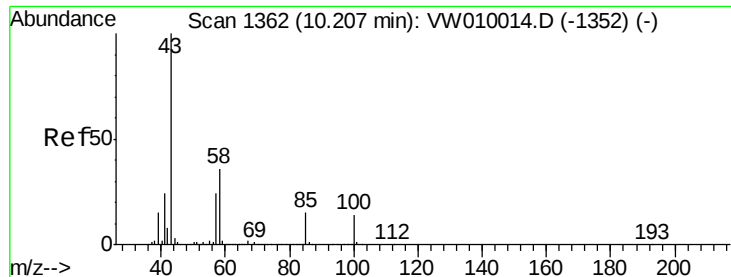
MMDadoda
4/18/2019 11:39:11 AM



#50
Toluene-d8
Concen: 53.266 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 302.317 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 921859

Ion Ratio Lower Upper

43 100

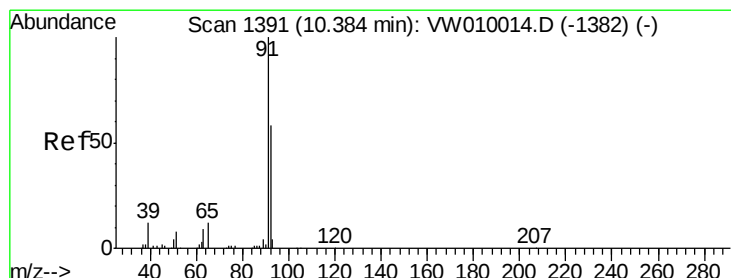
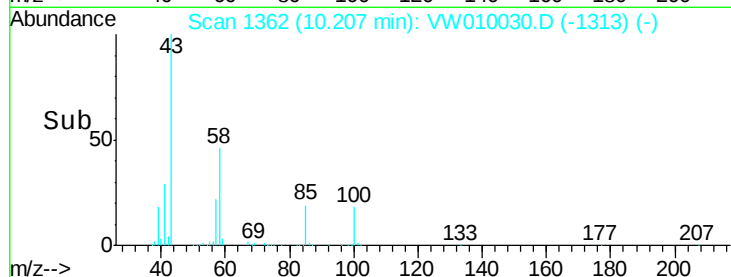
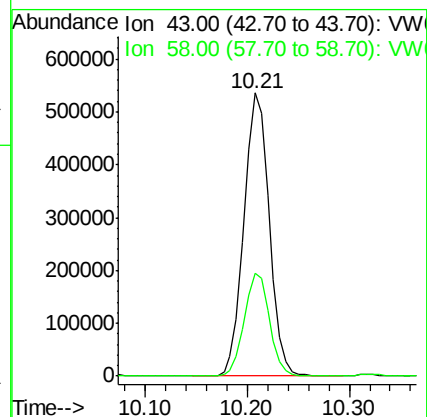
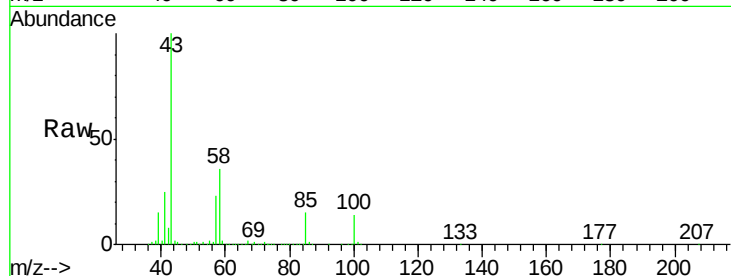
58 36.1 28.9 43.3

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#52

Toluene

Concen: 52.893 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010030.D

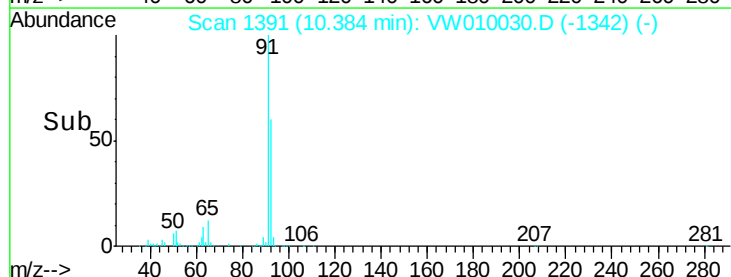
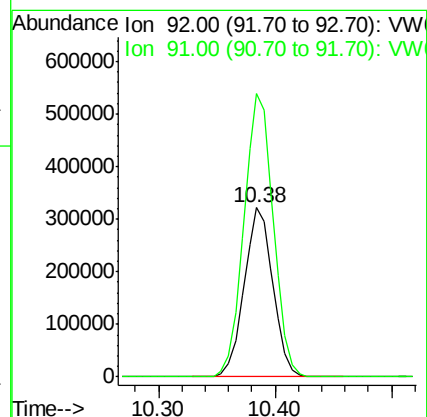
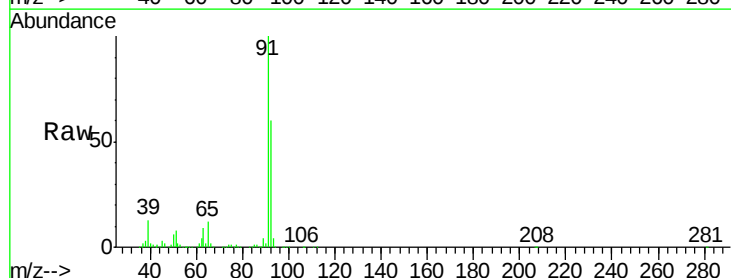
Acq: 17 Apr 2019 23:30

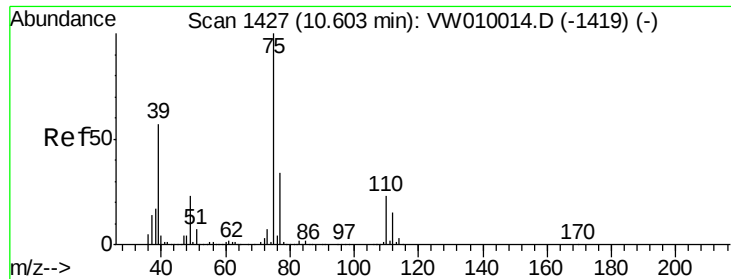
Tgt Ion: 92 Resp: 550821

Ion Ratio Lower Upper

92 100

91 171.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 53.943 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 314438

Ion Ratio Lower Upper

75 100

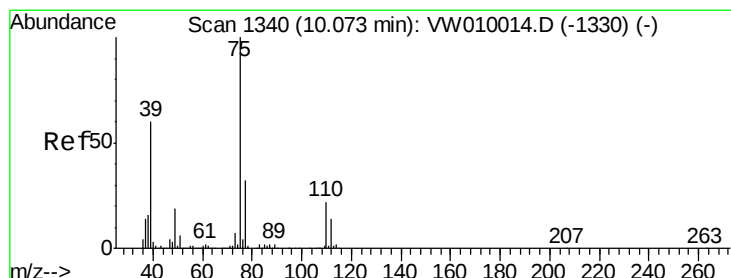
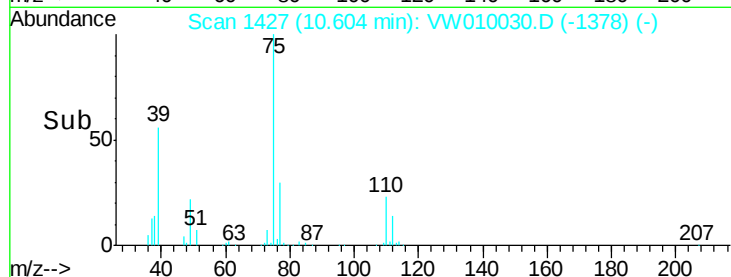
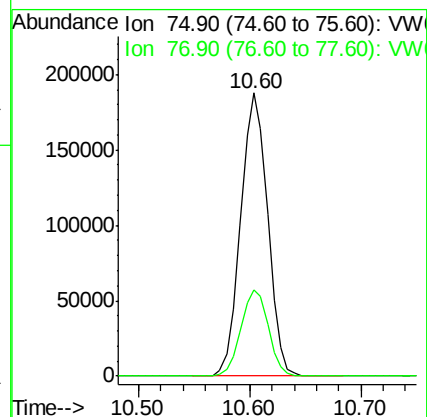
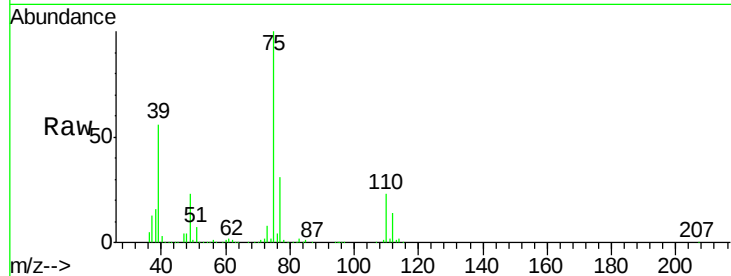
77 30.5 26.9 40.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 53.648 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

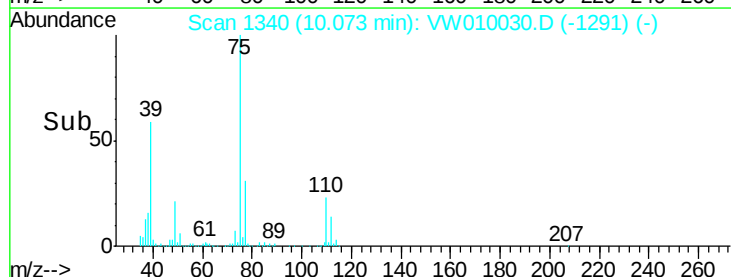
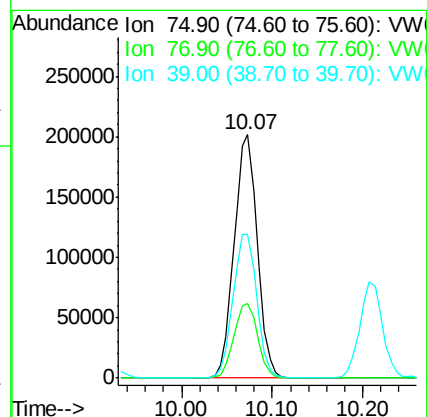
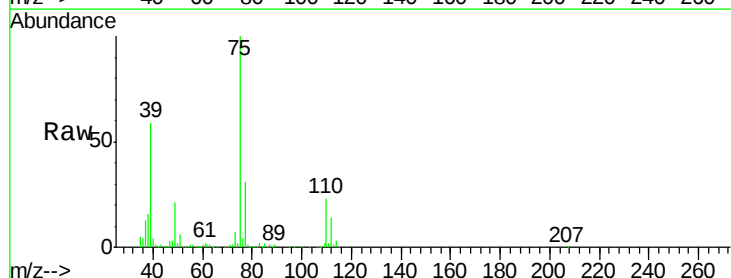
Tgt Ion: 75 Resp: 357080

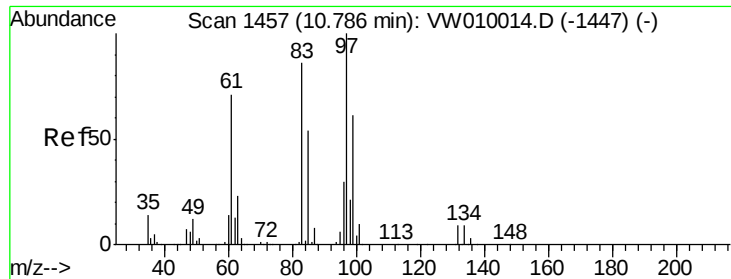
Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4

39 59.0 47.8 71.6





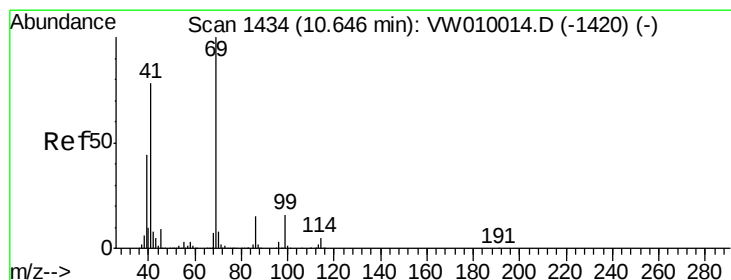
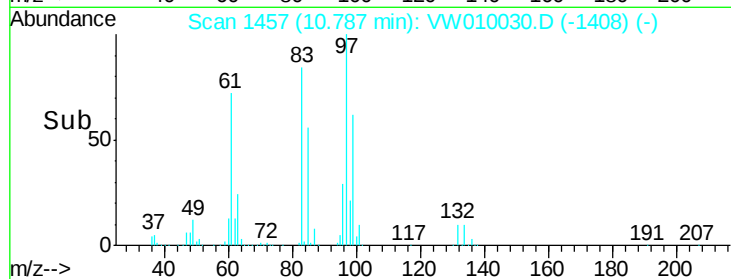
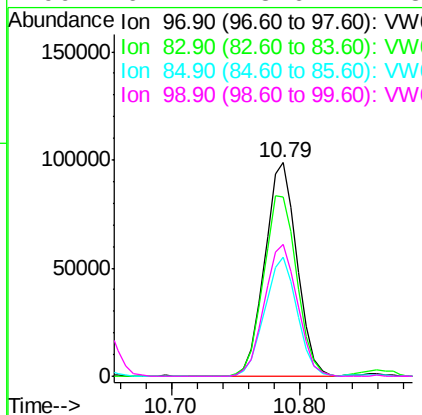
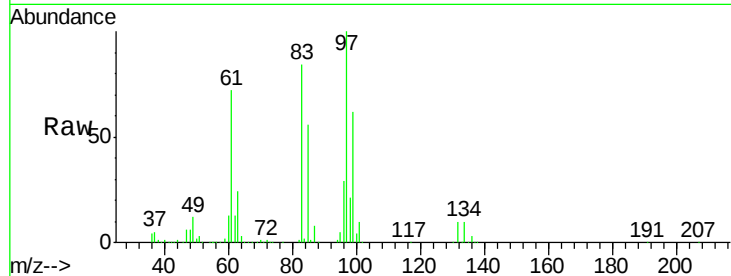
#55
 1,1,2-Trichloroethane
 Concen: 53.870 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	171246
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.9	103.3
85	55.9	42.9	64.3
99	61.7	48.6	72.8

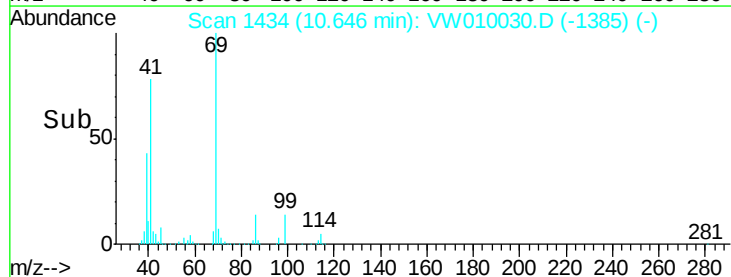
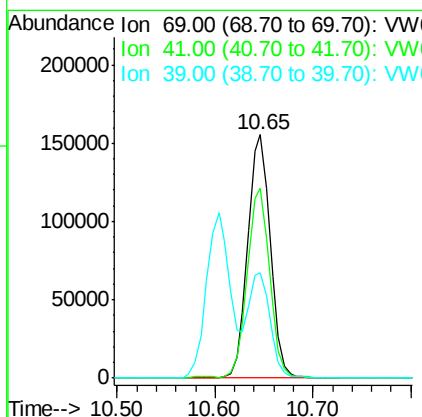
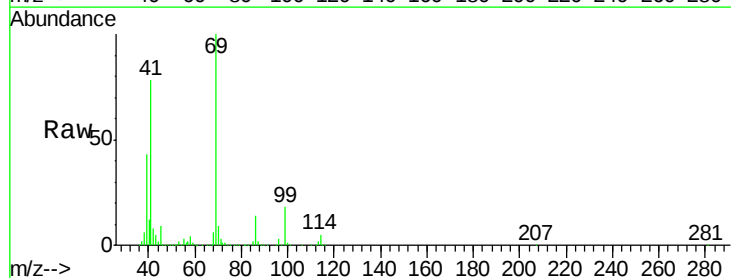
Manual Integrations
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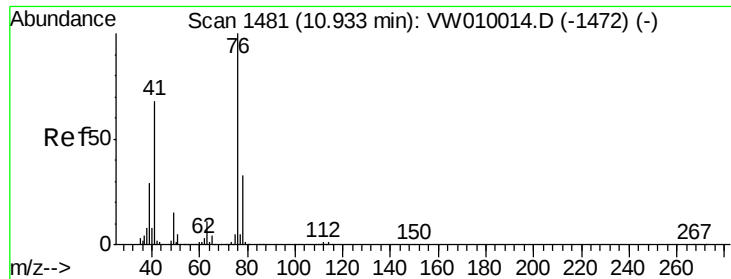
MMDadoda
 4/18/2019 11:39:11 AM



#56
 Ethyl methacrylate
 Concen: 56.116 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion:	69	Resp:	249214
Ion	Ratio	Lower	Upper
69	100		
41	76.7	61.0	91.6
39	39.9	33.8	50.6





#57

1,3-Dichloropropane

Concen: 54.918 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 312905

Ion Ratio Lower Upper

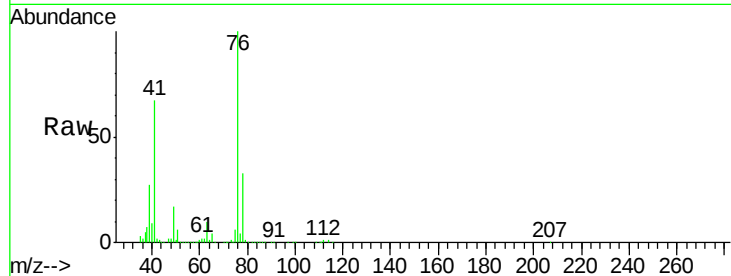
76 100

78 32.6 25.8 38.8

Manual Integrations
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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

10.93

200000

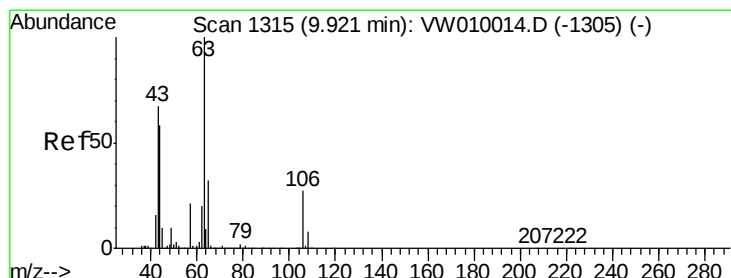
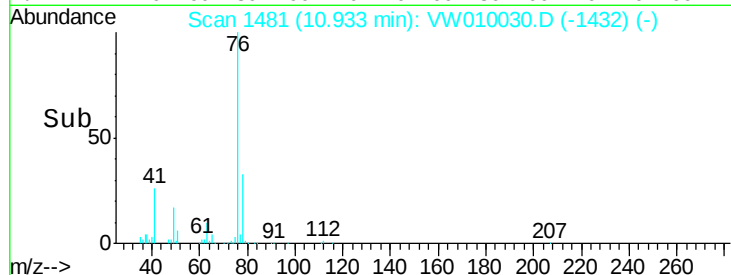
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 294.349 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010030.D

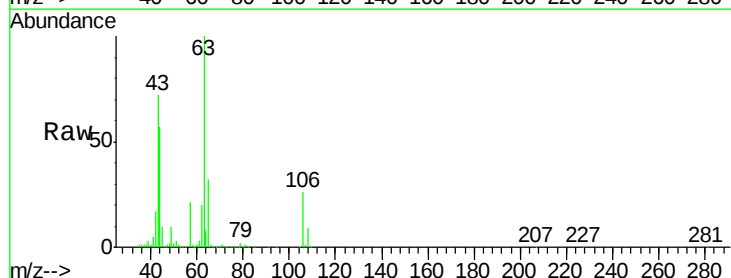
Acq: 17 Apr 2019 23:30

Tgt Ion: 63 Resp: 559115

Ion Ratio Lower Upper

63 100

106 26.7 21.4 32.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

9.92

400000

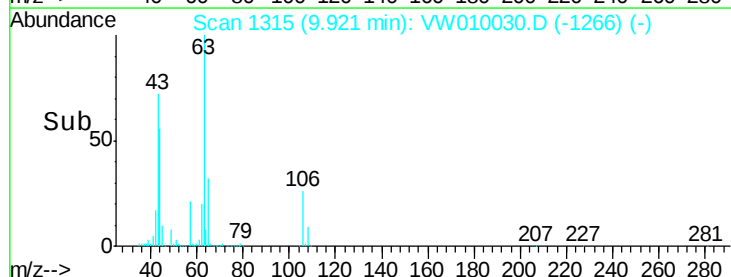
300000

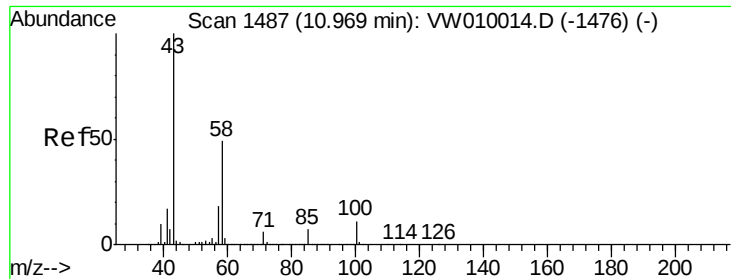
200000

100000

0

Time-->





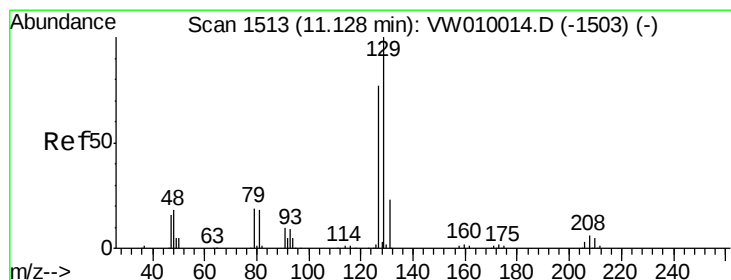
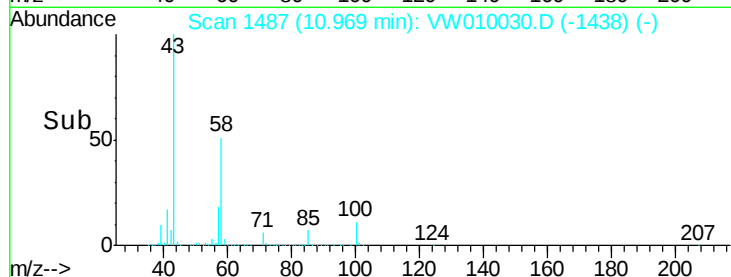
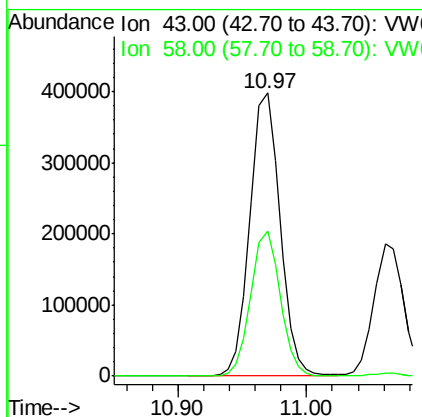
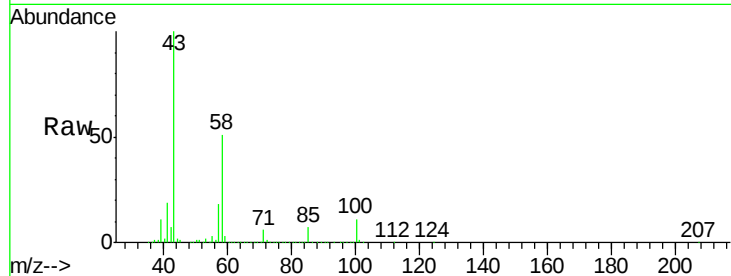
#59
2-Hexanone
Concen: 303.013 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 643191
Ion Ratio Lower Upper
43 100
58 50.1 24.9 74.7

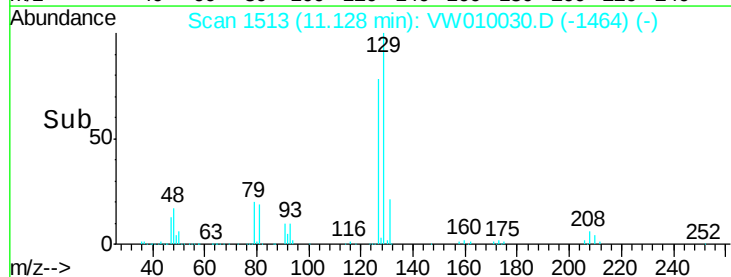
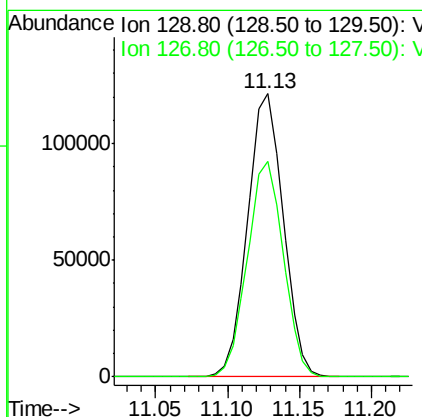
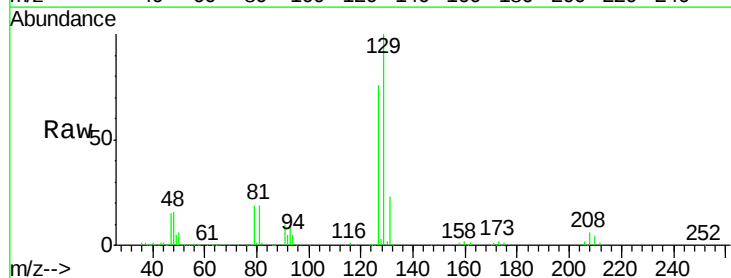
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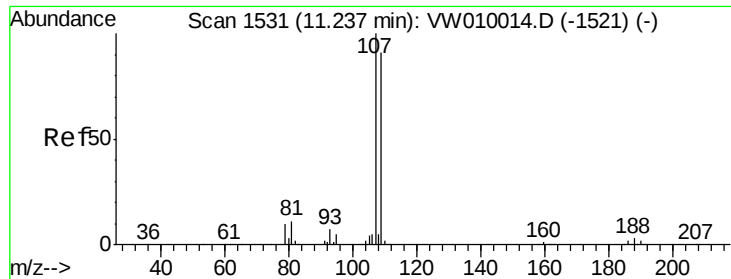
MMDadoda
4/18/2019 11:39:11 AM



#60
Dibromochloromethane
Concen: 56.516 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion: 129 Resp: 207646
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





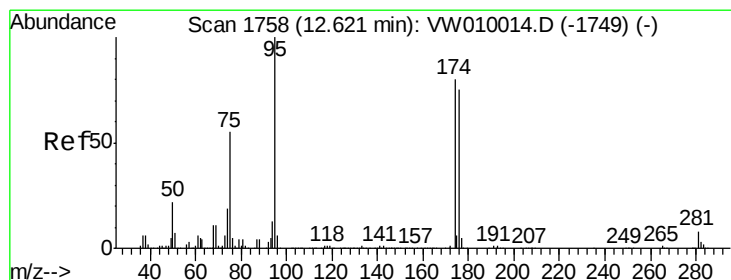
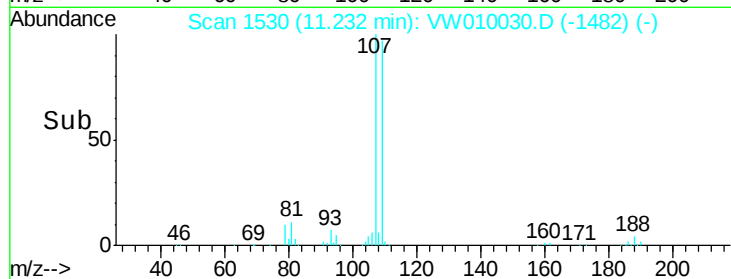
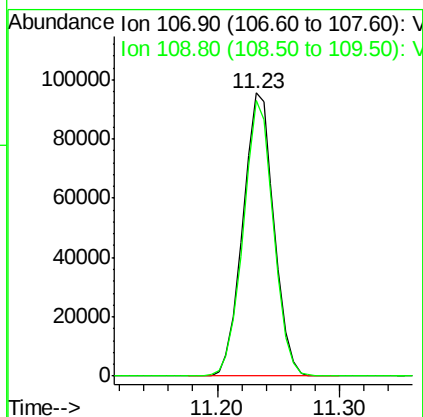
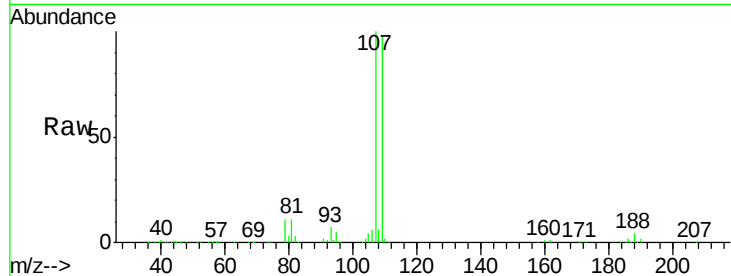
#61
 1,2-Dibromoethane
 Concen: 55.579 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	168070		
109	94.6	73.6	110.4	

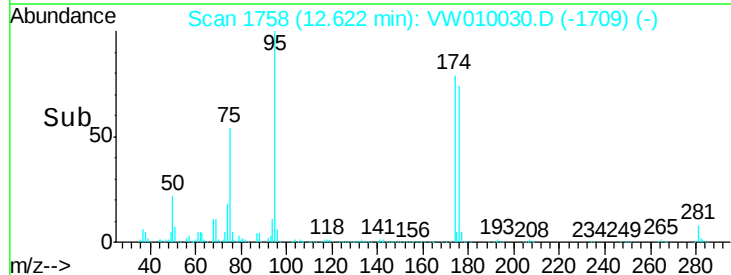
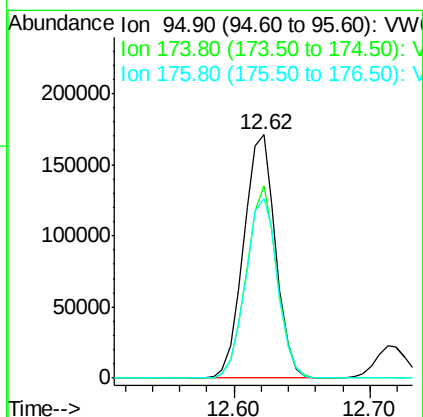
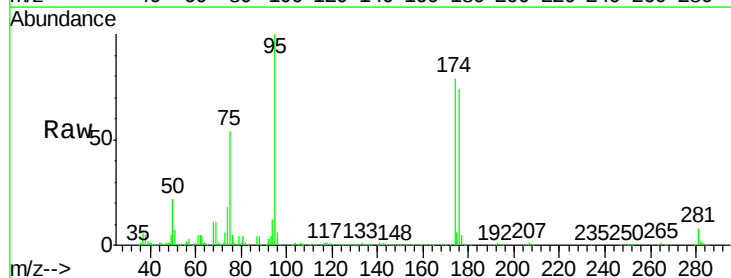
Manual Integrations
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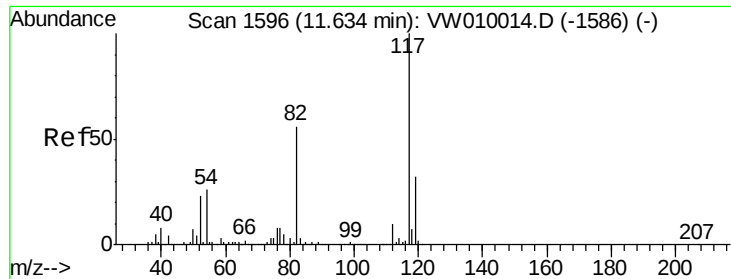
MMDadoda
 4/18/2019 11:39:11 AM



#62
 4-Bromofluorobenzene
 Concen: 53.851 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	279128		
174	76.1	0.0	151.4	
176	74.3	0.0	146.2	





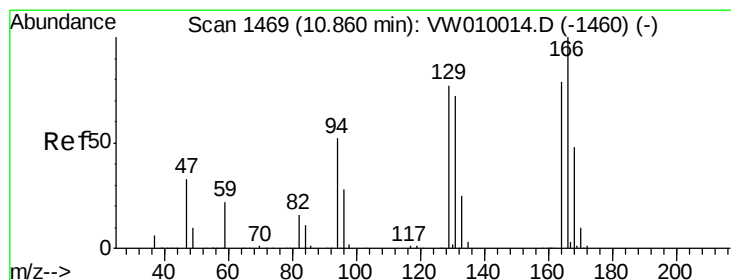
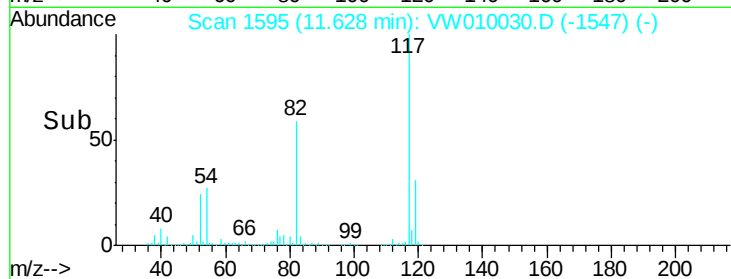
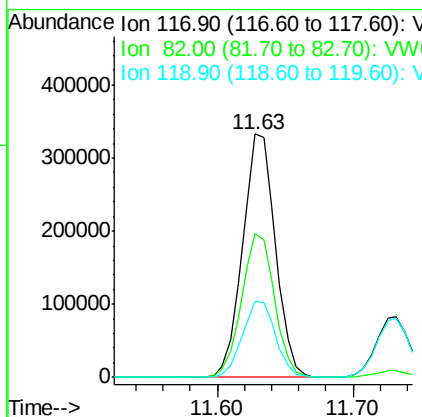
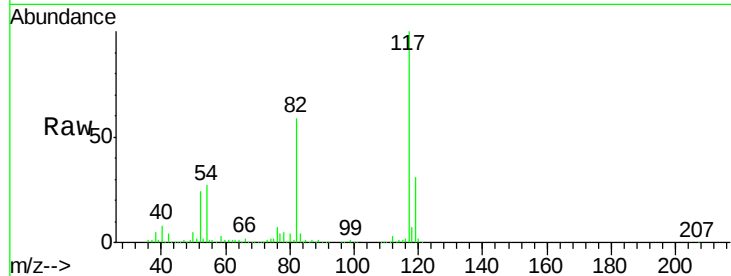
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	560440		
82	59.1	45.2	67.8	
119	31.4	25.4	38.2	

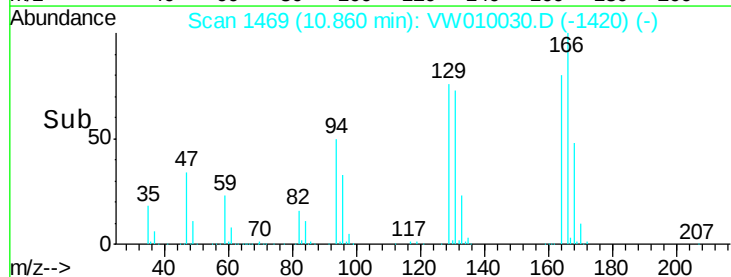
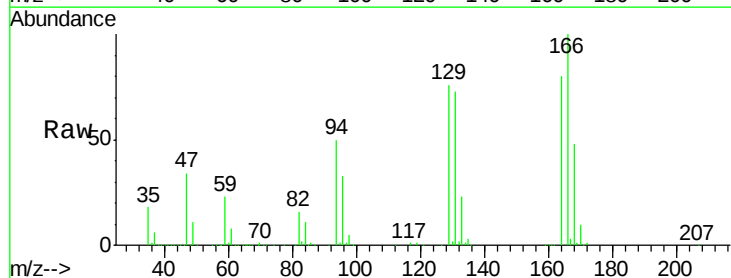
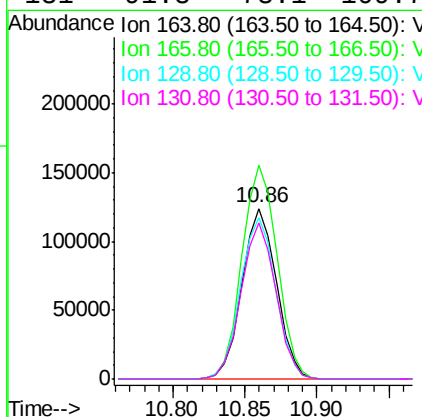
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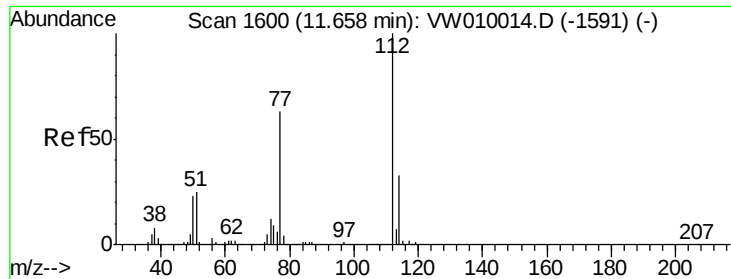
MMDadoda
4/18/2019 11:39:11 AM



#64
Tetrachloroethene
Concen: 56.531 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205669		
166	125.3	101.2	151.8	
129	95.0	77.8	116.6	
131	91.8	73.1	109.7	





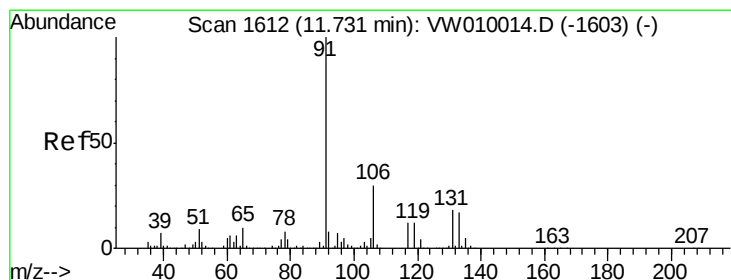
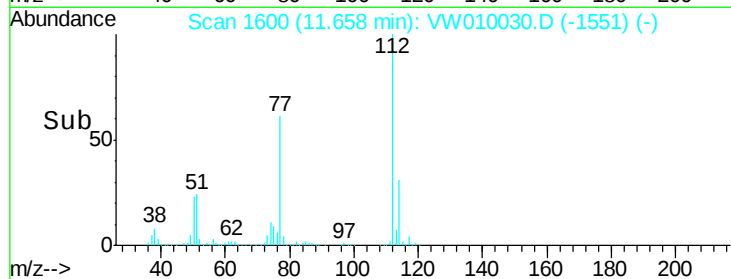
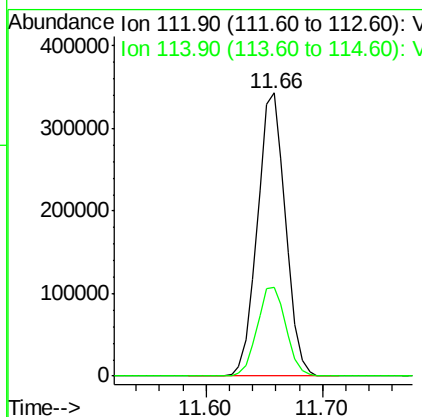
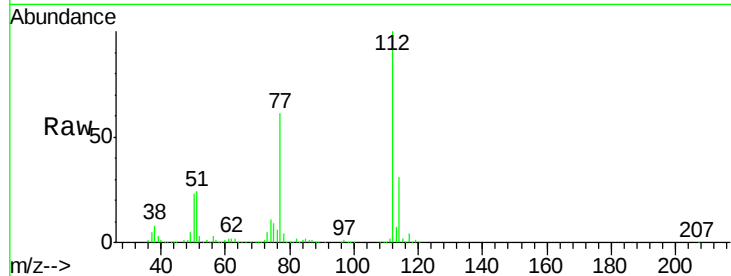
#65
Chlorobenzene
Concen: 50.256 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.5	39.7

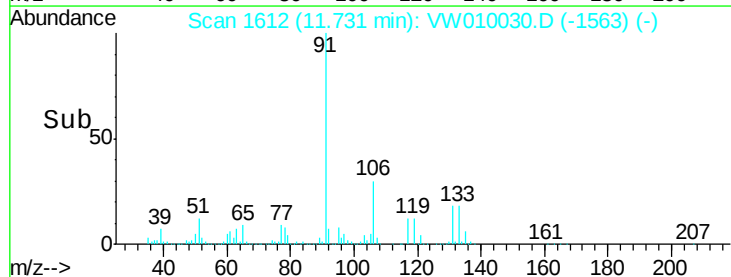
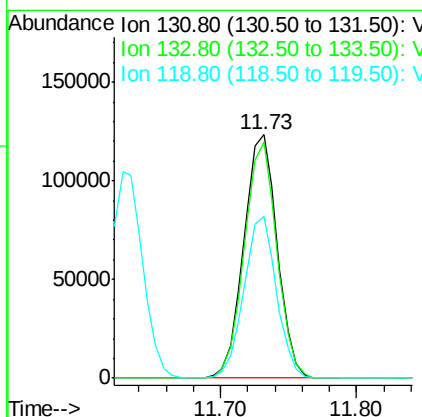
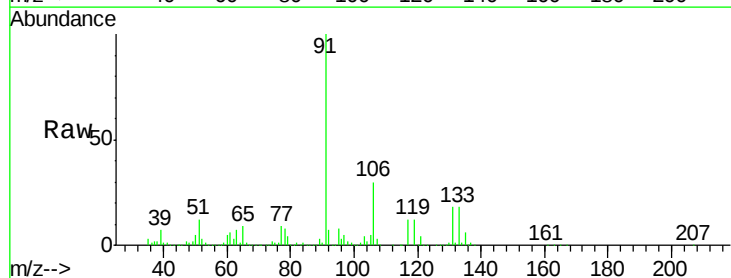
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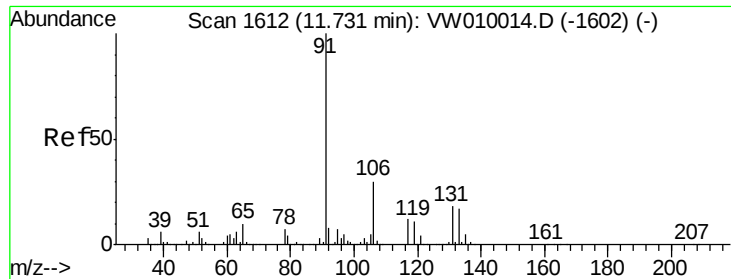
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.653 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	46.5	139.5
119	64.9	31.9	95.5





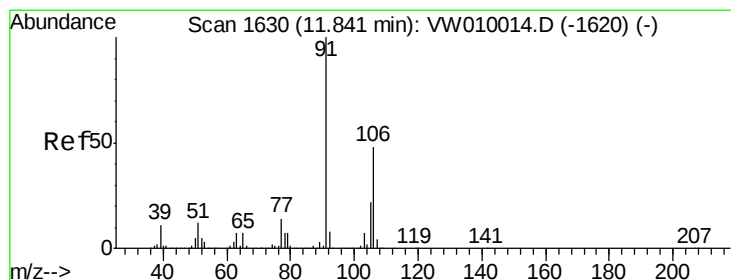
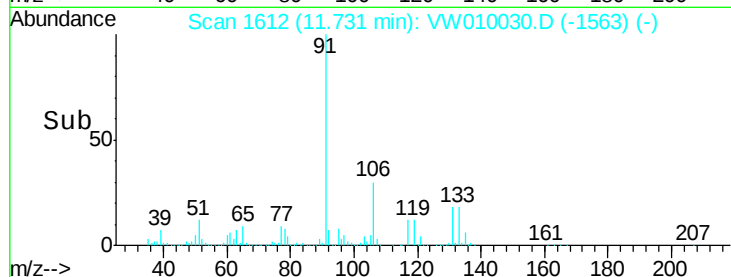
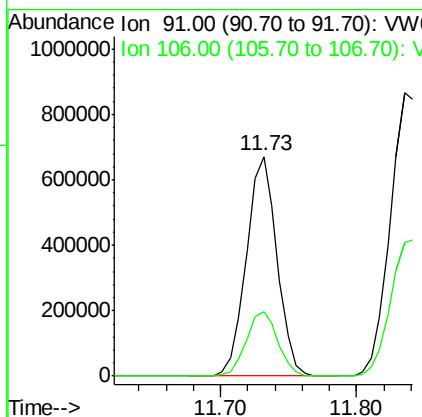
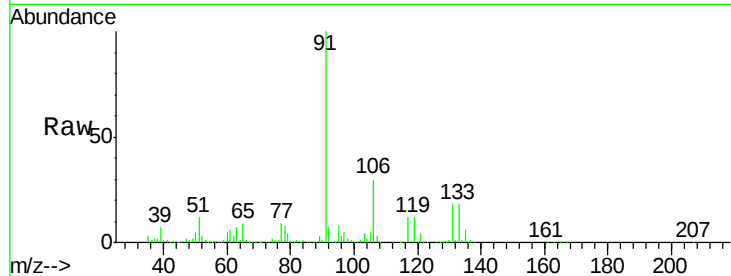
#67
Ethyl Benzene
Concen: 51.712 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1058320
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8

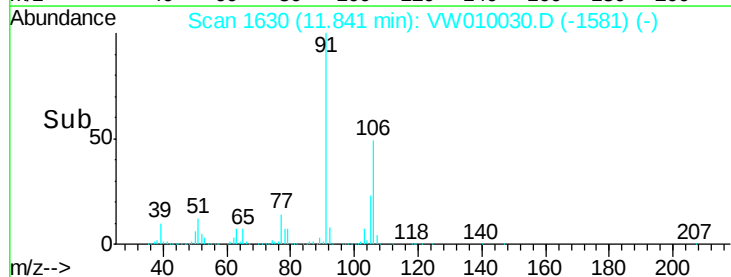
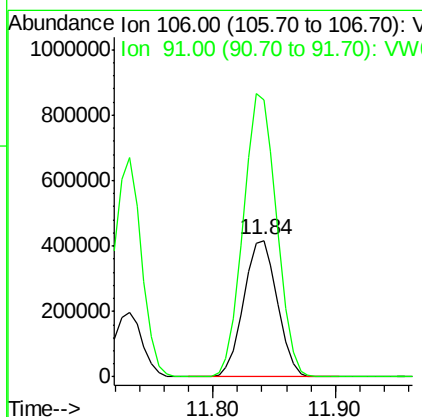
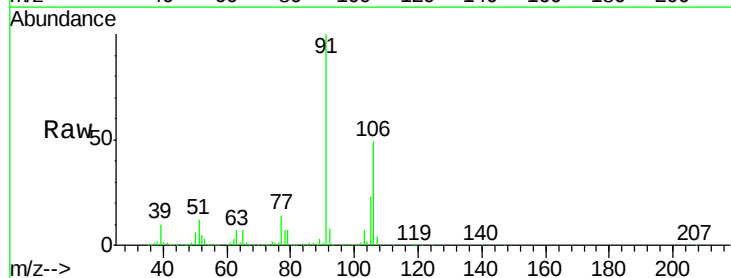
Manual Integrations
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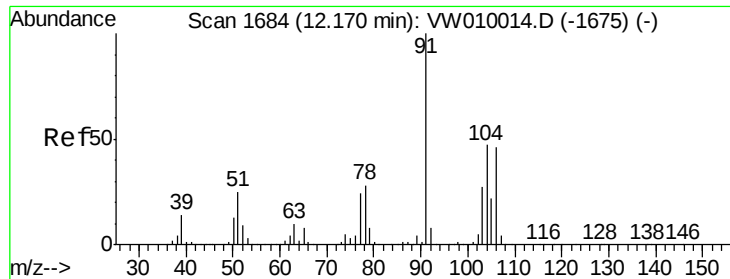
MMDadoda
4/18/2019 11:39:11 AM



#68
m/p-Xylenes
Concen: 103.936 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion: 106 Resp: 795127
Ion Ratio Lower Upper
106 100
91 206.0 165.0 247.6





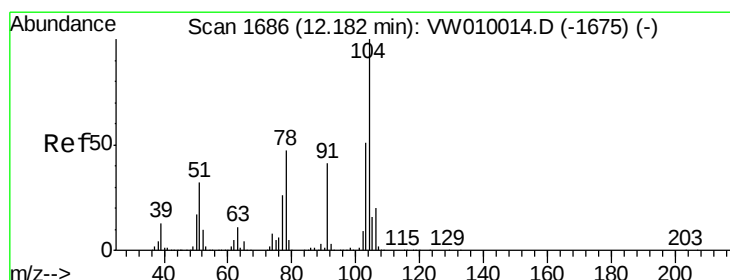
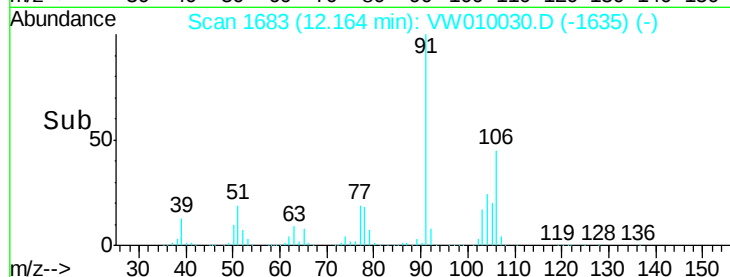
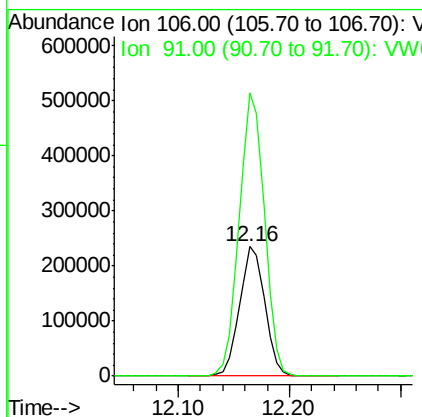
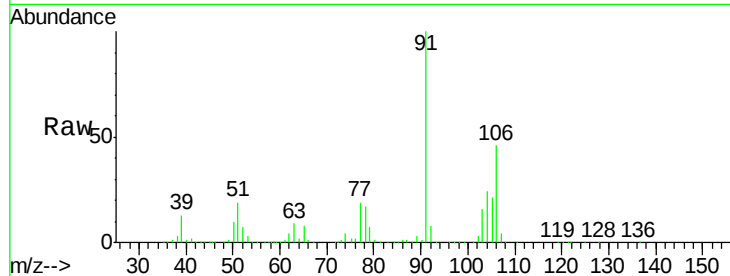
#69
o-Xylene
Concen: 52.996 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 369159
Ion Ratio Lower Upper
106 100
91 219.4 110.5 331.4

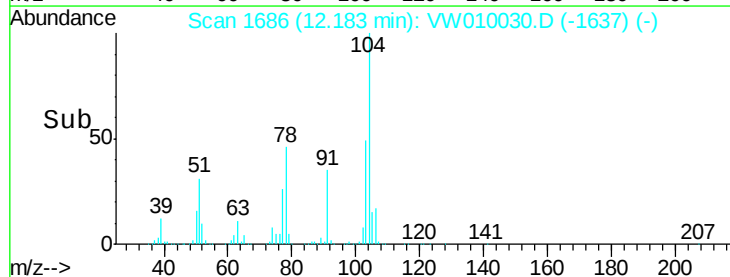
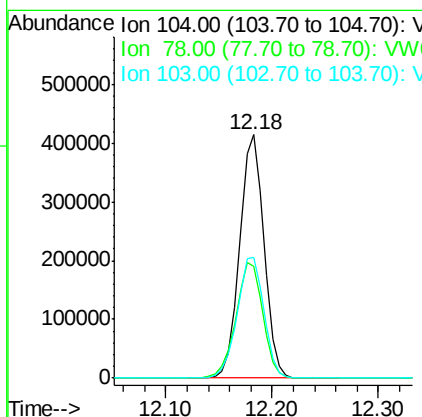
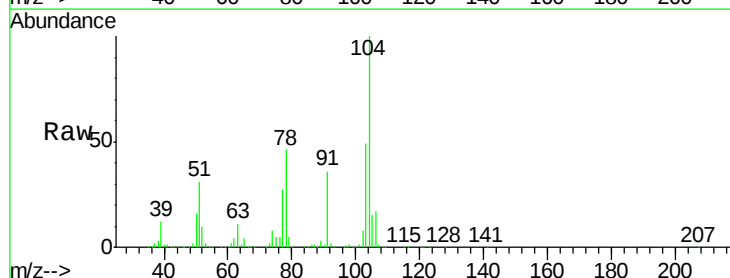
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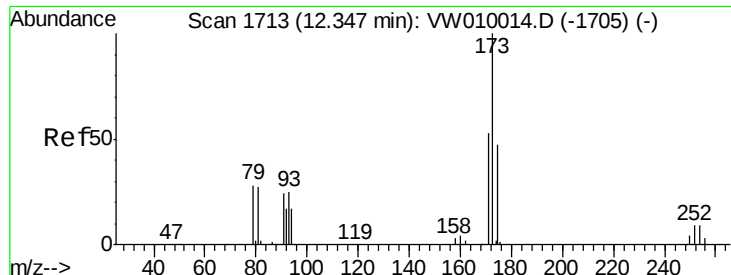
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#70
Styrene
Concen: 55.507 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion:104 Resp: 666657
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 54.4 43.6 65.4





#71

Bromoform

Concen: 54.825 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 118920

Ion Ratio Lower Upper

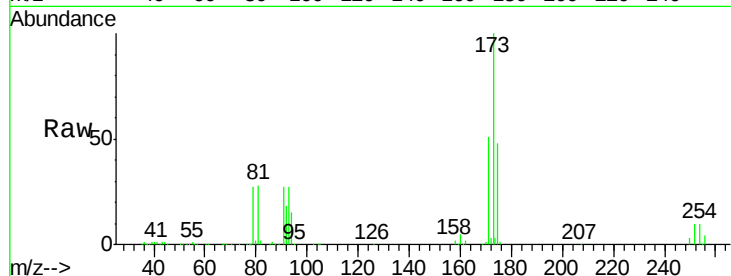
173 100

175 47.7 23.8 71.4

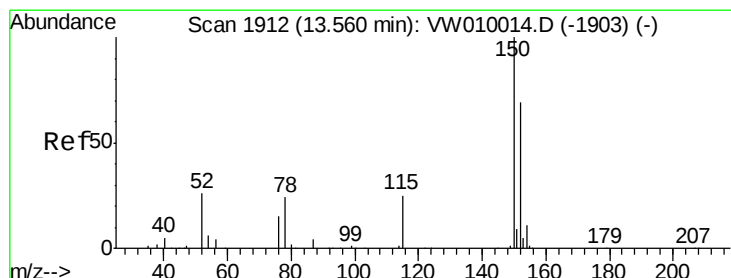
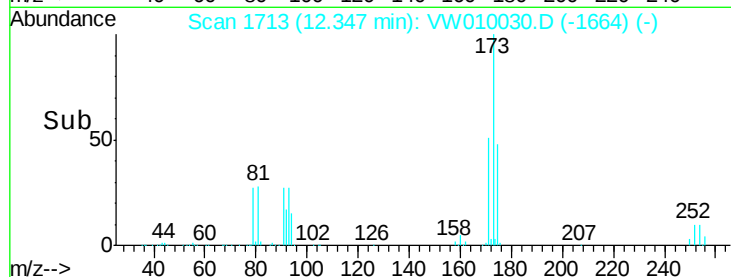
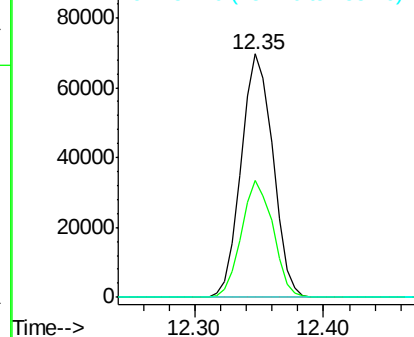
254 0.2 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

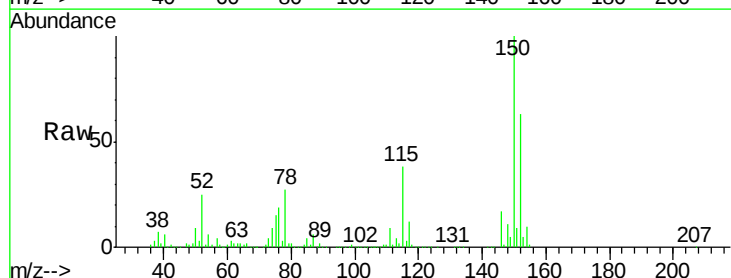
Tgt Ion:152 Resp: 288839

Ion Ratio Lower Upper

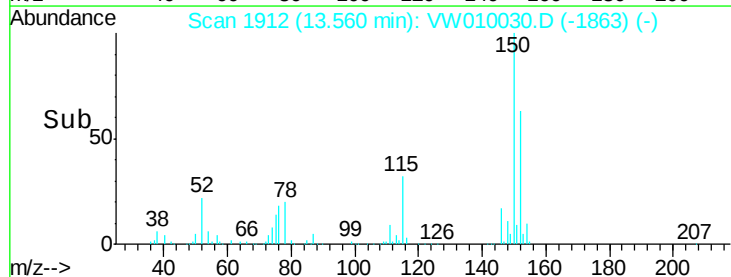
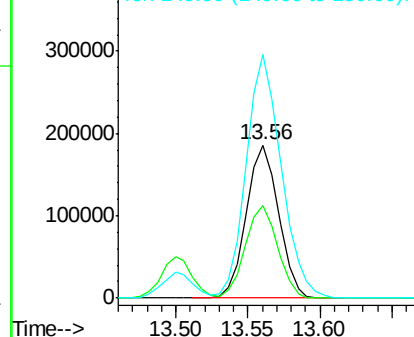
152 100

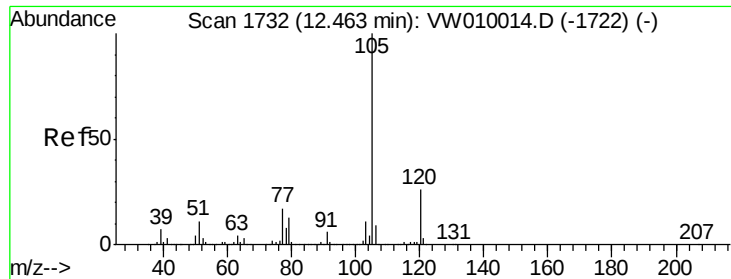
115 60.2 30.4 91.2

150 172.5 0.0 347.0



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





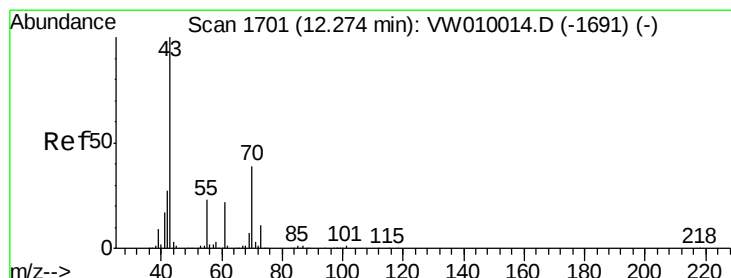
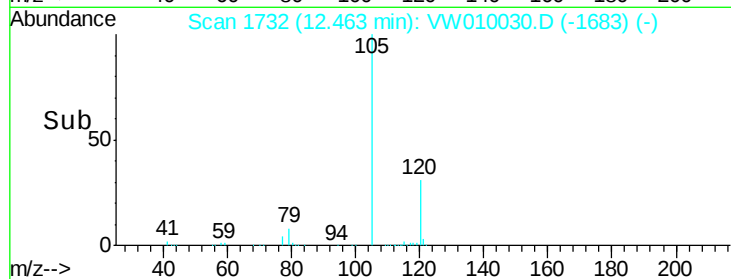
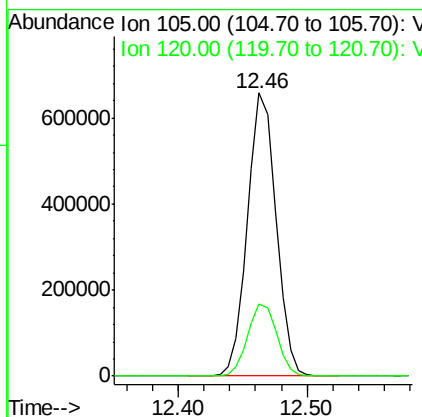
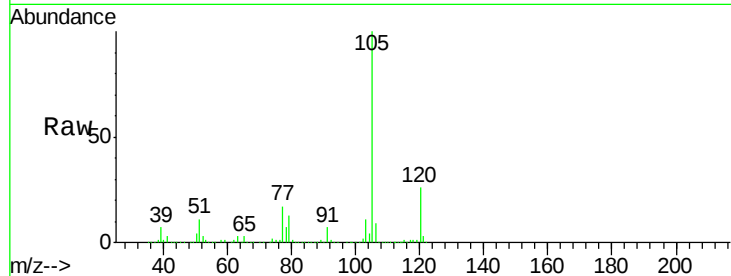
#73
Isopropylbenzene
Concen: 50.079 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1006728
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

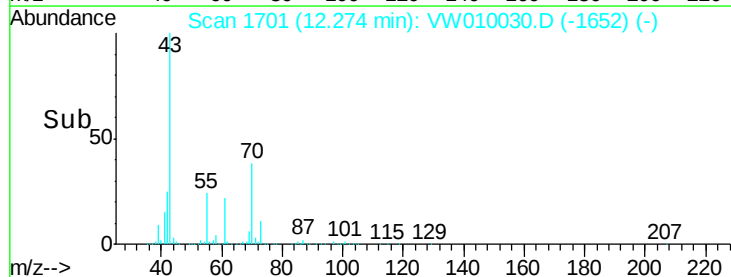
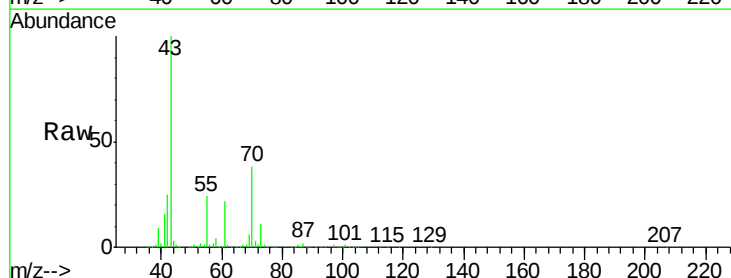
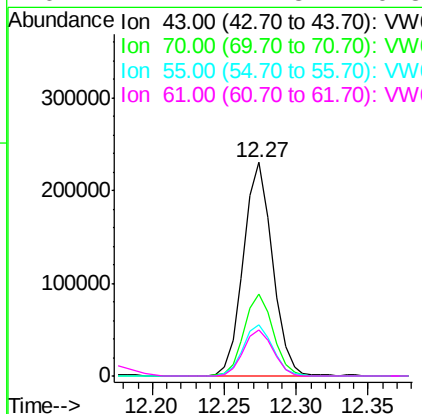
Manual Integrations
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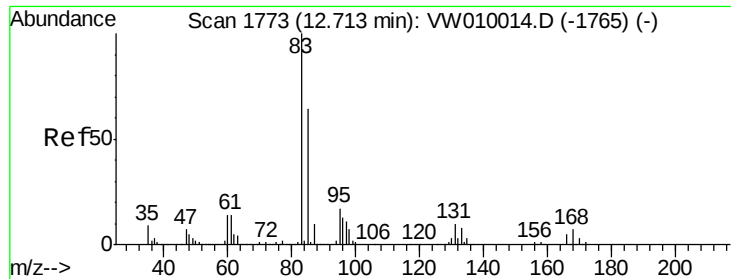
MMDadoda
4/18/2019 11:39:11 AM



#74
N-ethyl acetate
Concen: 57.866 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion: 43 Resp: 322140
Ion Ratio Lower Upper
43 100
70 38.6 31.3 46.9
55 24.8 20.0 30.0
61 22.2 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.711 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

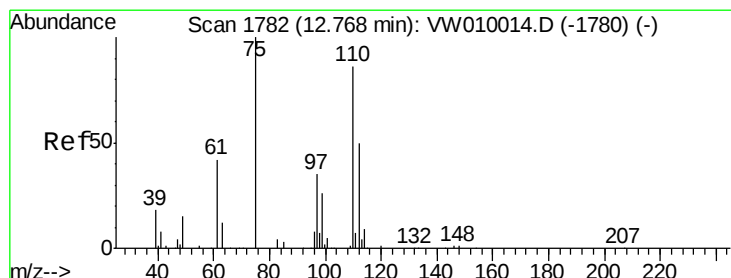
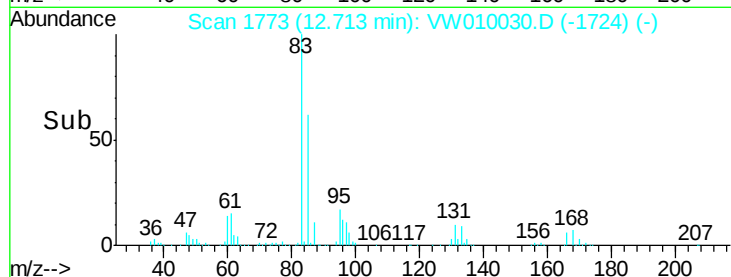
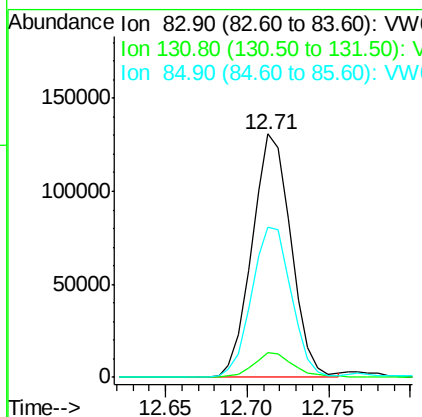
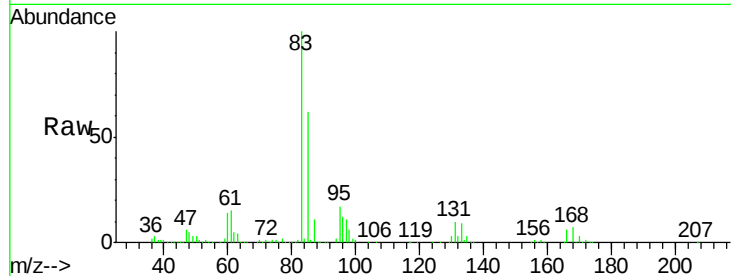
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	217291
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	63.2	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.803 ug/l m

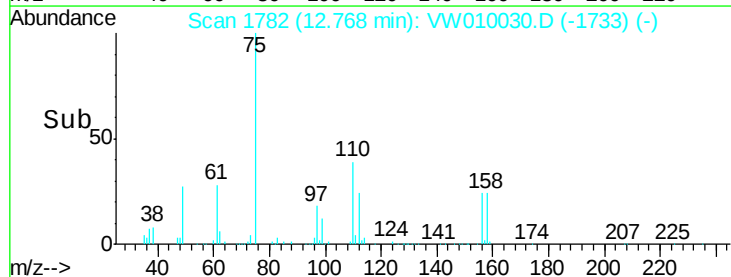
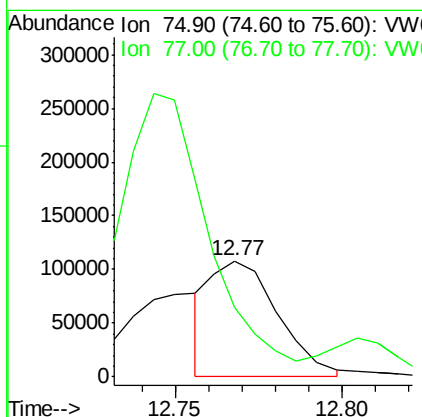
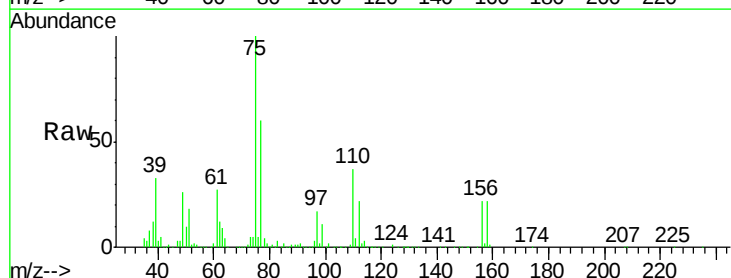
RT: 12.77 min Scan# 1782

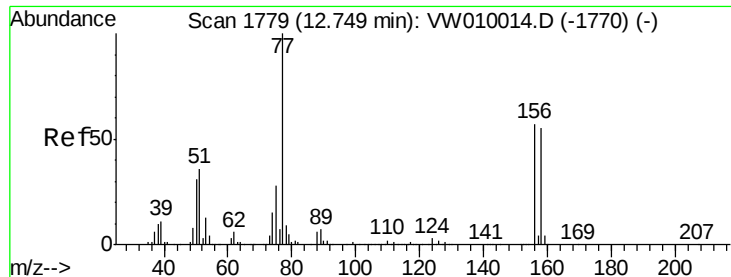
Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	75	Resp:	152645
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.692 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

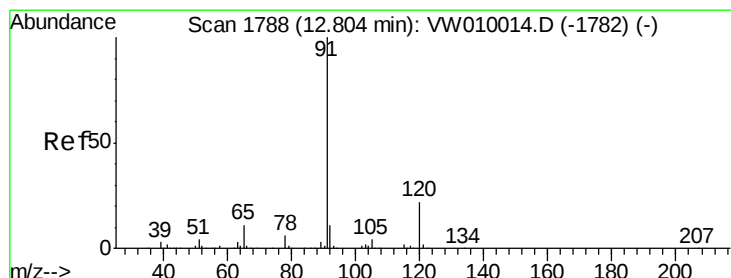
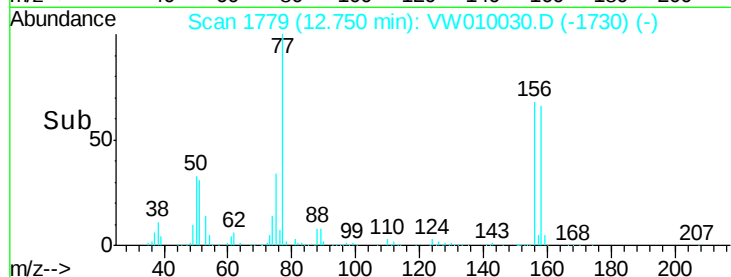
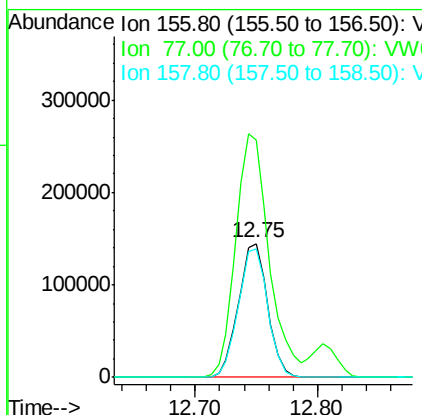
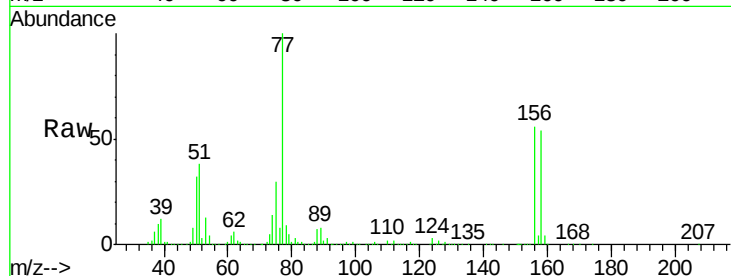
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	238987
Ion Ratio	Lower	Upper	
156	100		
77	207.4	102.5	307.4
158	96.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 50.035 ug/l

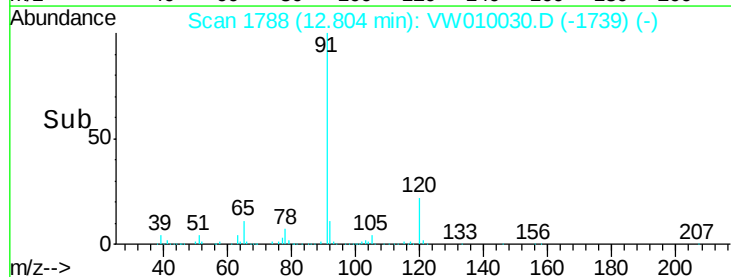
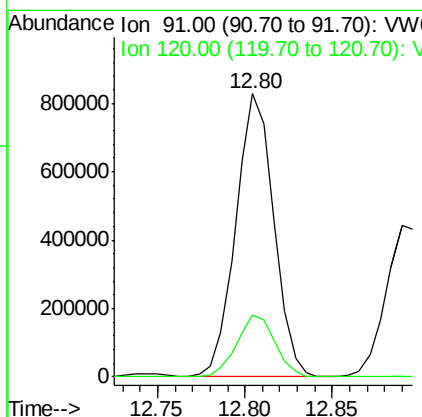
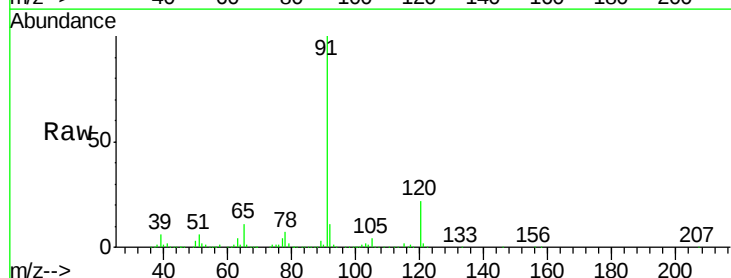
RT: 12.80 min Scan# 1788

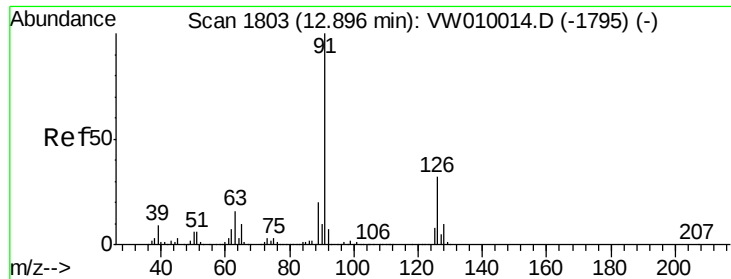
Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	91	Resp:	1246611
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.1	33.1





#79

2-Chlorotoluene

Concen: 50.697 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 726444

Ion Ratio Lower Upper

91 100

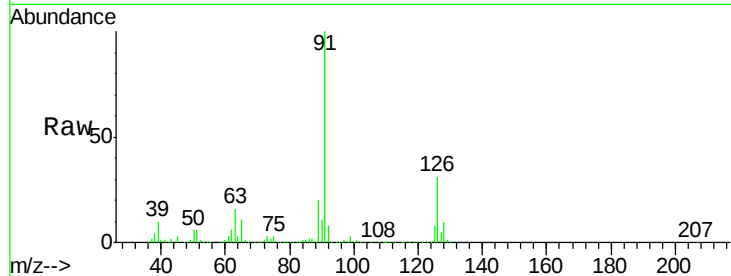
126 31.6 16.3 48.8

Manual Integrations

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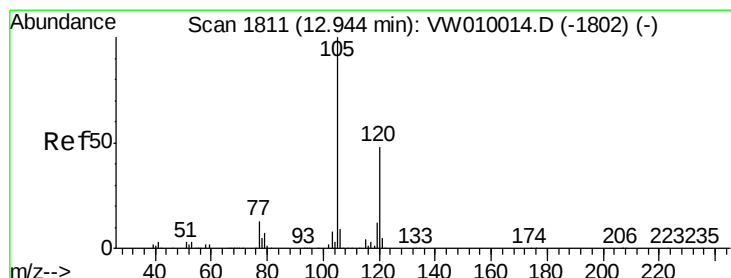
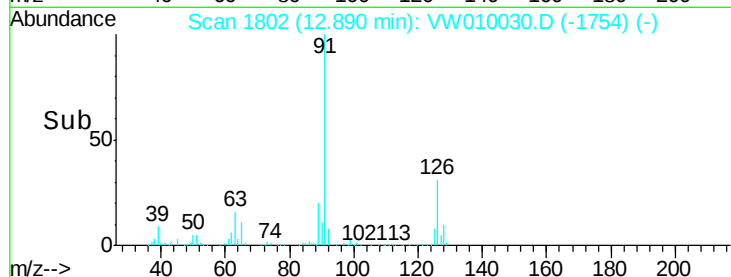
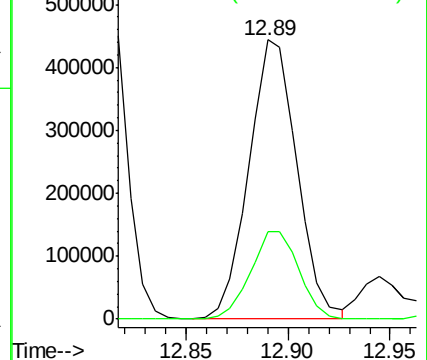
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.368 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010030.D

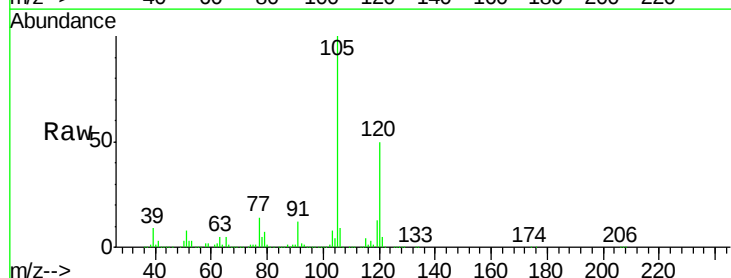
Acq: 17 Apr 2019 23:30

Tgt Ion:105 Resp: 875542

Ion Ratio Lower Upper

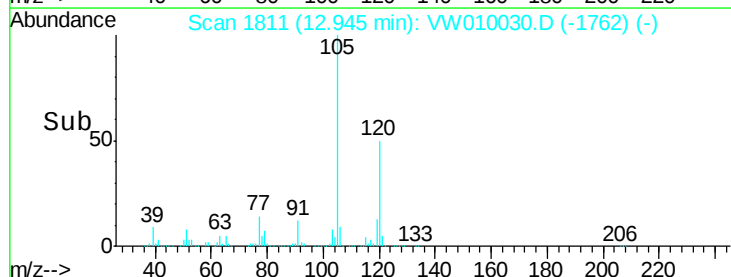
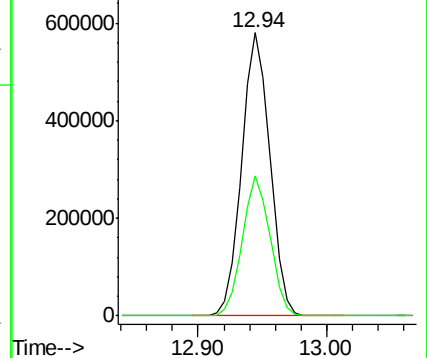
105 100

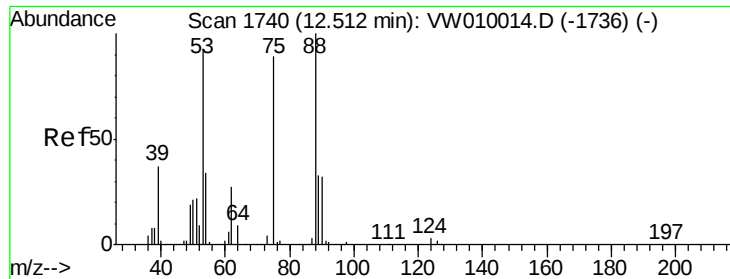
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





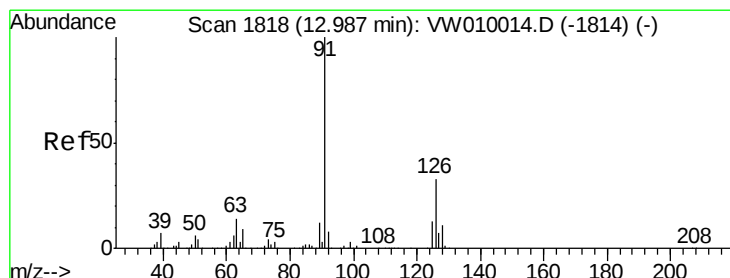
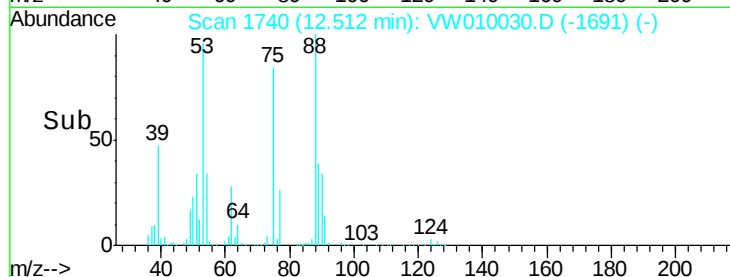
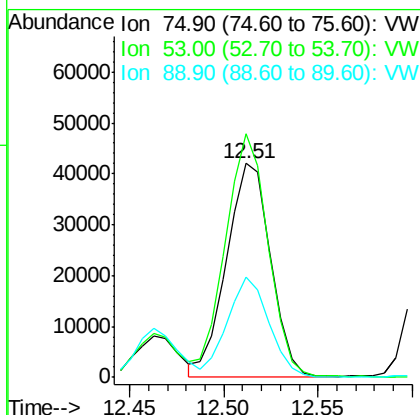
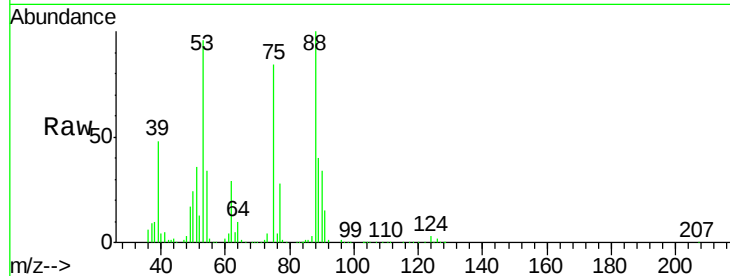
#81
trans-1,4-Dichloro-2-butene
Concen: 55.529 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.9	89.8	134.8
89	44.5	36.6	54.8

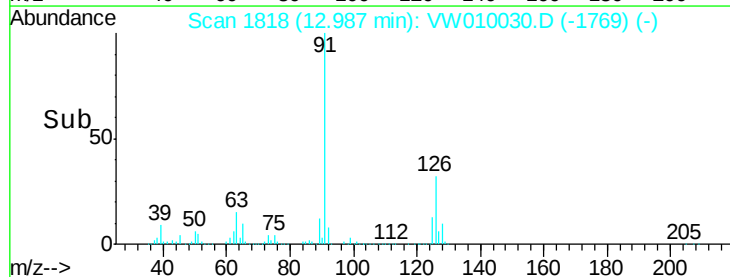
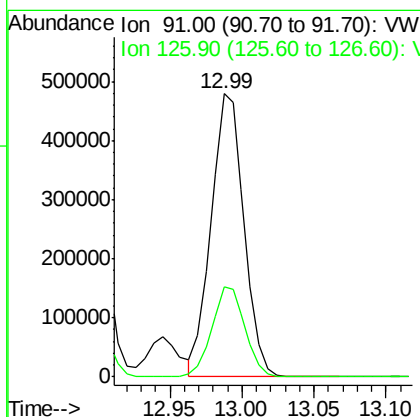
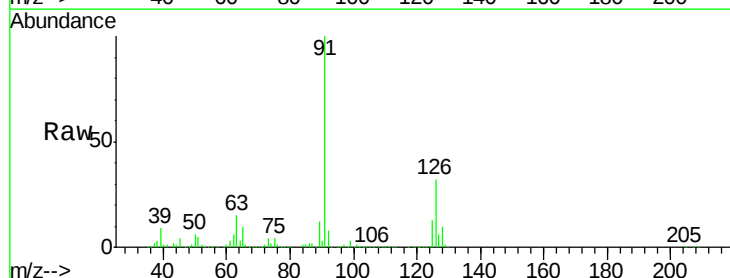
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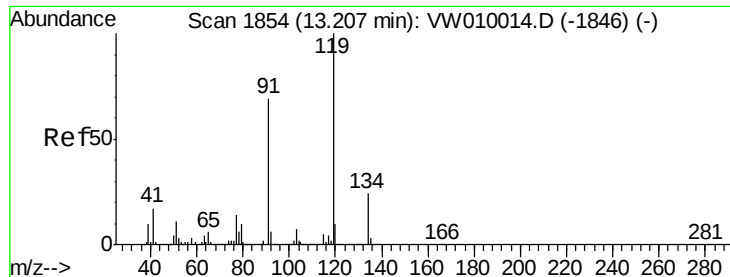
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#82
4-Chlorotoluene
Concen: 50.397 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1





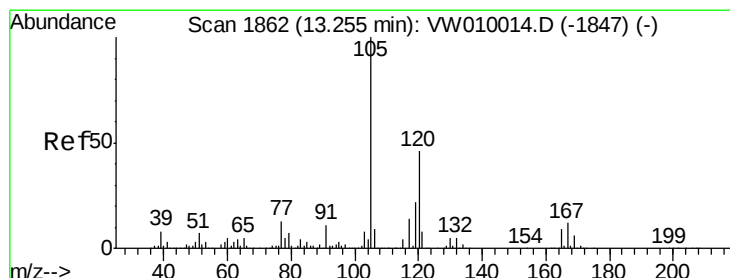
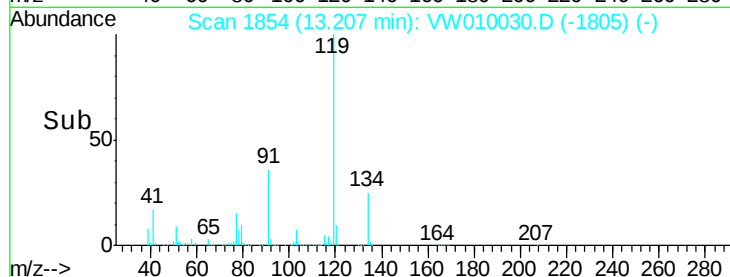
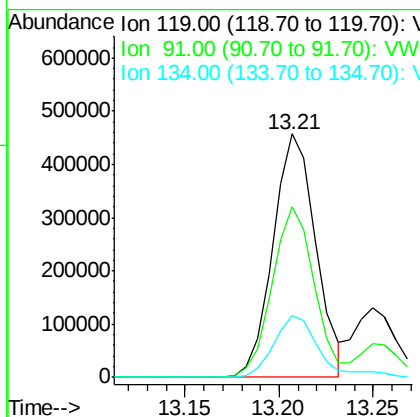
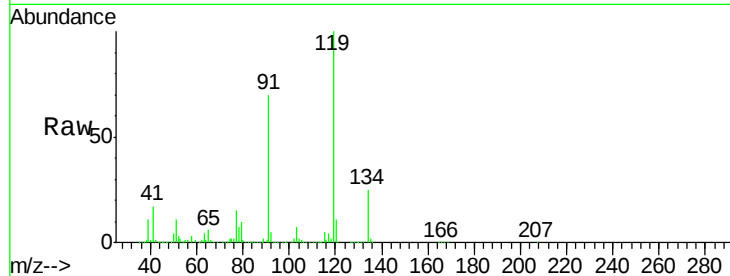
#83
 tert-Butylbenzene
 Concen: 51.008 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.6	34.8	104.4
134	26.9	13.7	41.1

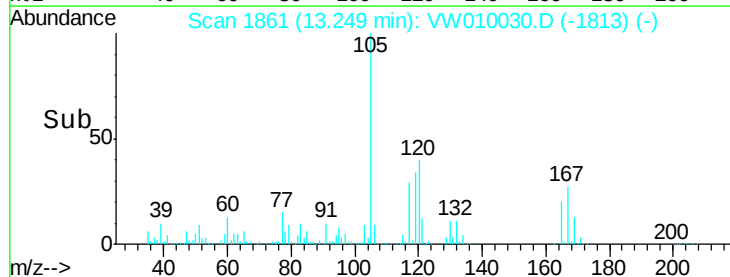
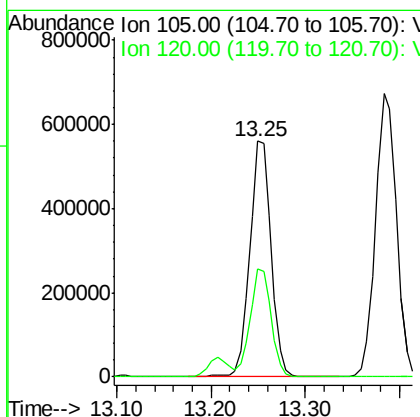
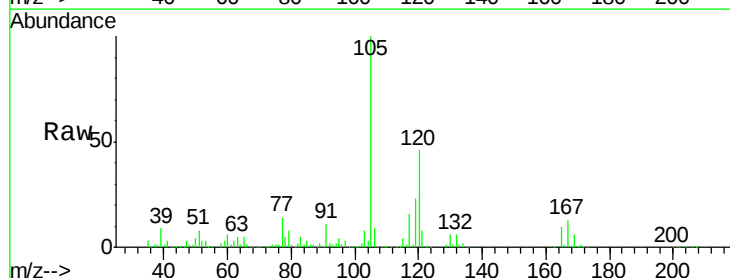
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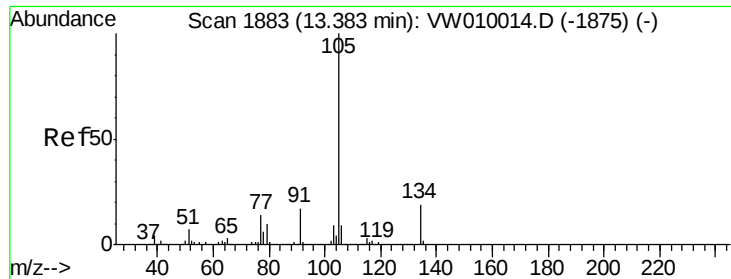
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.520 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7





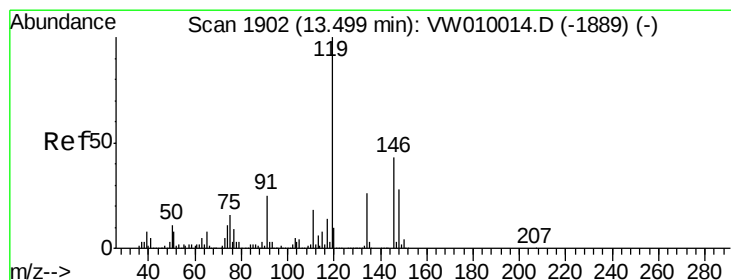
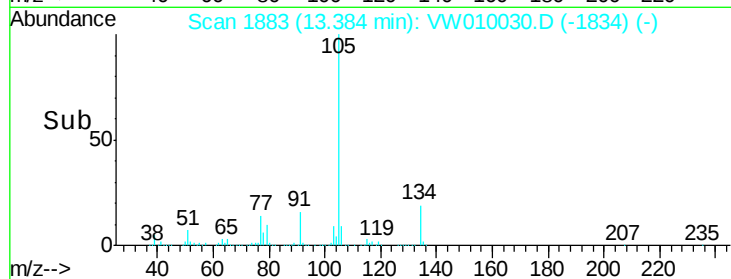
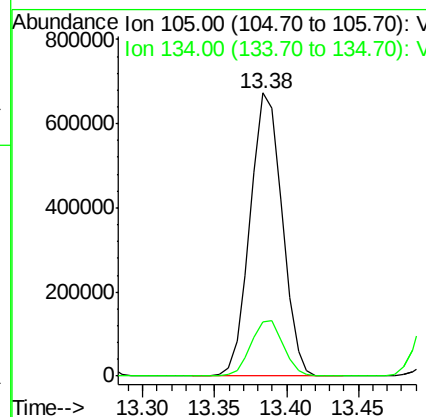
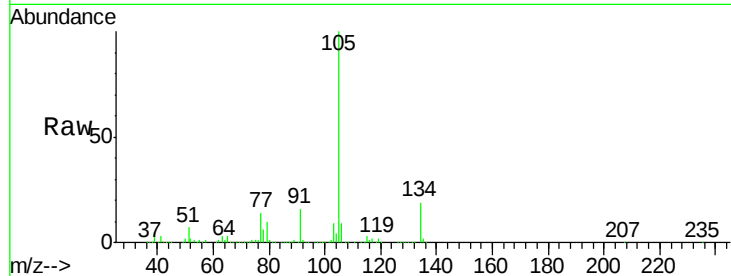
#85
 sec-Butylbenzene
 Concen: 49.072 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

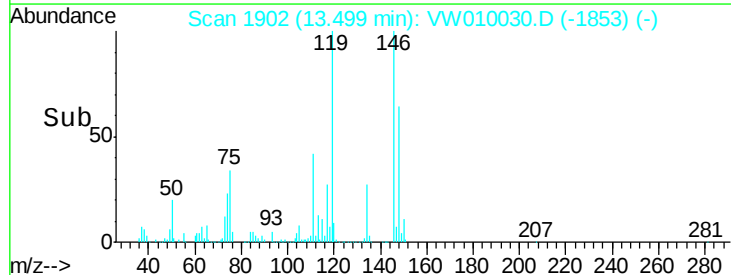
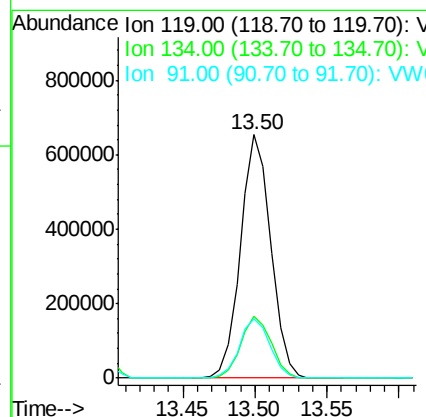
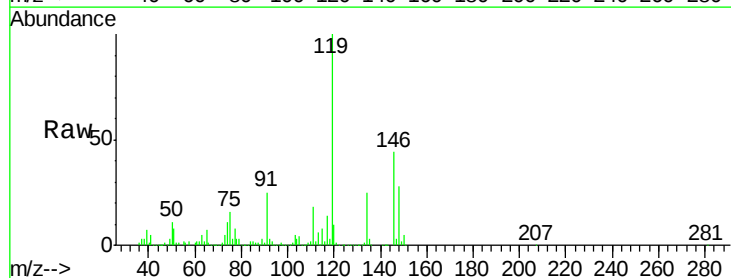
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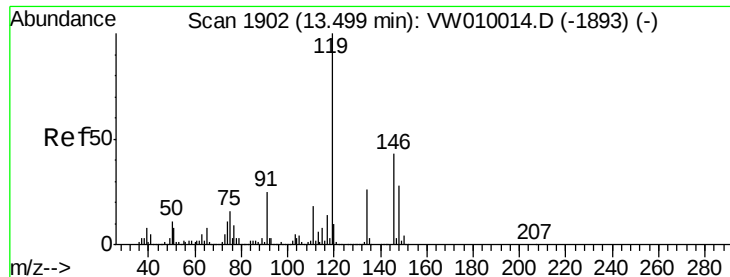
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#86
 p-Isopropyltoluene
 Concen: 51.223 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	38.9
91	24.6	12.3	36.9





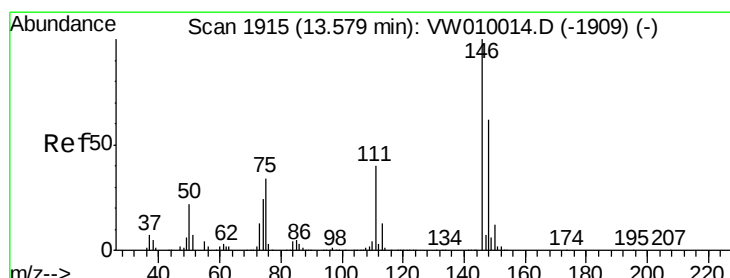
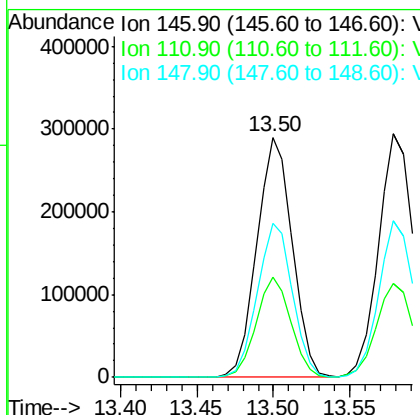
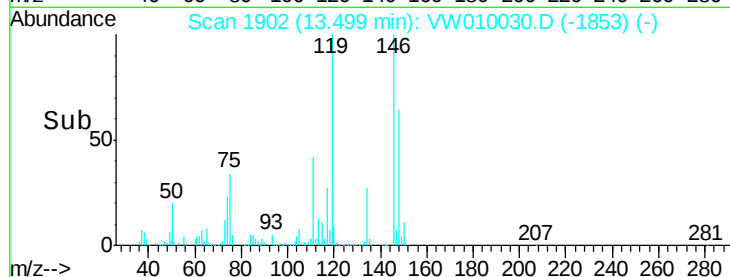
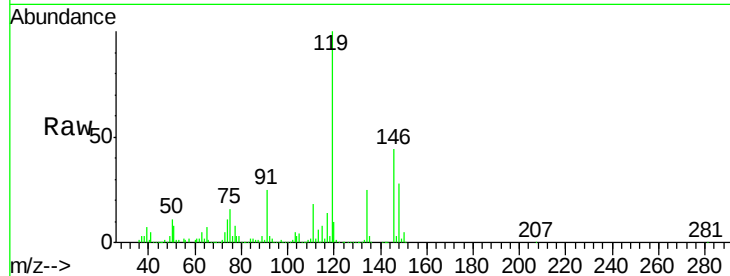
#87
 1,3-Dichlorobenzene
 Concen: 49.894 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	63.8	32.0	96.2

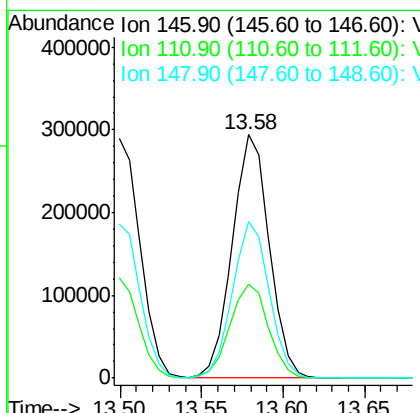
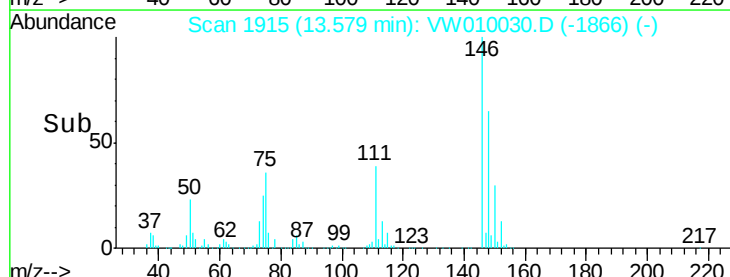
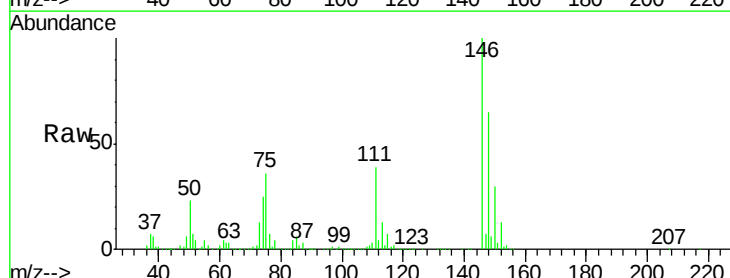
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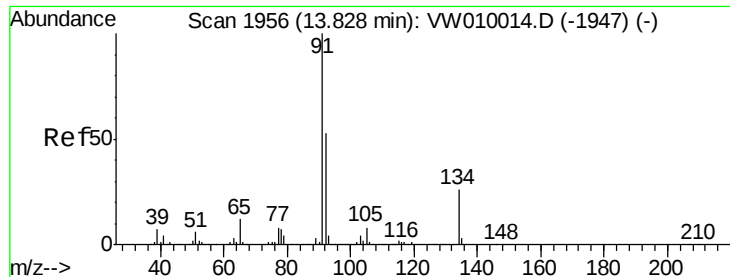
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#88
 1,4-Dichlorobenzene
 Concen: 49.754 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	64.0	31.8	95.3





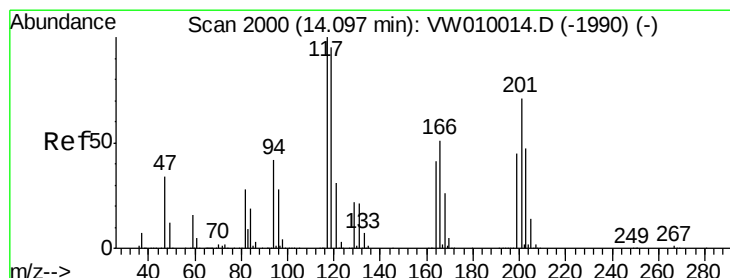
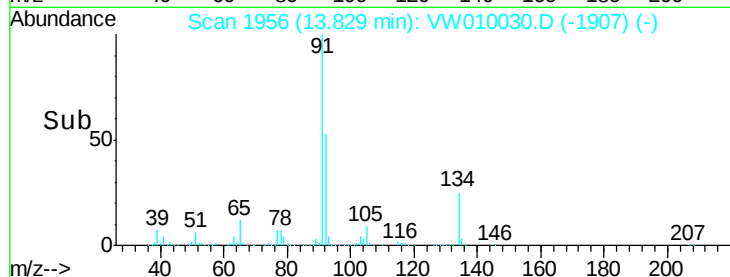
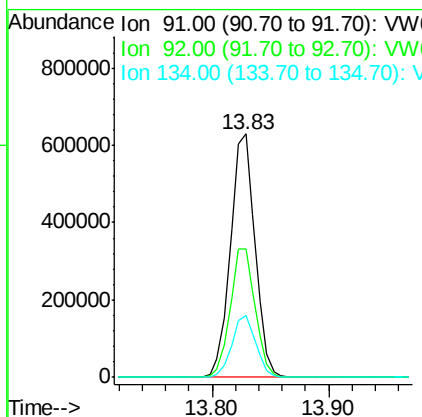
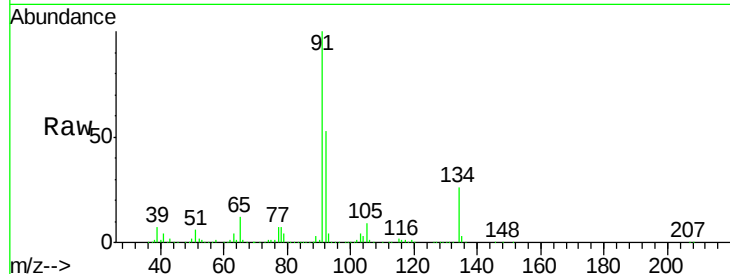
#89
n-Butylbenzene
Concen: 50.258 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.4
134	24.9	12.4	37.0

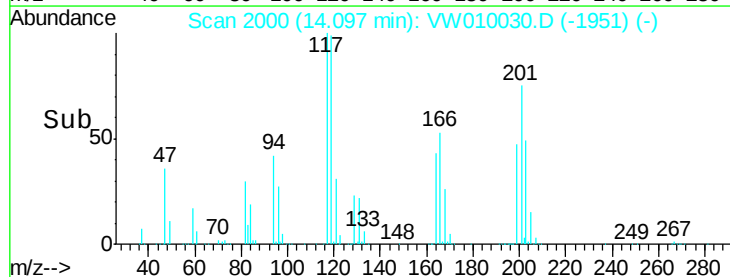
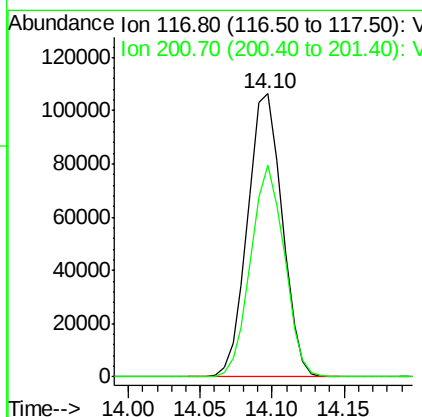
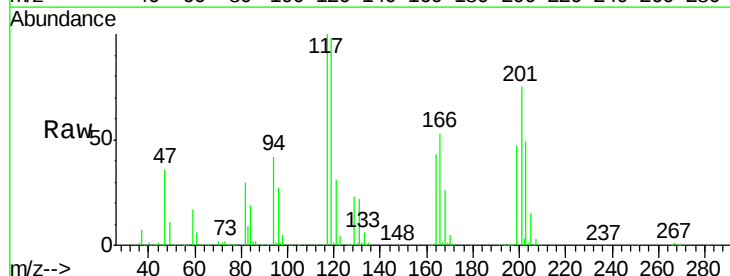
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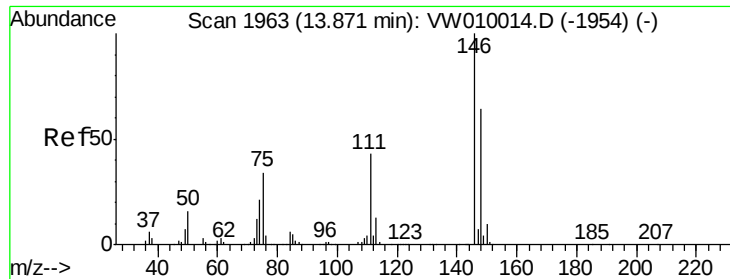
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#90
Hexachloroethane
Concen: 49.794 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	36.1	108.3





#91

1,2-Dichlorobenzene

Concen: 50.433 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Instrument :

MSVOA_W

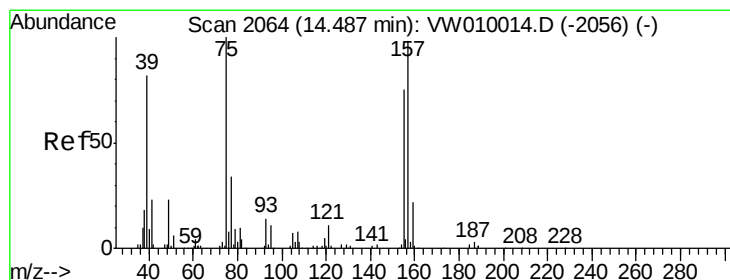
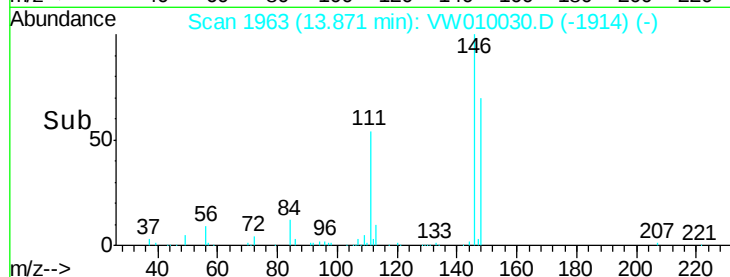
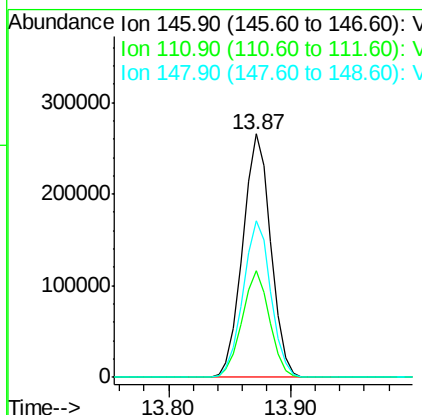
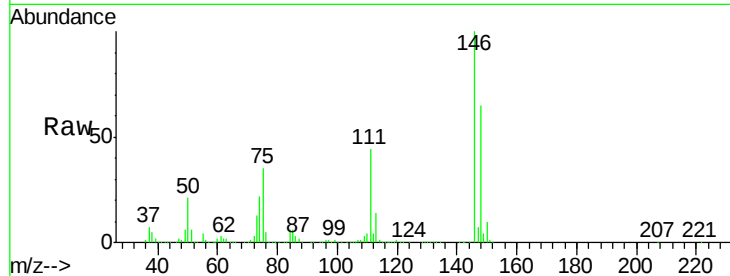
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	422615
Ion Ratio	Lower	Upper	
146	100		
111	43.0	20.9	62.8
148	63.8	31.9	95.7

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 56.305 ug/l

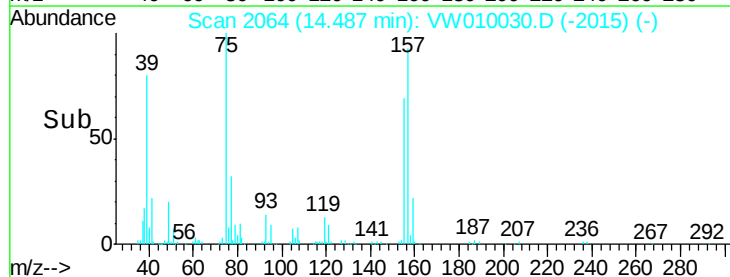
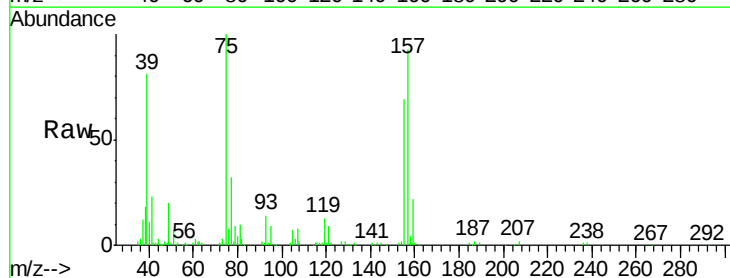
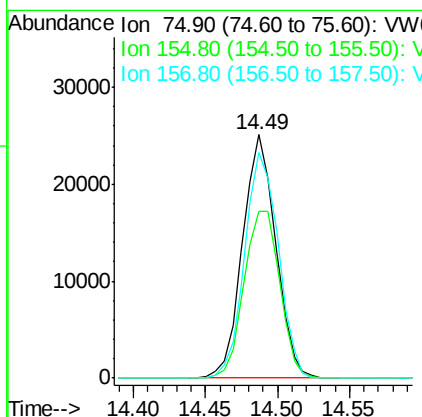
RT: 14.49 min Scan# 2064

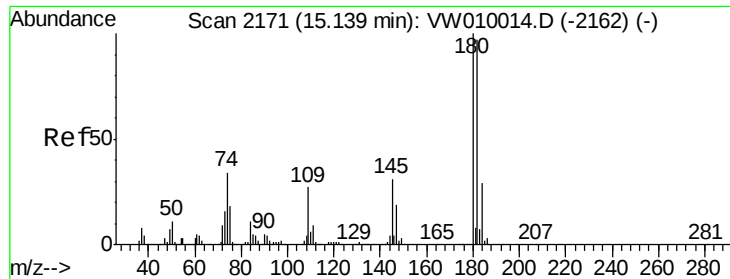
Delta R.T. 0.00 min

Lab File: VW010030.D

Acq: 17 Apr 2019 23:30

Tgt Ion:	75	Resp:	40019
Ion Ratio	Lower	Upper	
75	100		
155	73.8	37.1	111.5
157	93.9	47.3	141.9





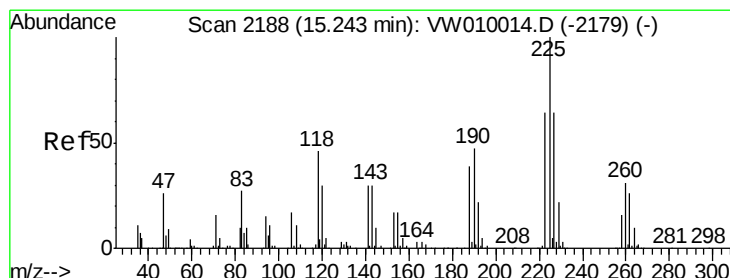
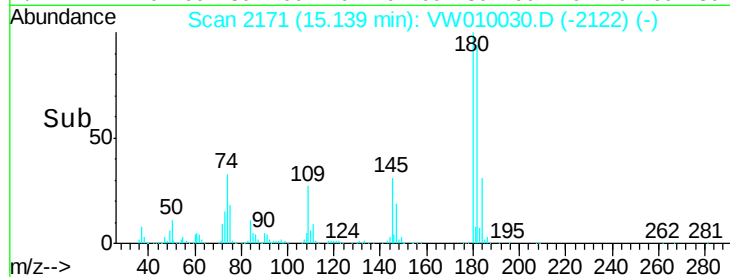
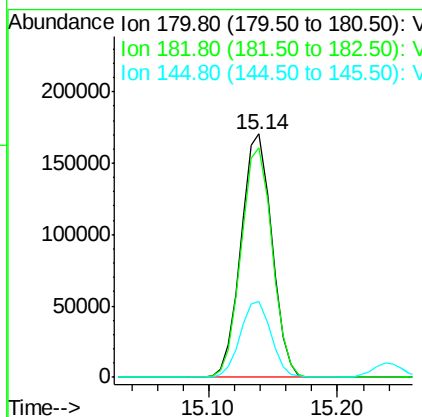
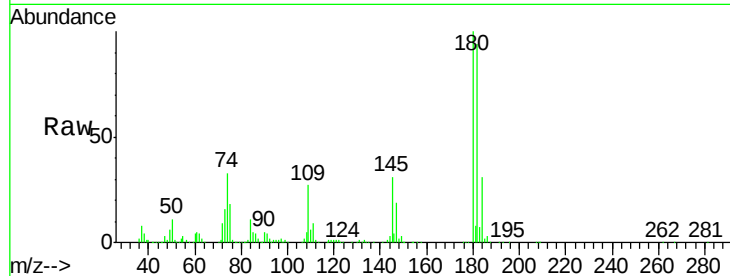
#93
 1,2,4-Trichlorobenzene
 Concen: 51.107 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	282535		
182	94.9	47.1	141.4	
145	31.0	15.2	45.6	

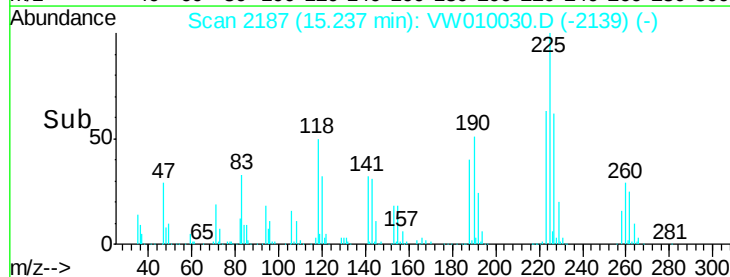
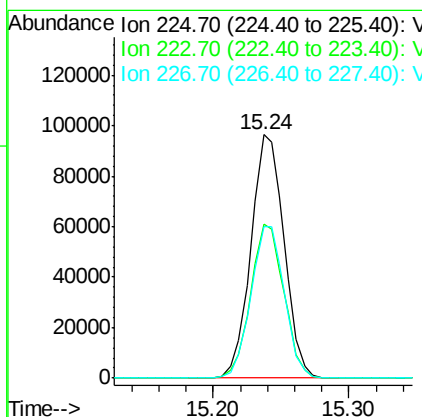
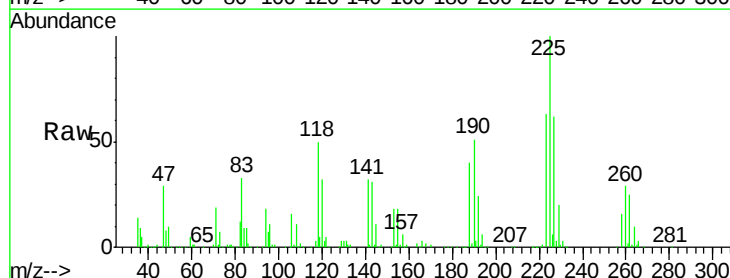
Manual Integrations
 APPROVED

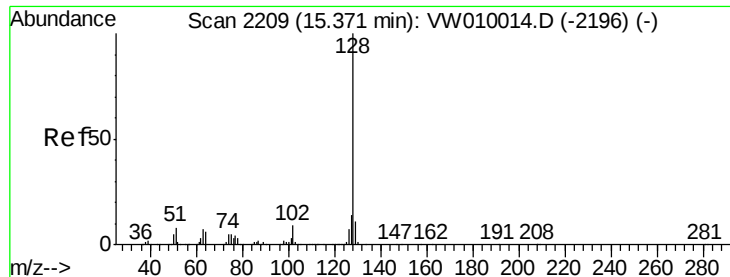
MMDadoda
 4/18/2019 11:39:11 AM



#94
 Hexachlorobutadiene
 Concen: 49.073 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010030.D
 Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164744		
223	63.3	31.9	95.5	
227	62.7	31.8	95.3	





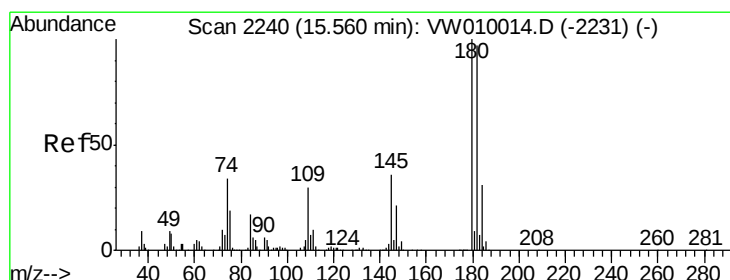
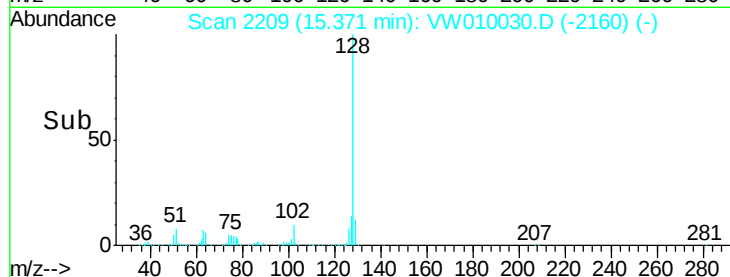
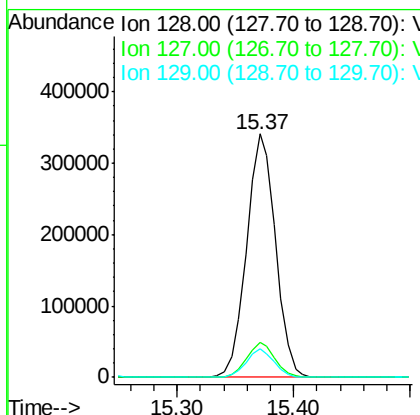
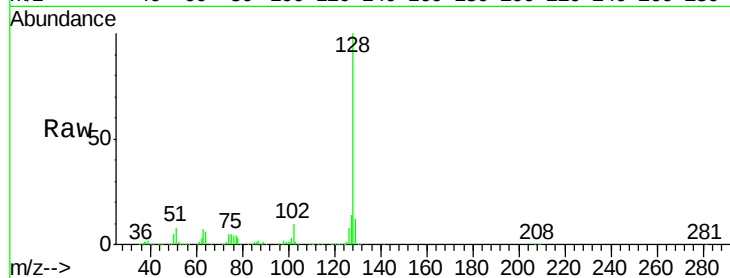
#95
Naphthalene
Concen: 53.532 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/18/2019 11:39:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.349 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010030.D
Acq: 17 Apr 2019 23:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	33.2	16.4	49.2

