

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031020\
 Data File : VW015107.D
 Acq On : 10 Mar 2020 10:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:22:07 PM

Quant Time: Mar 11 09:05:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:51:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	355291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	637521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	582390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	265019	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	278522	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.88	113	205051	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.32	98	888551	55.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.18%	
62) 4-Bromofluorobenzene	12.62	95	305549	57.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	120309	55.844	ug/l	97
3) Chloromethane	2.21	50	235239	50.883	ug/l	96
4) Vinyl Chloride	2.36	62	314490	51.961	ug/l	98
5) Bromomethane	2.78	94	175751	50.800	ug/l	98
6) Chloroethane	2.92	64	189937	54.180	ug/l	97
7) Trichlorofluoromethane	3.26	101	162063	53.507	ug/l	97
8) Diethyl Ether	3.68	74	121332	52.573	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	248751	53.875	ug/l	99
10) Methyl Iodide	4.27	142	267650	52.107	ug/l	98
11) Tert butyl alcohol	5.16	59	74778	249.066	ug/l	99
12) 1,1-Dichloroethene	4.04	96	241585	53.516	ug/l	99
13) Acrolein	3.89	56	103459	235.619	ug/l	94
14) Allyl chloride	4.67	41	497939	55.042	ug/l	98
15) Acrylonitrile	5.37	53	327960	277.229	ug/l	100
16) Acetone	4.12	43	344921	289.506	ug/l	98
17) Carbon Disulfide	4.38	76	858282	53.625	ug/l	98
18) Methyl Acetate	4.67	43	153886	54.488	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	315746	54.638	ug/l	96
20) Methylene Chloride	4.91	84	274160	56.911	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	262700	54.811	ug/l	98
22) Diisopropyl ether	6.31	45	985413	56.769	ug/l	99
23) Vinyl Acetate	6.25	43	2984152	291.226	ug/l	100
24) 1,1-Dichloroethane	6.21	63	546164	53.956	ug/l	99
25) 2-Butanone	7.17	43	469231	287.291	ug/l	99
26) 2,2-Dichloropropane	7.16	77	308547	53.296	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	270698	54.250	ug/l	99
28) Bromochloromethane	7.51	49	263215	54.268	ug/l	98
29) Tetrahydrofuran	7.52	42	291155	284.993	ug/l	99
30) Chloroform	7.67	83	481972	53.655	ug/l	99
31) Cyclohexane	7.95	56	549679	52.799	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	376919	53.739	ug/l	100
36) 1,1-Dichloropropene	8.08	75	423762	57.317	ug/l	99
37) Ethyl Acetate	7.24	43	205054	55.649	ug/l	99
38) Carbon Tetrachloride	8.07	117	337344	56.051	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	483597	57.207	ug/l	99
40) Benzene	8.32	78	1154780	56.205	ug/l	99
41) Methacrylonitrile	7.48	41	123839	63.548	ug/l	91
42) 1,2-Dichloroethane	8.40	62	353602	56.490	ug/l	100
43) Isopropyl Acetate	8.42	43	375842	56.895	ug/l	100
44) Trichloroethene	9.09	130	236586	54.096	ug/l	96
45) 1,2-Dichloropropane	9.37	63	308810	55.811	ug/l	99
46) Dibromomethane	9.46	93	133618	55.537	ug/l	99
47) Bromodichloromethane	9.64	83	355673	55.372	ug/l	98
48) Methyl methacrylate	9.43	41	193453	56.732	ug/l	92
49) 1,4-Dioxane	9.45	88	41733	1132.952	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	998436	273.639	ug/l	98
52) Toluene	10.38	92	667801	56.579	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	355709	56.290	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	434066	56.387	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	180260	54.679	ug/l	97
56) Ethyl methacrylate	10.64	69	249388	52.361	ug/l	98
57) 1,3-Dichloropropane	10.93	76	354235	56.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	732218	293.369	ug/l	99
59) 2-Hexanone	10.96	43	691029	274.686	ug/l	98
60) Dibromochloromethane	11.13	129	189537	55.666	ug/l	99
61) 1,2-Dibromoethane	11.23	107	161345	55.206	ug/l	100
64) Tetrachloroethene	10.86	164	176960	52.652	ug/l	96
65) Chlorobenzene	11.65	112	628965	53.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	212307	54.540	ug/l	99
67) Ethyl Benzene	11.73	91	1297424	57.037	ug/l	100
68) m/p-Xylenes	11.83	106	915451	113.840	ug/l	100
69) o-Xylene	12.16	106	412336	56.922	ug/l	99
70) Styrene	12.18	104	726260	58.512	ug/l	99
71) Bromoform	12.35	173	94356	54.620	ug/l #	98
73) Isopropylbenzene	12.46	105	1166395	57.616	ug/l	100
74) N-amyl acetate	12.27	43	348106	51.797	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	226600	55.122	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	175622m	58.634	ug/l	
77) Bromobenzene	12.74	156	221834	55.440	ug/l	98
78) n-propylbenzene	12.80	91	1544376	58.700	ug/l	99
79) 2-Chlorotoluene	12.89	91	840258	56.804	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1000332	57.469	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	73504	55.428	ug/l	95
82) 4-Chlorotoluene	12.99	91	894970	56.813	ug/l	100
83) tert-Butylbenzene	13.20	119	810727	57.493	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1009661	58.011	ug/l	98
85) sec-Butylbenzene	13.38	105	1243039	58.246	ug/l	100
86) p-Isopropyltoluene	13.49	119	1066183	58.121	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	467354	55.125	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	455415	54.554	ug/l	99
89) n-Butylbenzene	13.82	91	1161730	58.723	ug/l	99
90) Hexachloroethane	14.09	117	198189	53.871	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	408053	54.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	36890	55.883	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	249692	58.763	ug/l	100
94) Hexachlorobutadiene	15.23	225	143355	53.735	ug/l	99
95) Naphthalene	15.36	128	497281	53.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	222370	59.003	ug/l	99

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

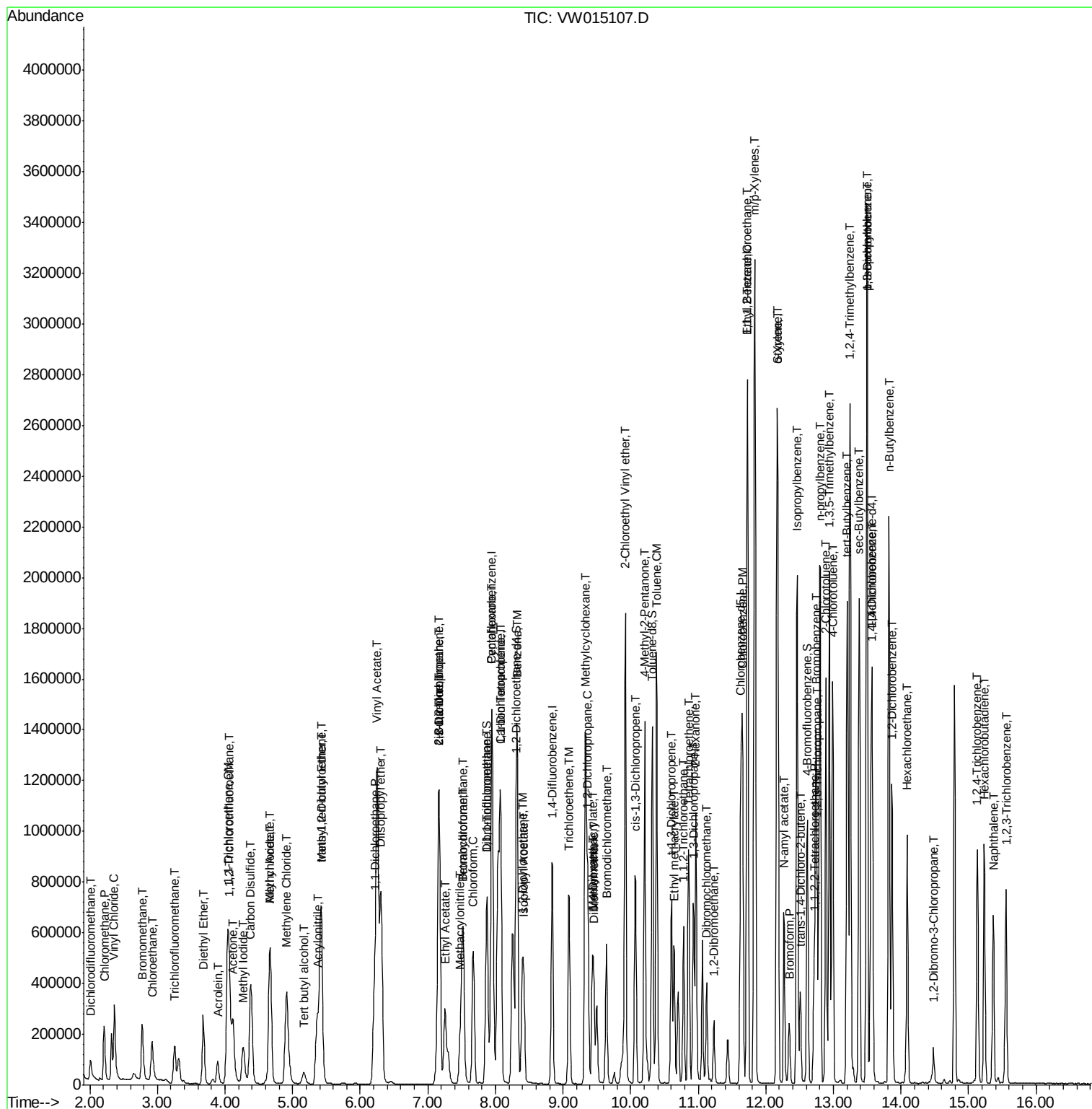
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031020\
Data File : VW015107.D
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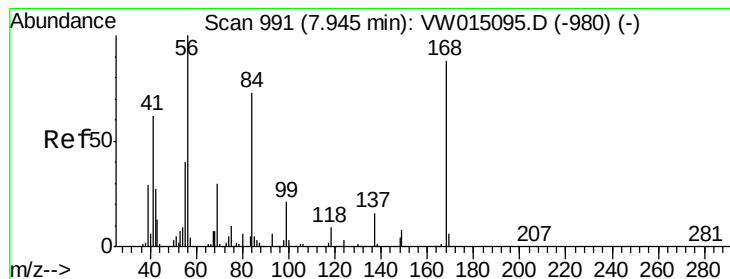
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 355291

Ion Ratio Lower Upper

168 100

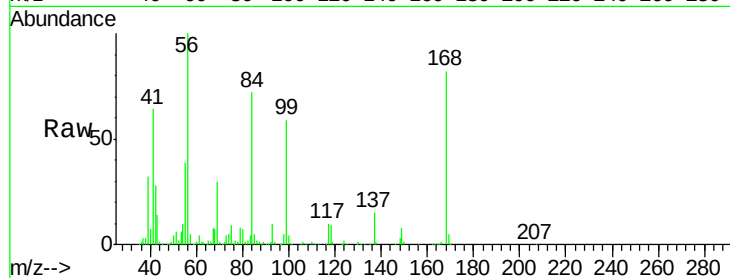
99 72.6 57.2 85.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

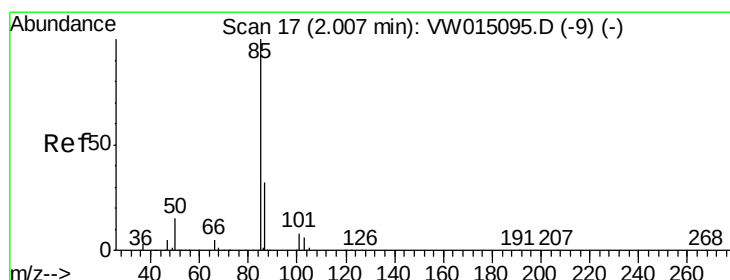
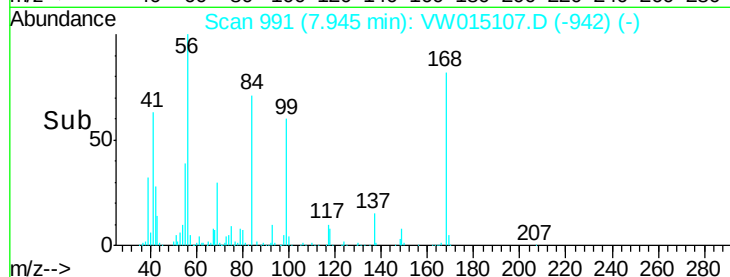
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 55.844 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015107.D

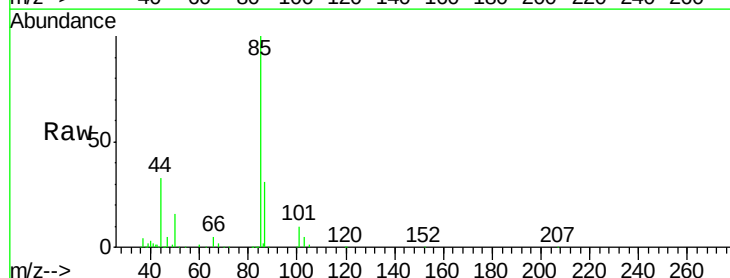
Acq: 10 Mar 2020 10:46

Tgt Ion: 85 Resp: 120309

Ion Ratio Lower Upper

85 100

87 30.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

50000

40000

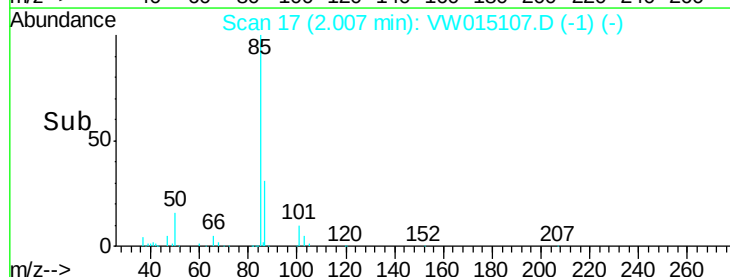
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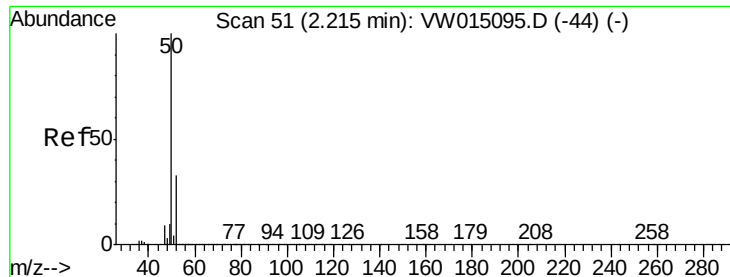
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 50.883 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 235239

Ion Ratio Lower Upper

50 100

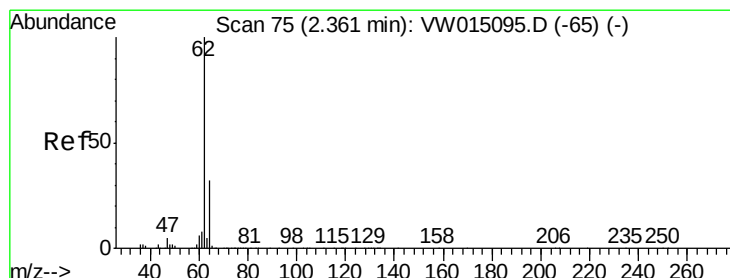
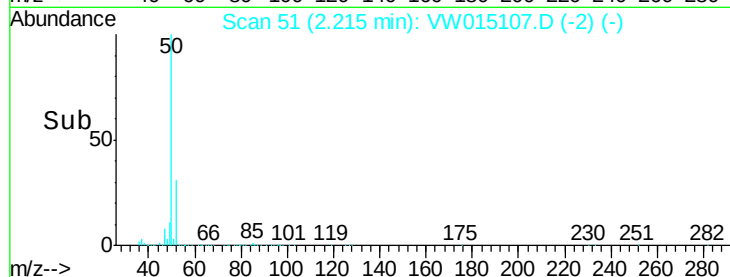
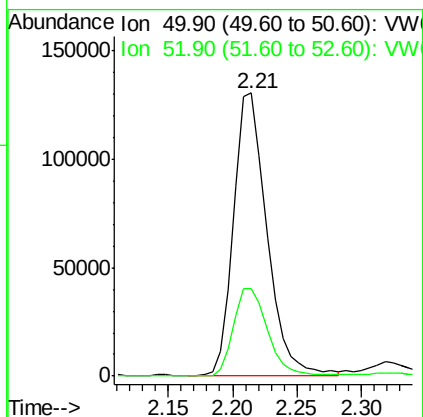
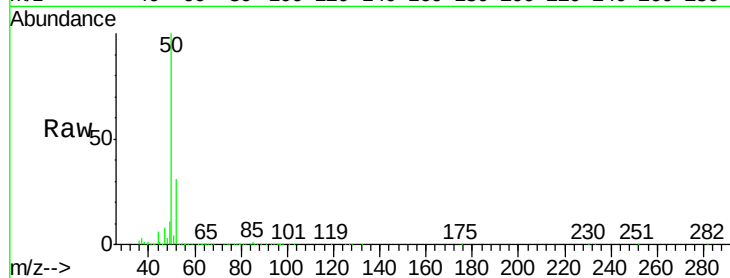
52 31.0 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.961 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015107.D

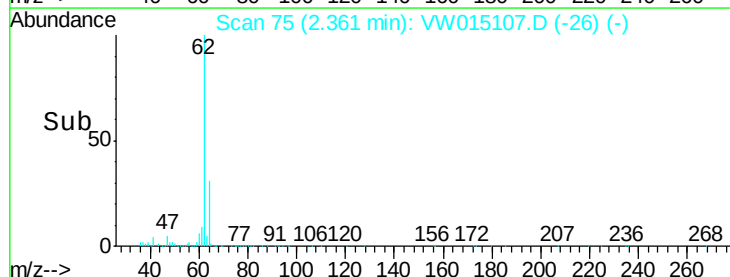
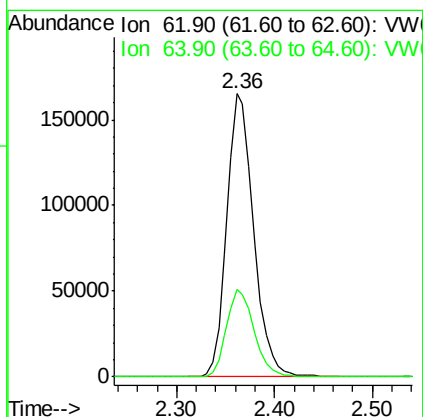
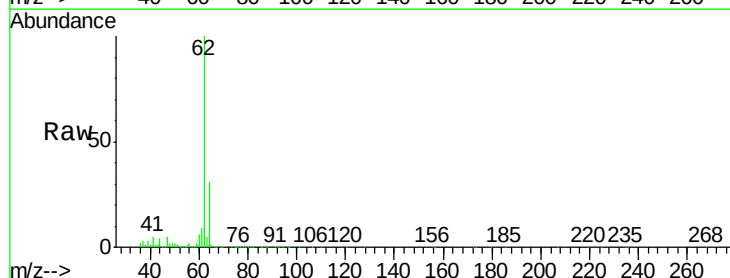
Acq: 10 Mar 2020 10:46

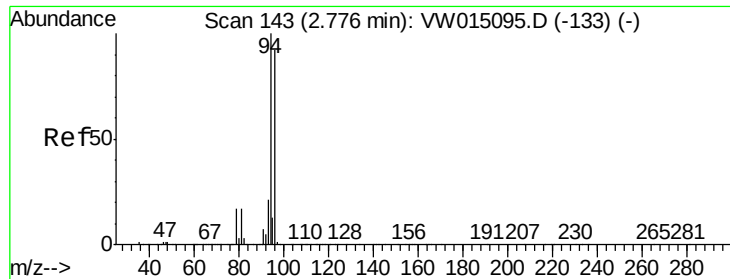
Tgt Ion: 62 Resp: 314490

Ion Ratio Lower Upper

62 100

64 30.8 25.3 37.9





#5

Bromomethane

Concen: 50.800 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 175751

Ion Ratio Lower Upper

94 100

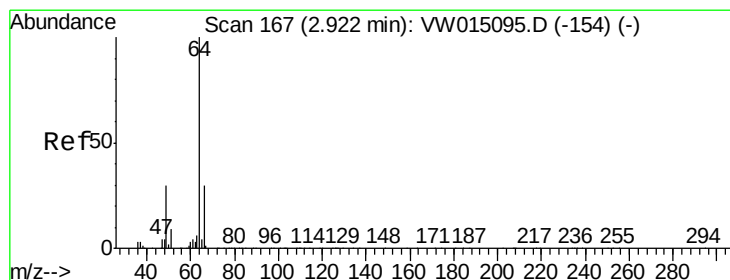
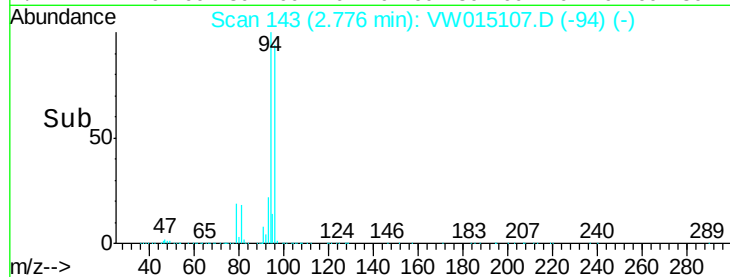
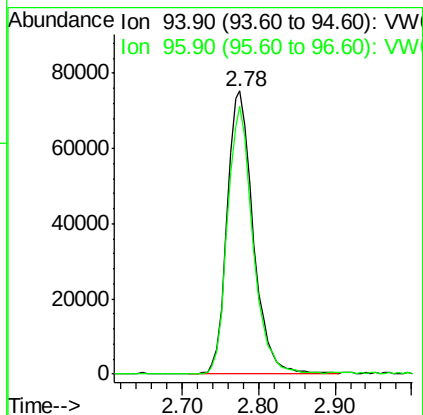
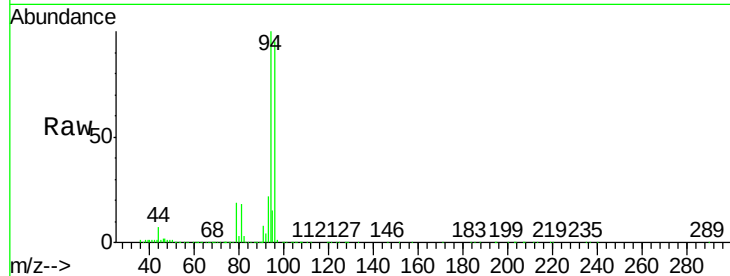
96 94.7 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 54.180 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015107.D

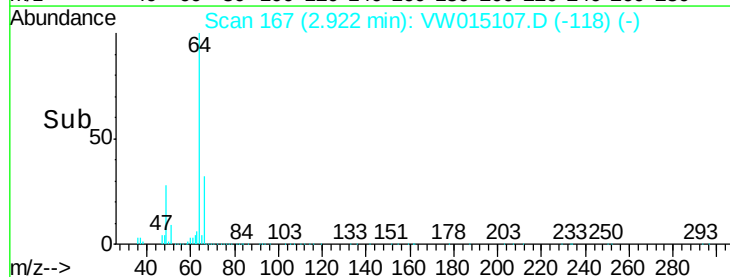
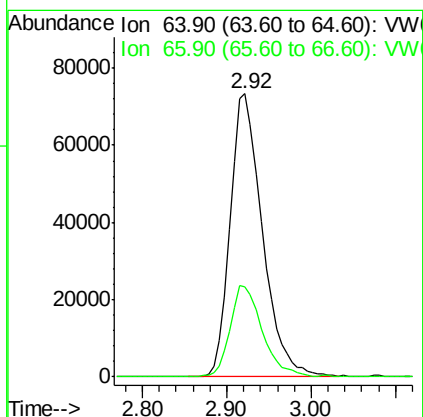
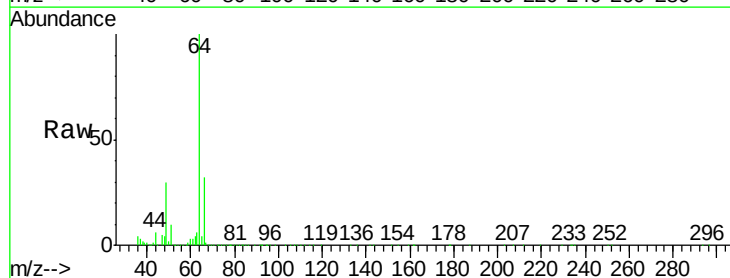
Acq: 10 Mar 2020 10:46

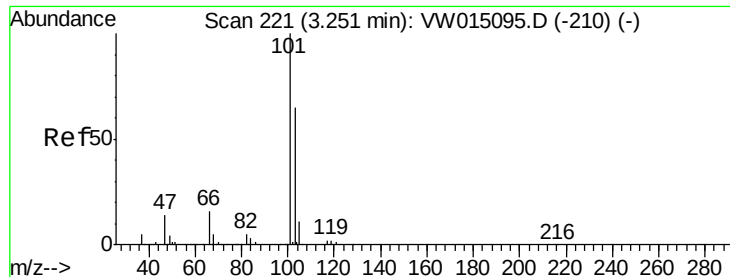
Tgt Ion: 64 Resp: 189937

Ion Ratio Lower Upper

64 100

66 31.9 24.2 36.2





#7

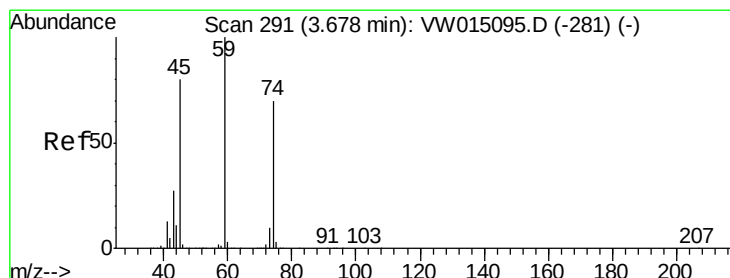
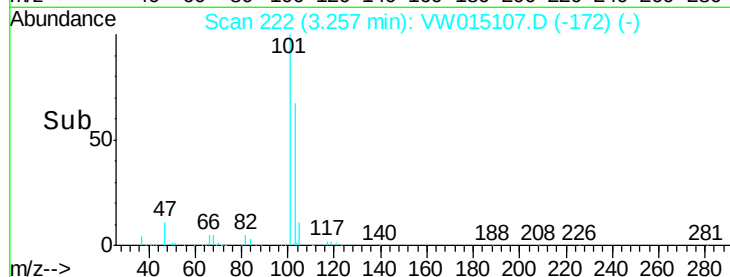
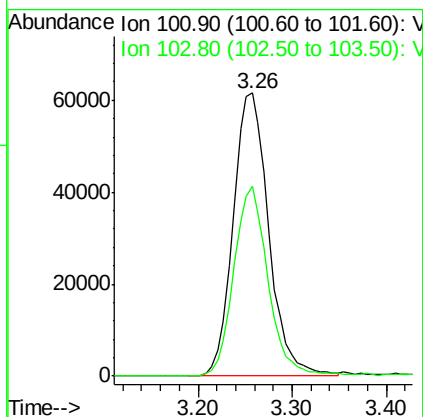
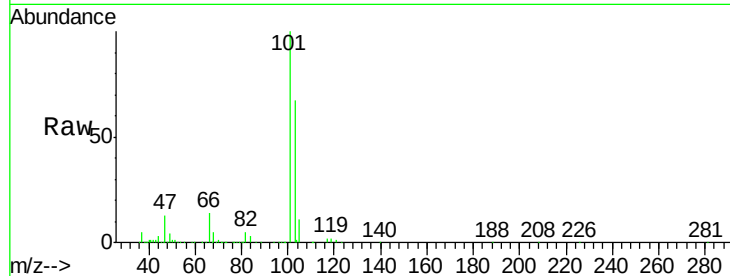
Trichlorofluoromethane
Concen: 53.507 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.8	77.6

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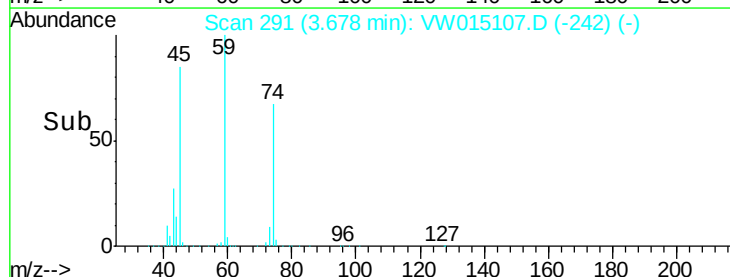
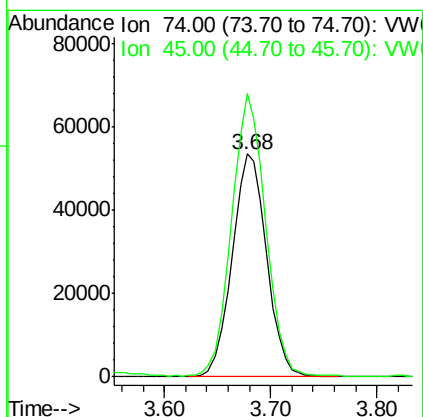
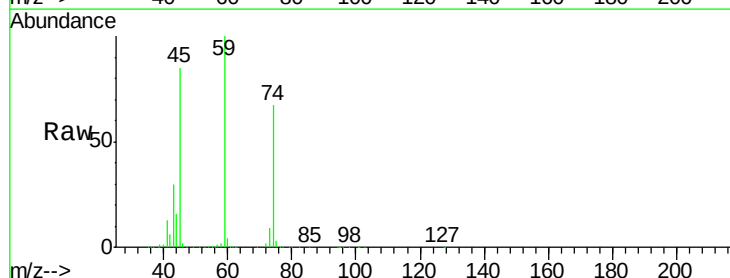
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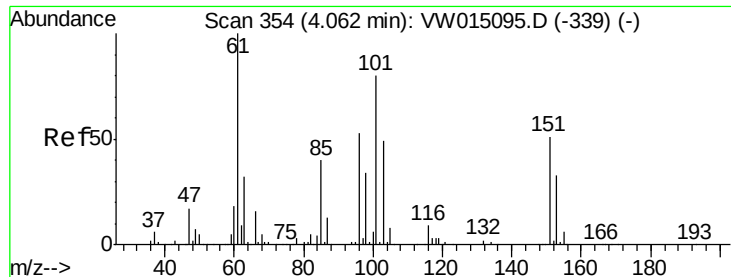


#8

Diethyl Ether
Concen: 52.573 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	124.4	59.2	177.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.875 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015107.D

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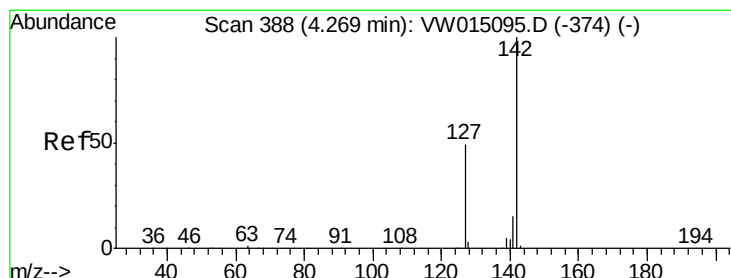
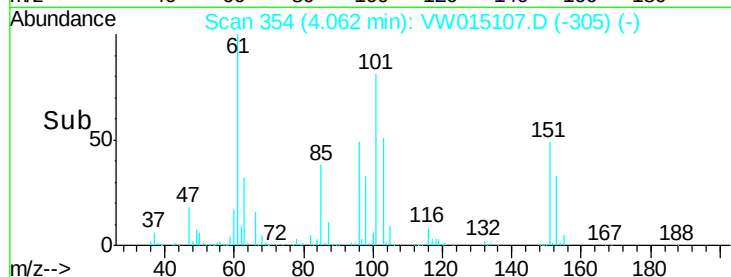
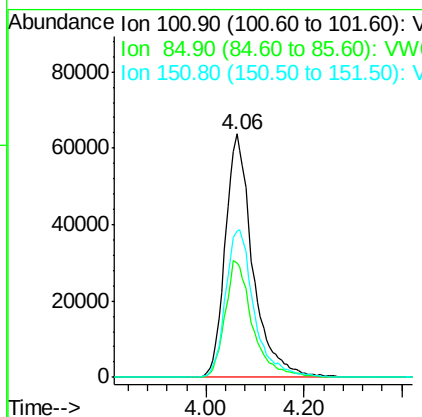
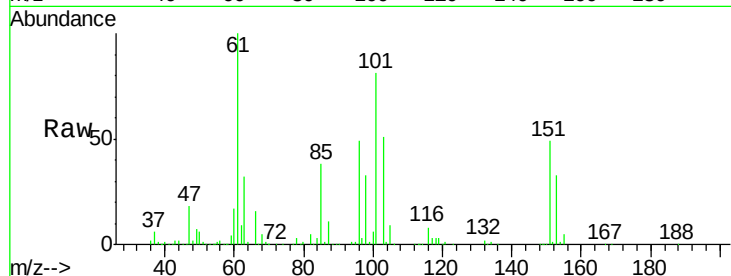
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	248751
Ion Ratio	Lower	Upper	
101	100		
85	47.7	39.0	58.4
151	62.8	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 52.107 ug/l

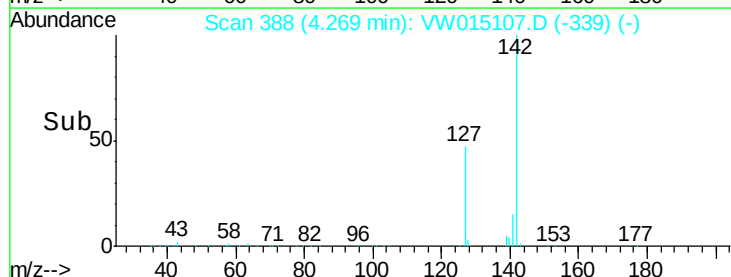
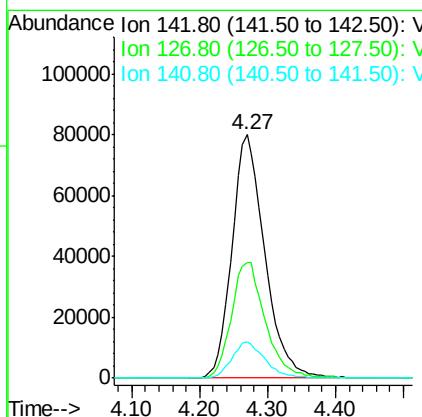
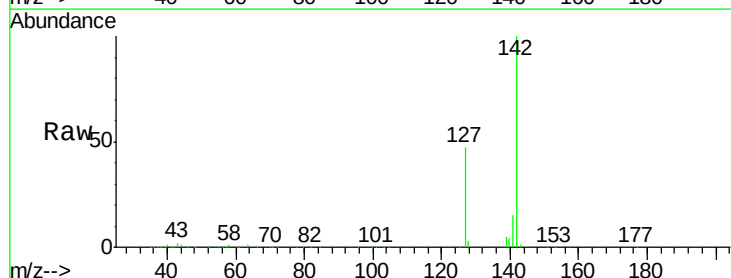
RT: 4.27 min Scan# 388

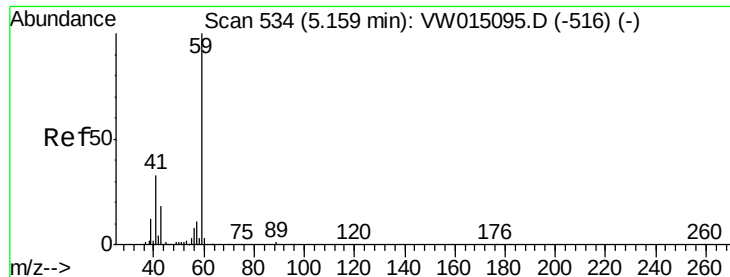
Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion:	142	Resp:	267650
Ion Ratio	Lower	Upper	
142	100		
127	49.4	38.2	57.4
141	15.0	12.0	18.0





#11

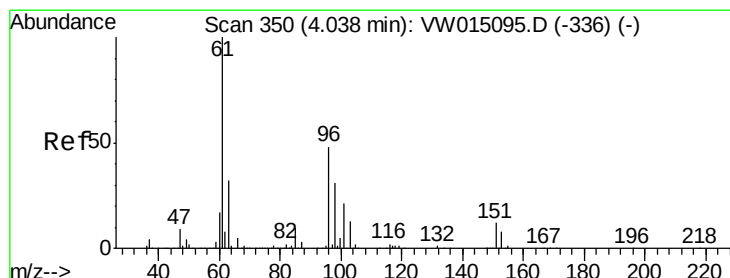
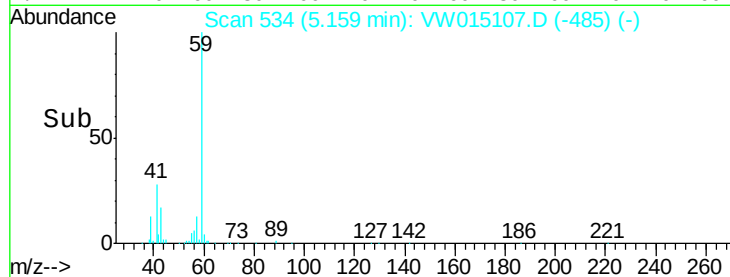
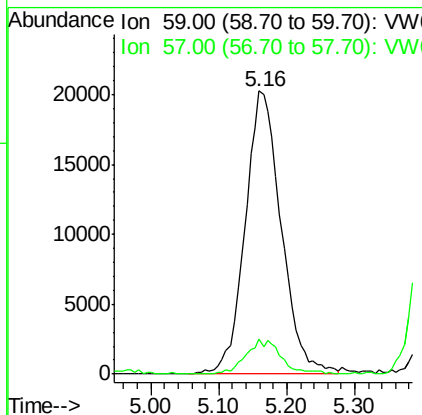
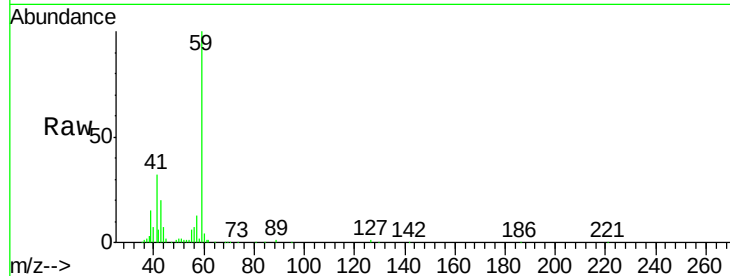
Tert butyl alcohol
Concen: 249.066 ug/l
RT: 5.16 min Scan# 534
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.0	9.1	13.7

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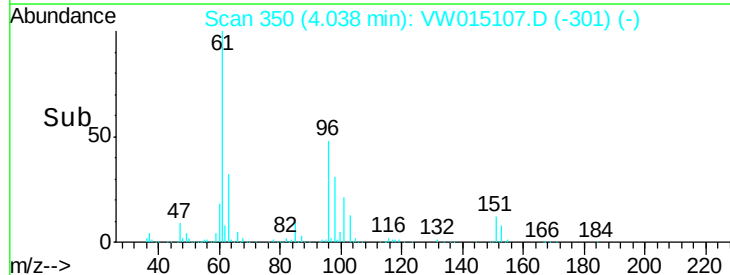
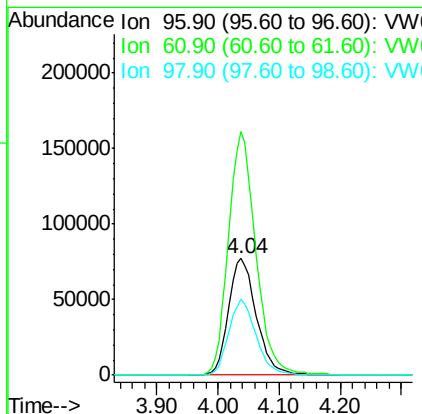
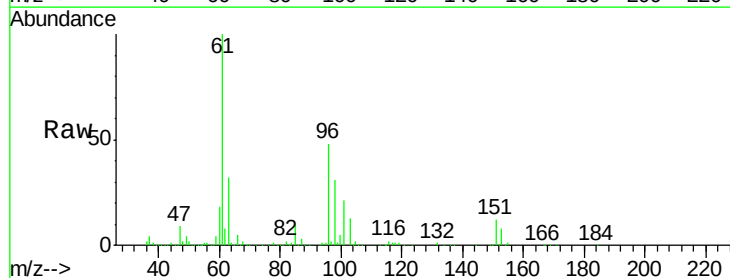
MMDadoda
3/11/2020 3:22:07 PM

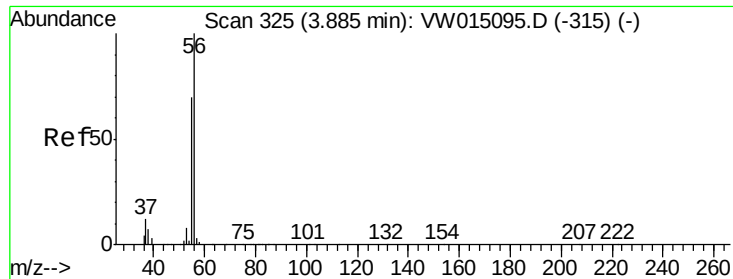


#12

1,1-Dichloroethene
Concen: 53.516 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	208.5	165.5	248.3
98	65.5	51.1	76.7





#13

Acrolein

Concen: 235.619 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 103459

Ion Ratio Lower Upper

56 100

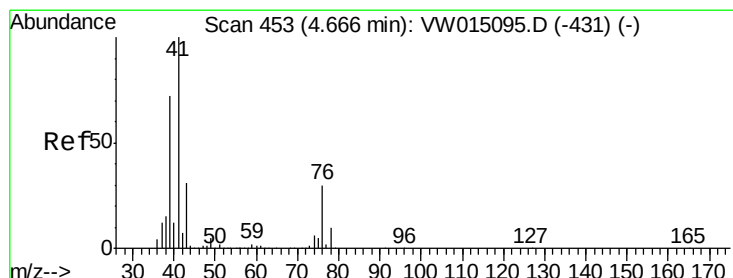
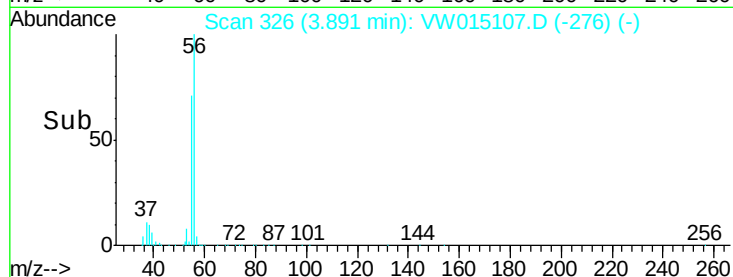
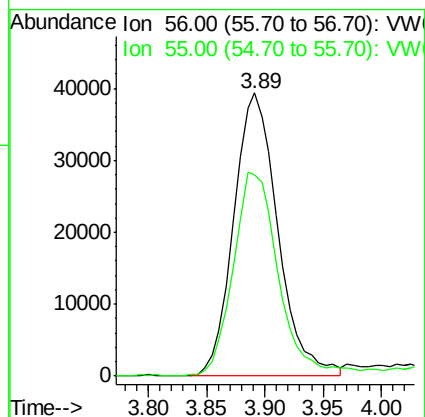
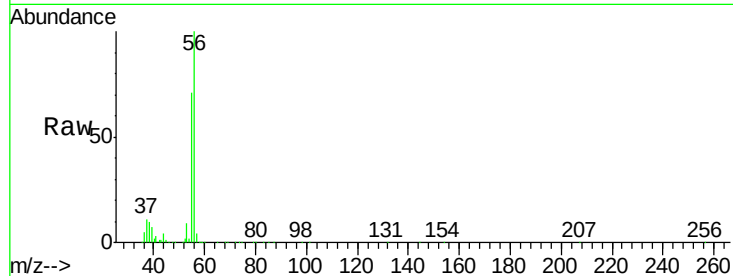
55 73.8 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 55.042 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

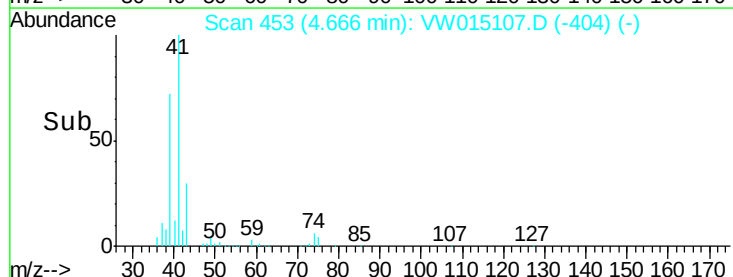
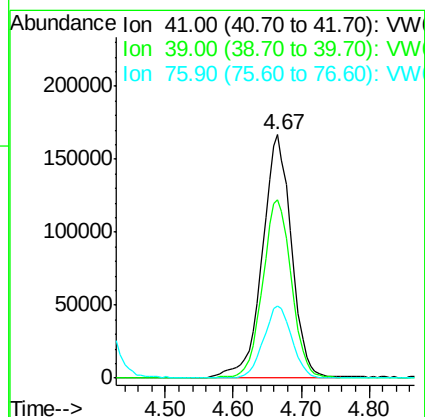
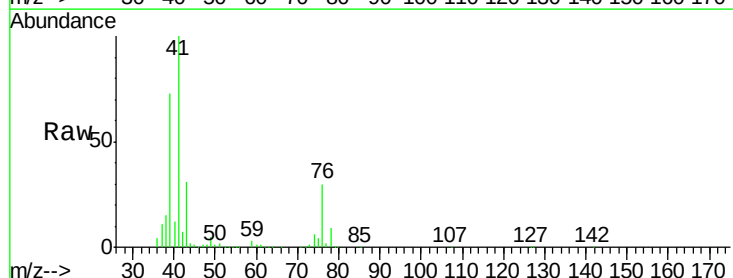
Tgt Ion: 41 Resp: 497939

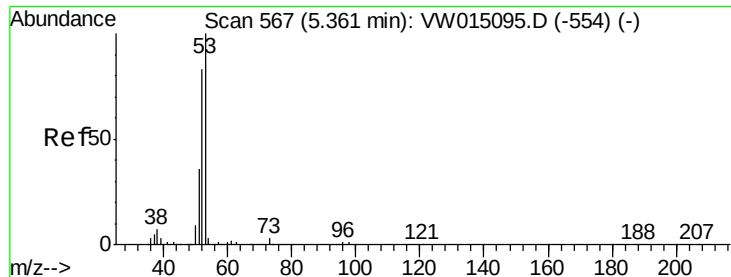
Ion Ratio Lower Upper

41 100

39 72.5 56.9 85.3

76 28.5 23.2 34.8





#15

Acrylonitrile

Concen: 277.229 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

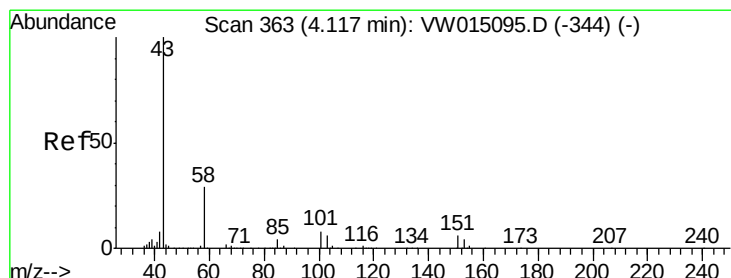
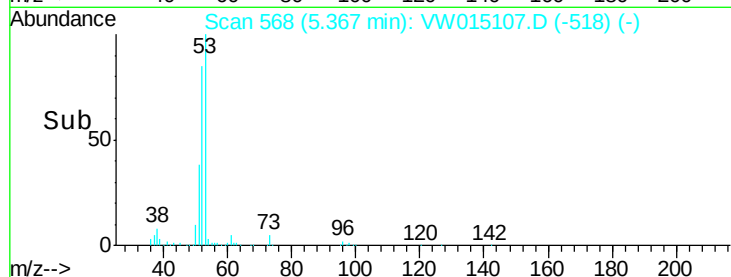
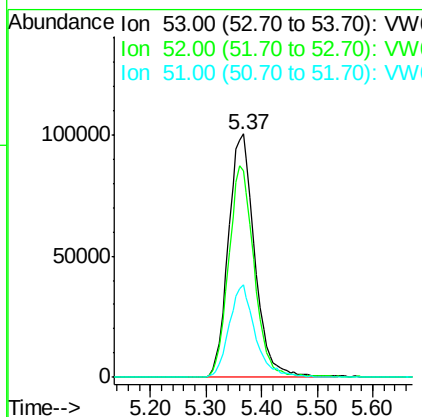
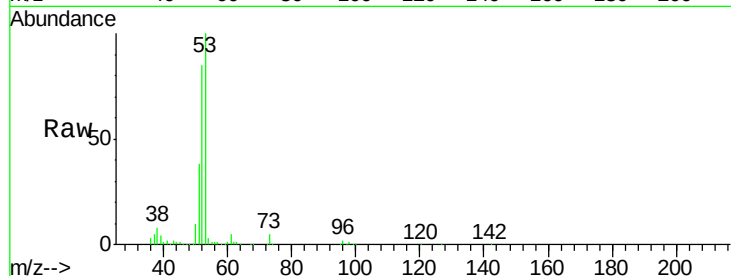
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	327960
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.2	100.8
51	37.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 289.506 ug/l

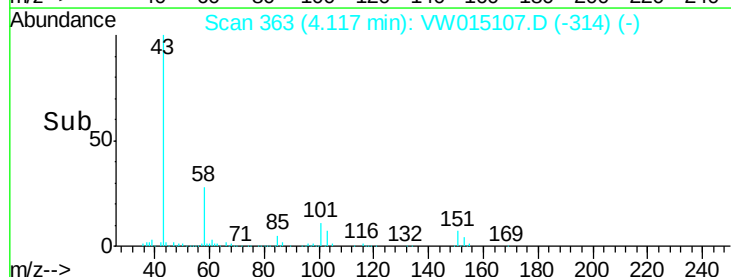
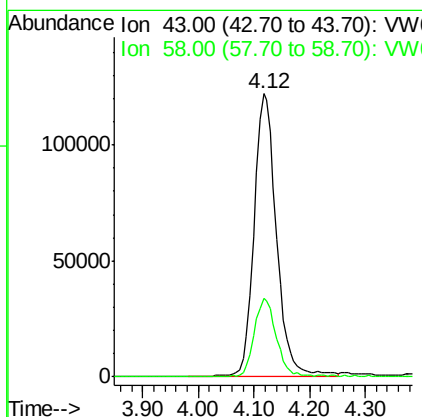
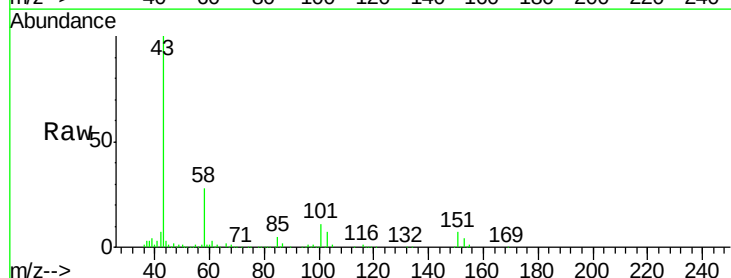
RT: 4.12 min Scan# 363

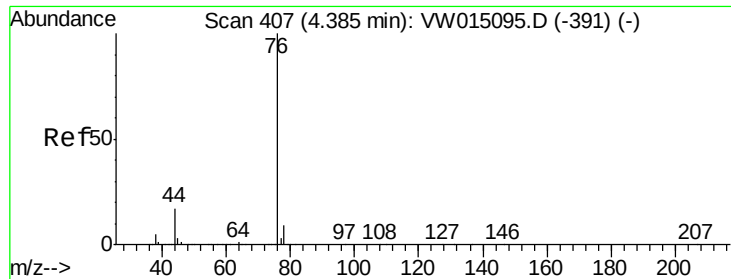
Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion:	43	Resp:	344921
Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.9	34.3





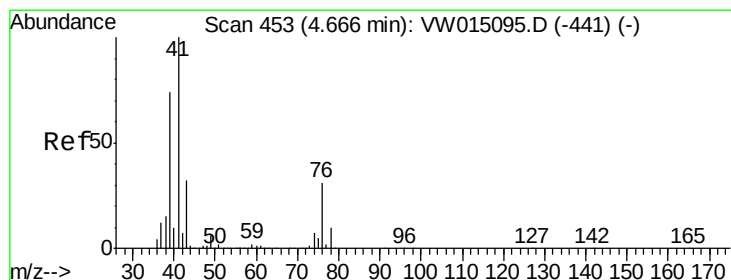
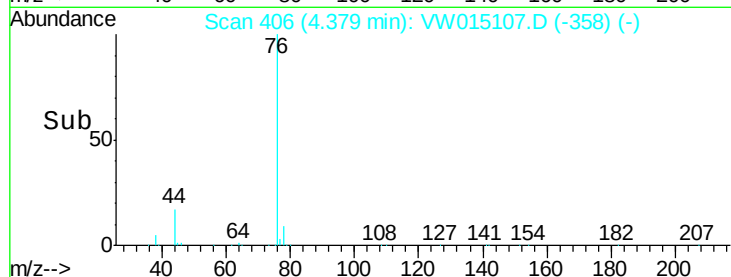
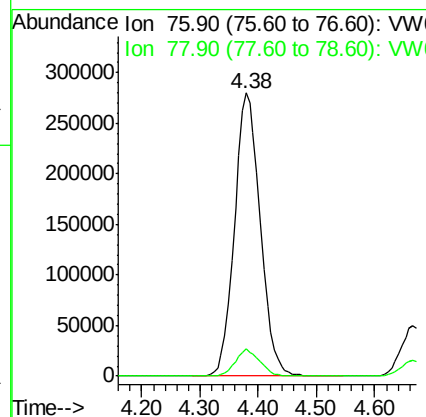
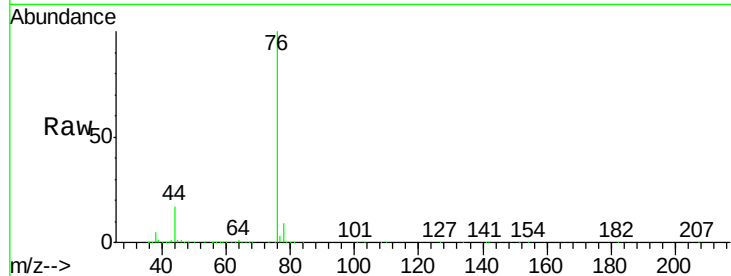
#17
Carbon Disulfide
Concen: 53.625 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

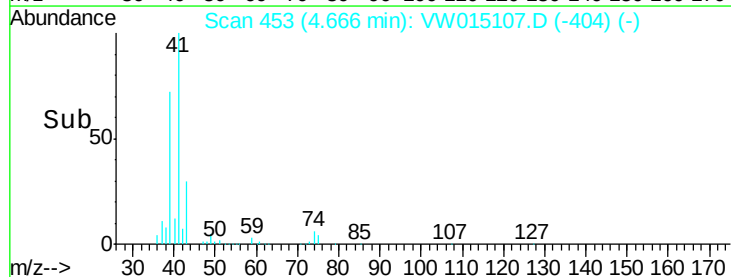
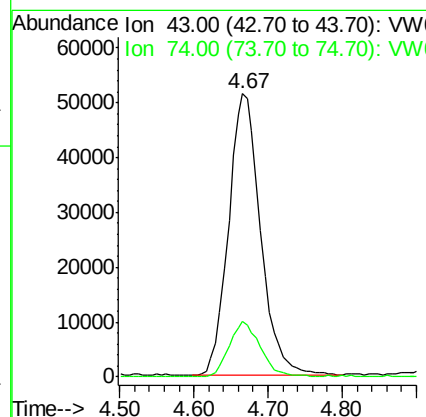
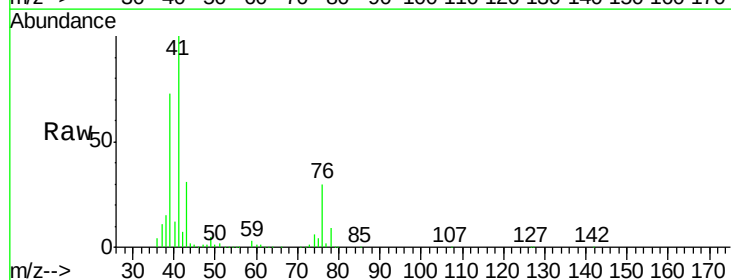
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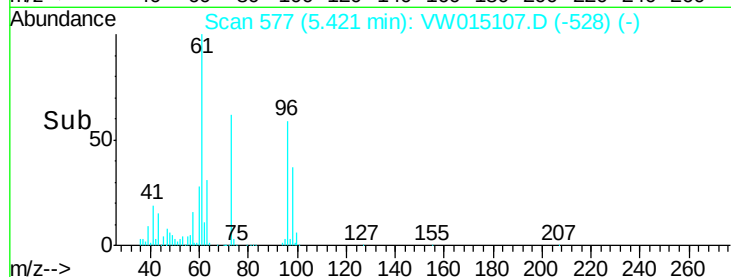
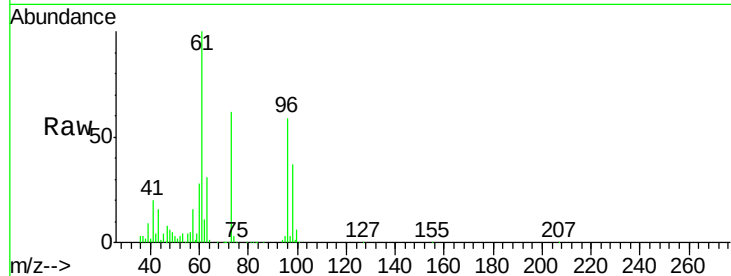
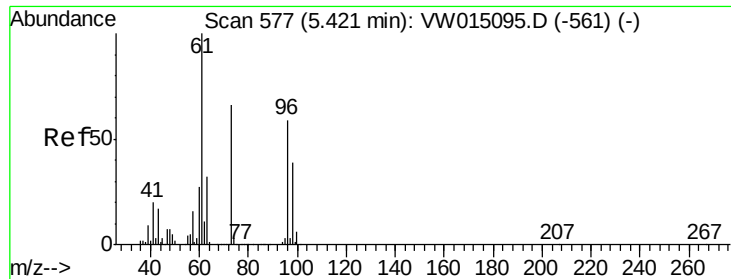
MMDadoda
3/11/2020 3:22:07 PM



#18
Methyl Acetate
Concen: 54.488 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.3	15.8	23.6





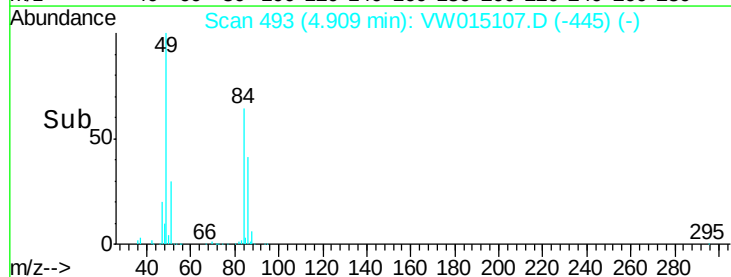
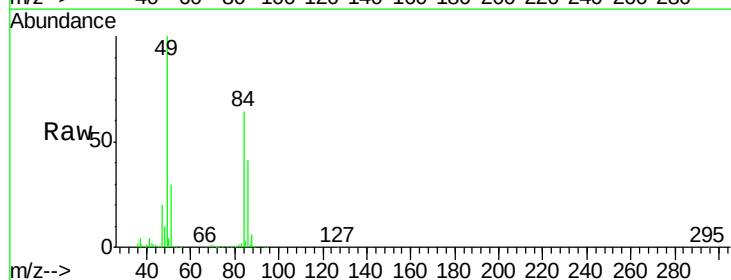
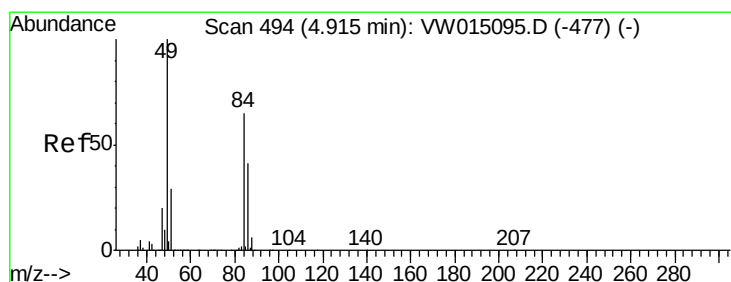
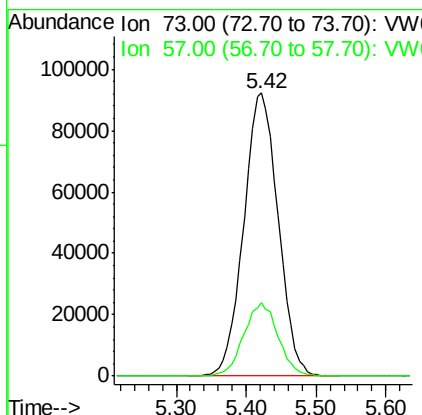
#19
Methyl tert-butyl Ether
Concen: 54.638 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tot Ion: 73 Resp: 315746
Ion Ratio Lower Upper
73 100
57 26.0 19.3 28.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

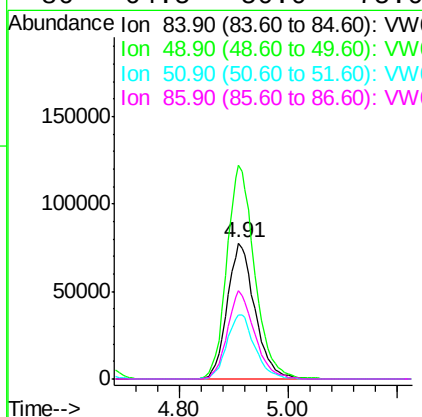
Manual Integrations
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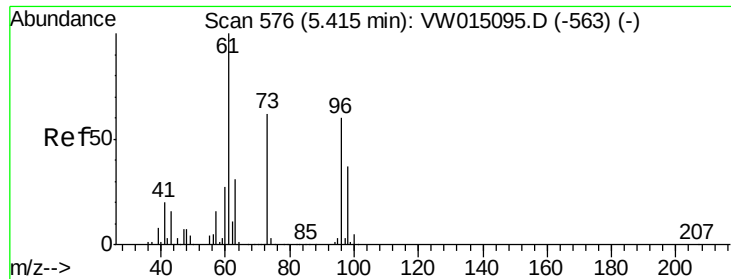
MMDadoda
3/11/2020 3:22:07 PM



#20
Methylene Chloride
Concen: 56.911 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion: 84 Resp: 274160
Ion Ratio Lower Upper
84 100
49 156.7 122.8 184.2
51 47.0 35.9 53.9
86 64.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 54.811 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

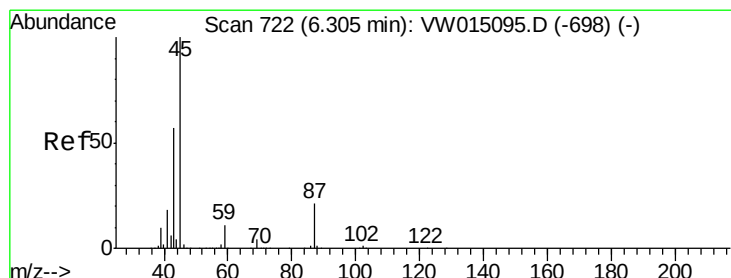
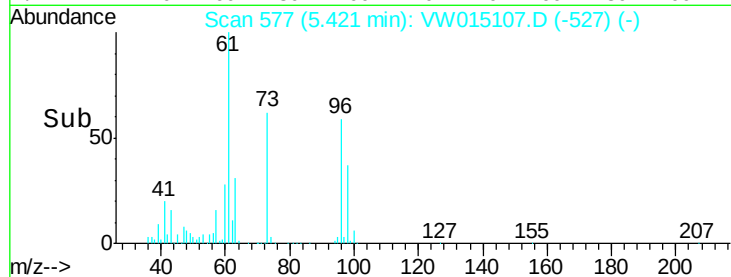
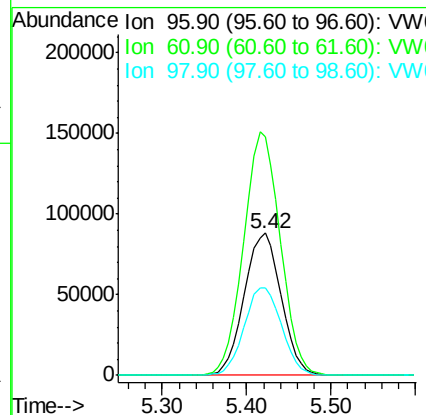
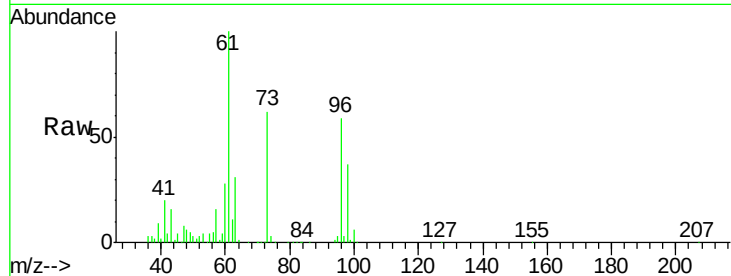
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	262700
Ion	Ratio	Lower	Upper
96	100		
61	168.2	132.5	198.7
98	61.6	48.9	73.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.769 ug/l

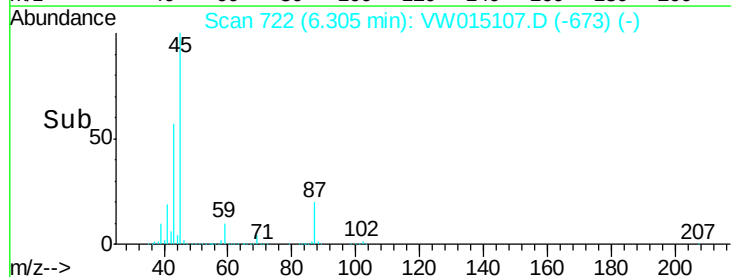
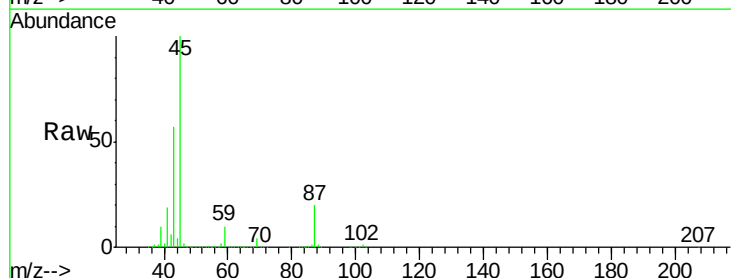
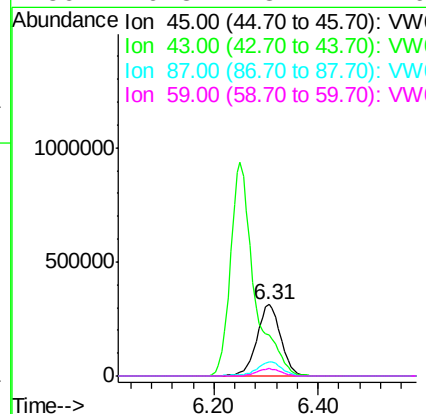
RT: 6.31 min Scan# 722

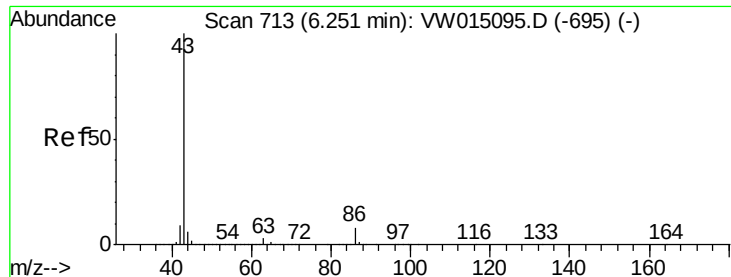
Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion:	45	Resp:	985413
Ion	Ratio	Lower	Upper
45	100		
43	57.5	45.4	68.0
87	20.4	16.4	24.6
59	10.3	8.4	12.6





#23

Vinyl Acetate

Concen: 291.226 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2984152

Ion Ratio Lower Upper

43 100

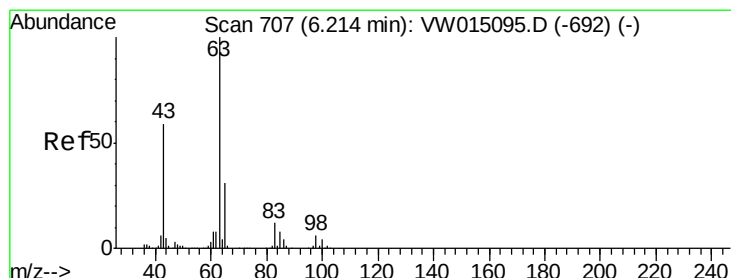
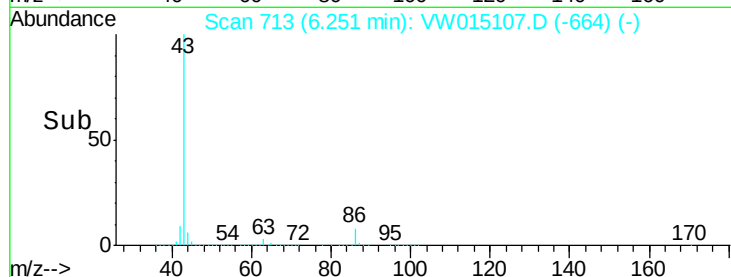
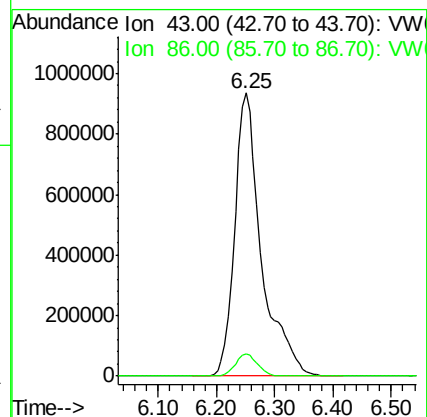
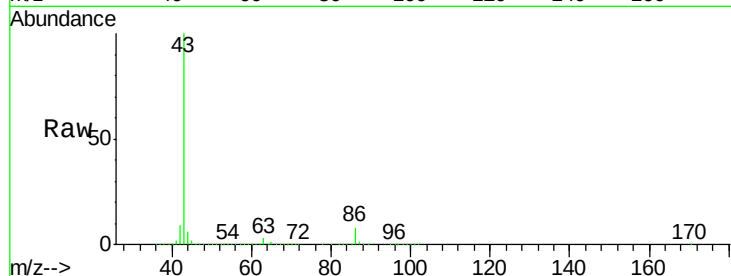
86 7.8 6.3 9.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.956 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

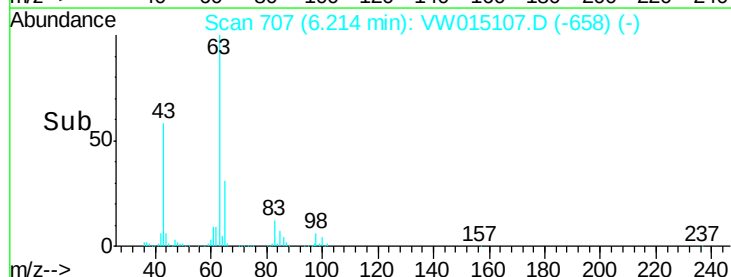
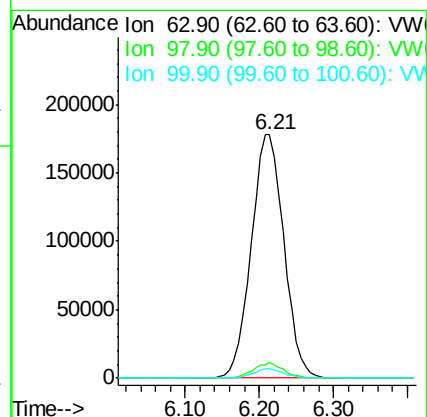
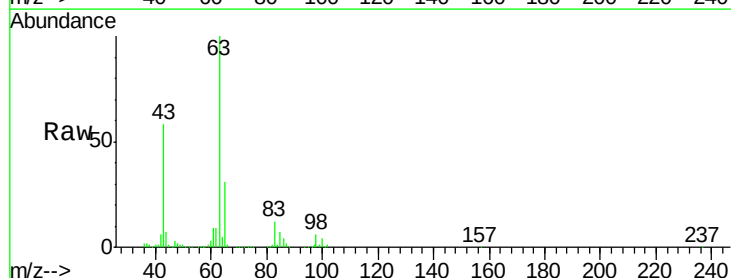
Tgt Ion: 63 Resp: 546164

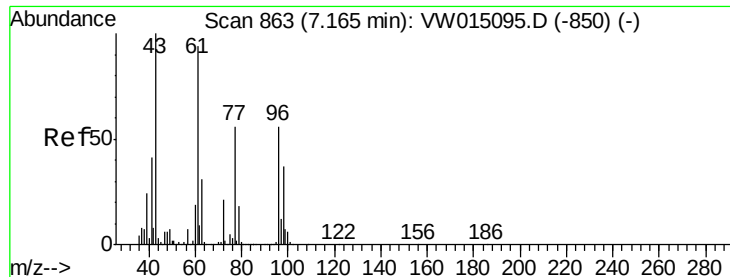
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.7 2.1 6.3





#25

2-Butanone

Concen: 287.291 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 469231

Ion Ratio Lower Upper

43 100

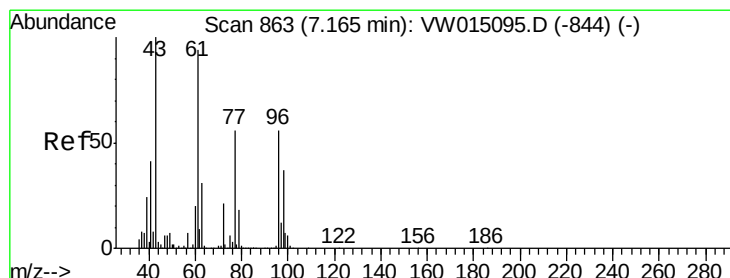
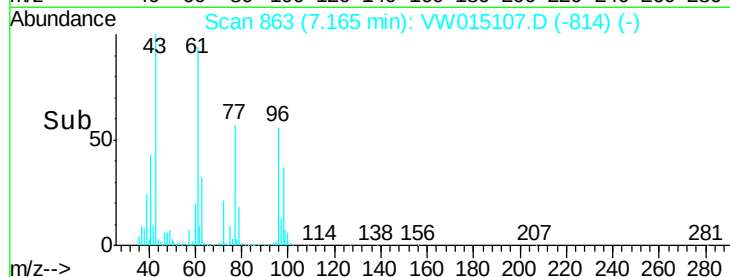
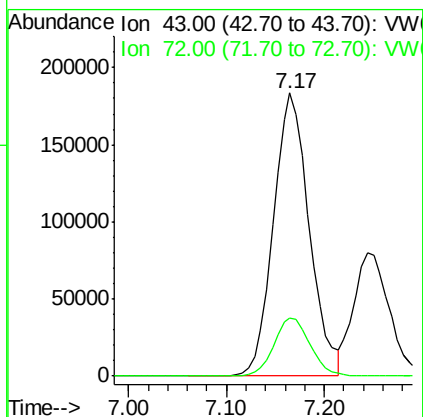
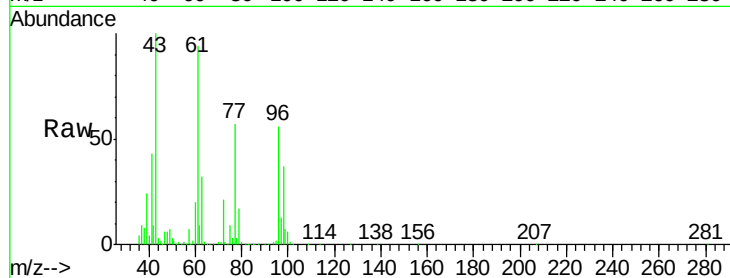
72 20.6 17.0 25.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.296 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW015107.D

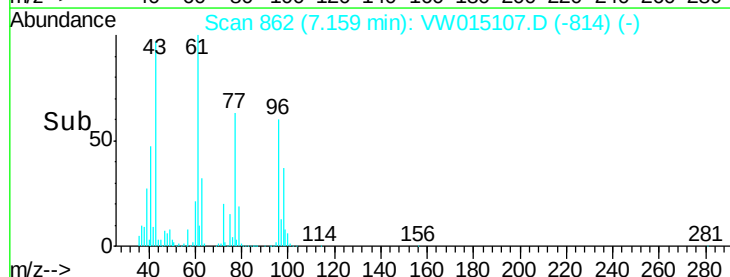
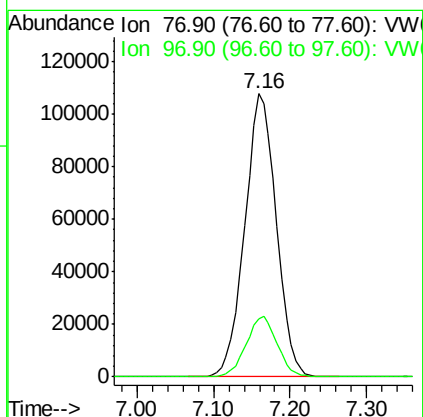
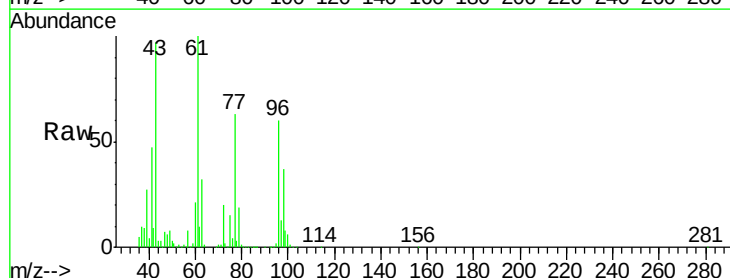
Acq: 10 Mar 2020 10:46

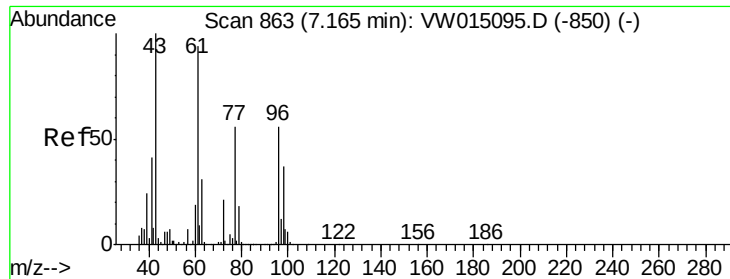
Tgt Ion: 77 Resp: 308547

Ion Ratio Lower Upper

77 100

97 21.0 10.6 31.8





#27

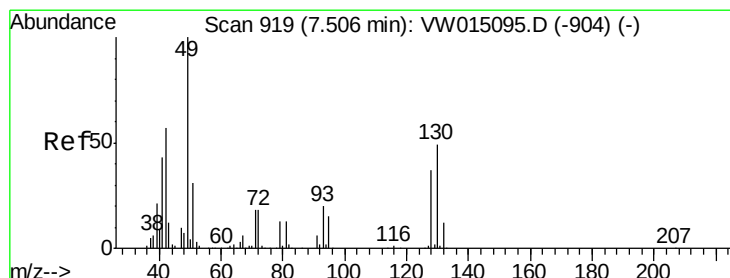
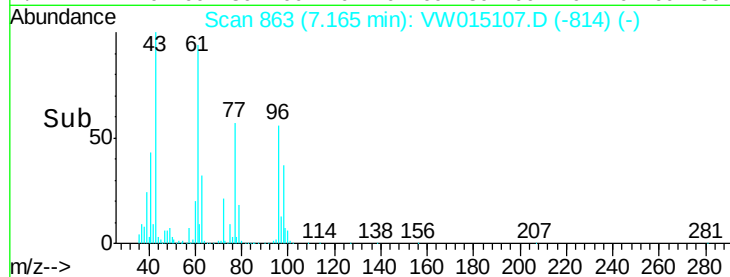
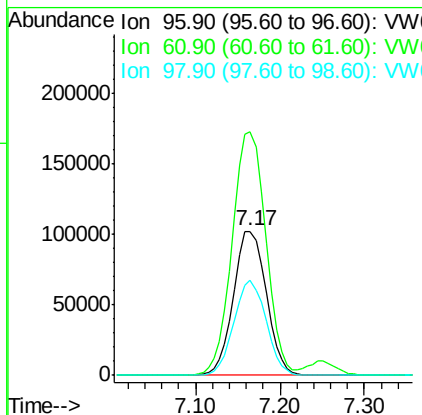
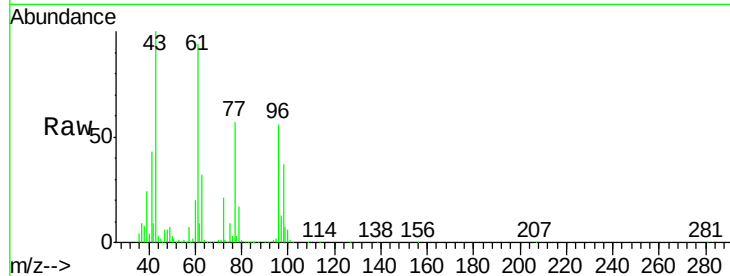
cis-1,2-Dichloroethene
Concen: 54.250 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270698		
61	173.1	0.0	343.4	
98	64.7	0.0	127.6	

Manual Integrations
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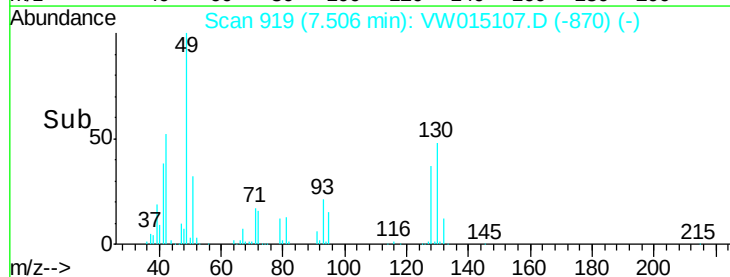
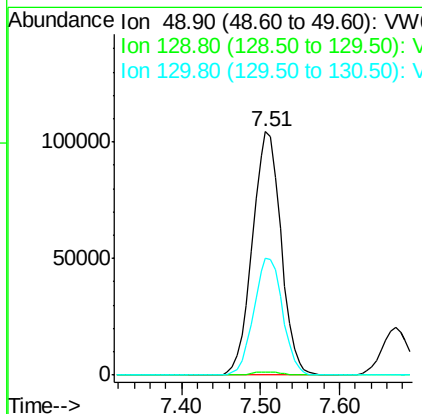
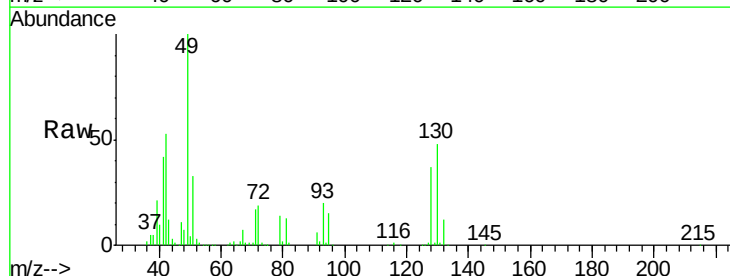
MMDadoda
3/11/2020 3:22:07 PM

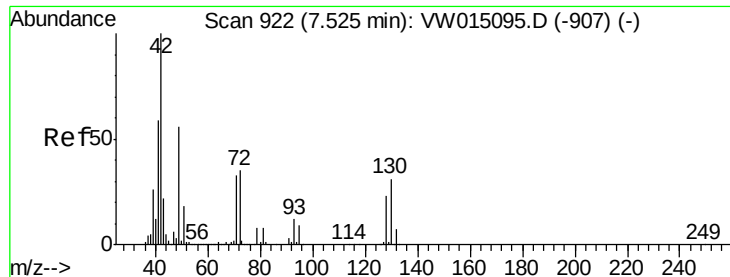


#28

Bromochloromethane
Concen: 54.268 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	263215		
129	1.5	0.0	3.0	
130	48.3	39.8	59.6	





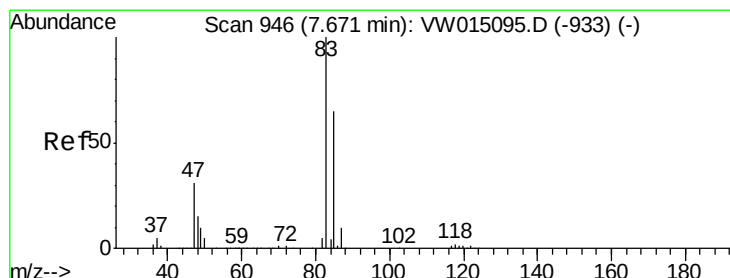
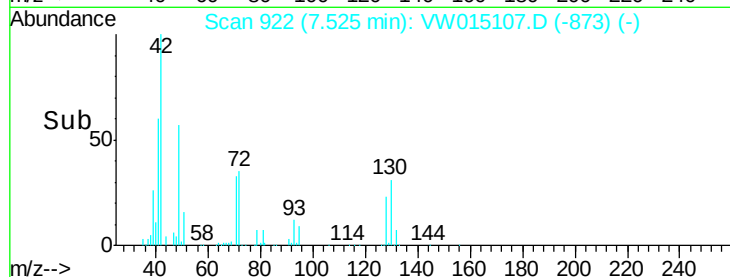
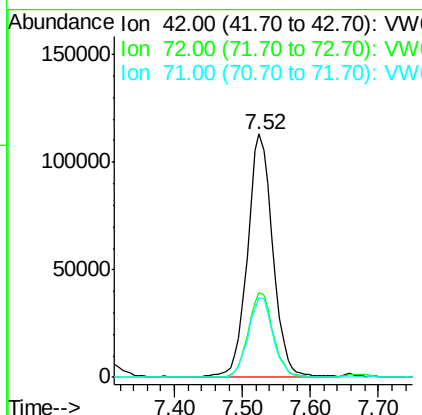
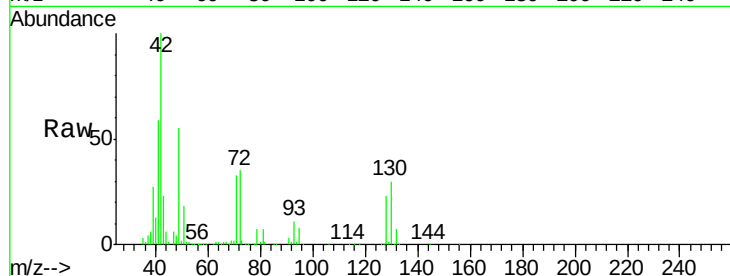
#29
Tetrahydrofuran
Concen: 284.993 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.5	27.8	41.6
71	32.4	26.4	39.6

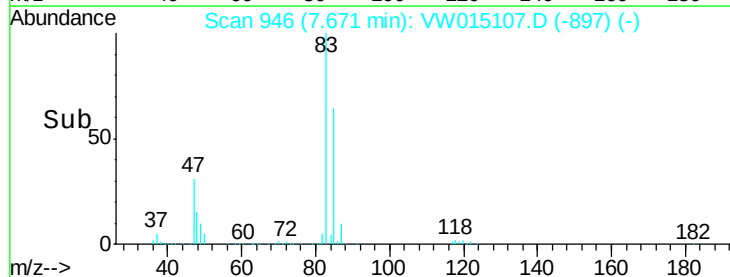
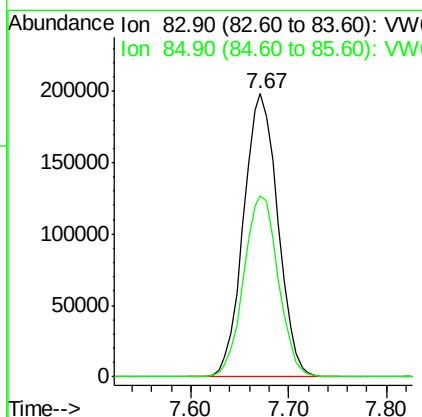
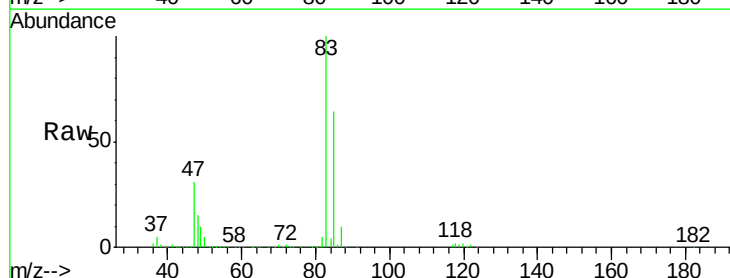
Manual Integrations
APPROVED

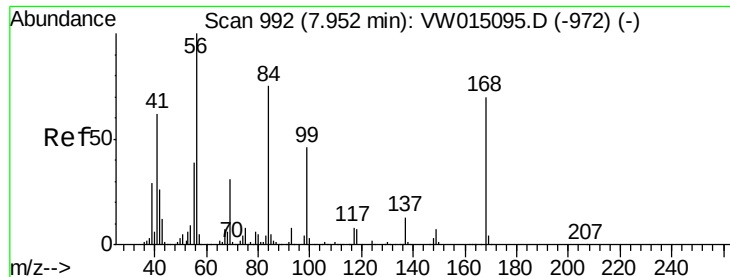
MMDadoda
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#30
Chloroform
Concen: 53.655 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





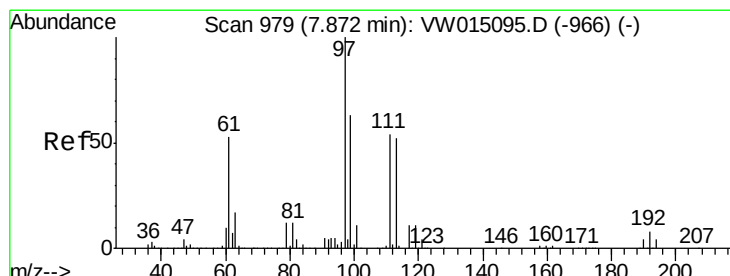
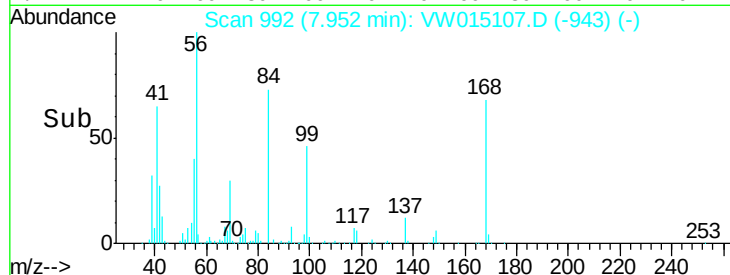
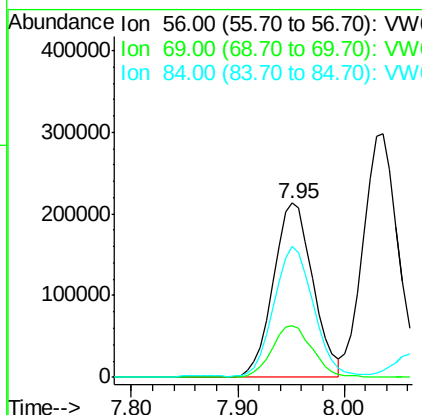
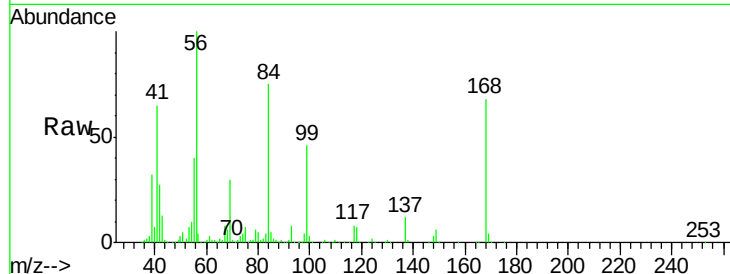
#31
Cyclohexane
Concen: 52.799 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	56	Resp:	549679
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	37.0
84	74.3	59.9	89.9

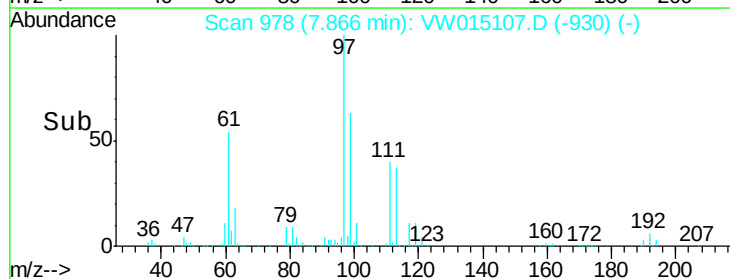
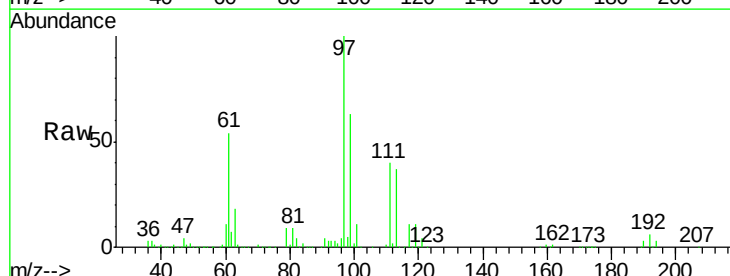
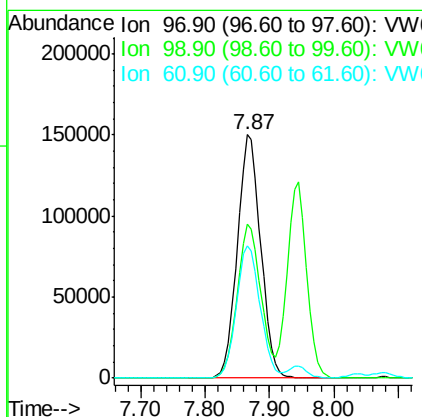
Manual Integrations
APPROVED

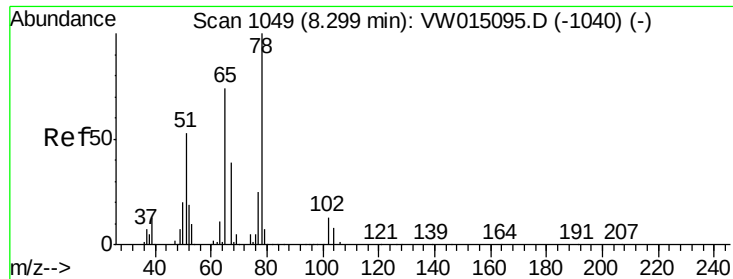
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 53.739 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion:	97	Resp:	376919
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	55.3	44.0	66.0





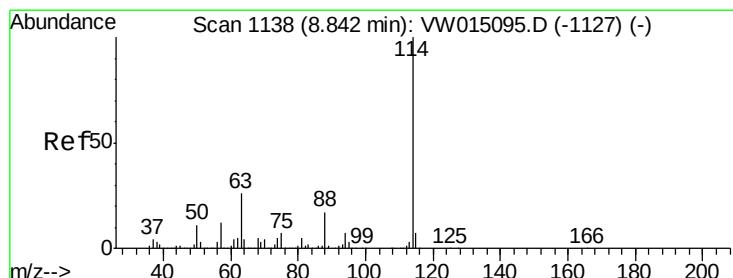
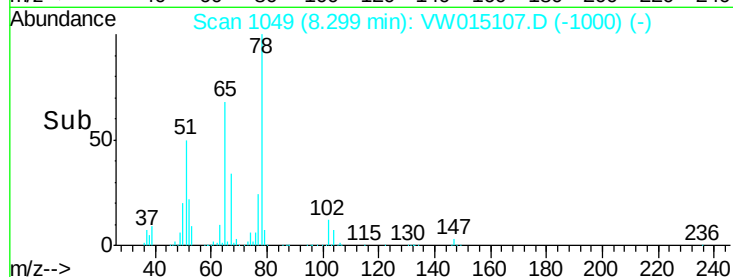
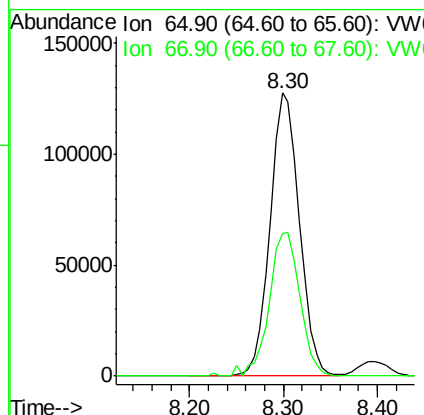
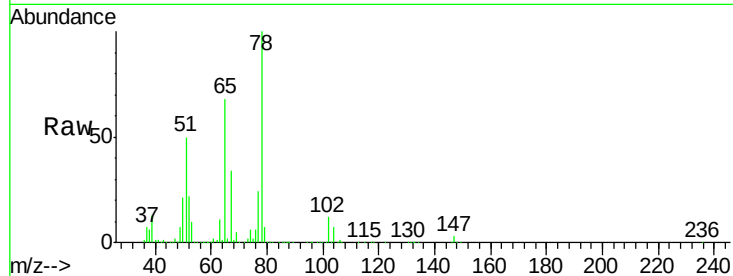
#33
 1,2-Dichloroethane-d4
 Concen: 53.314 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	278522		
67	53.3	0.0	105.0	

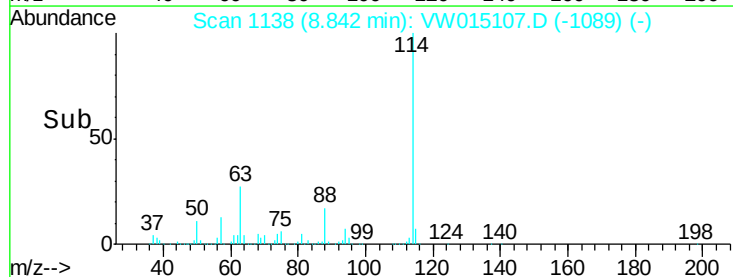
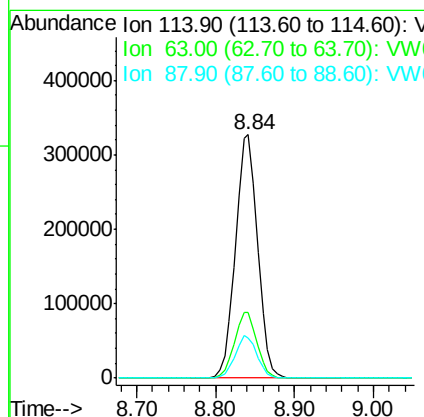
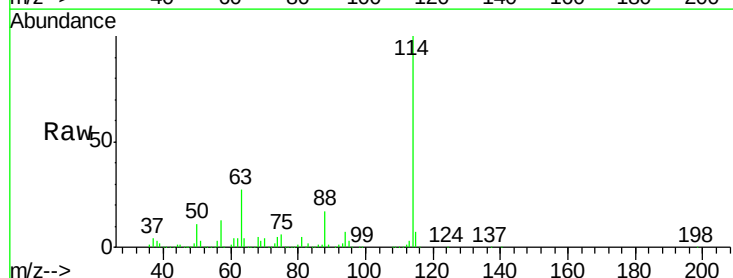
Manual Integrations
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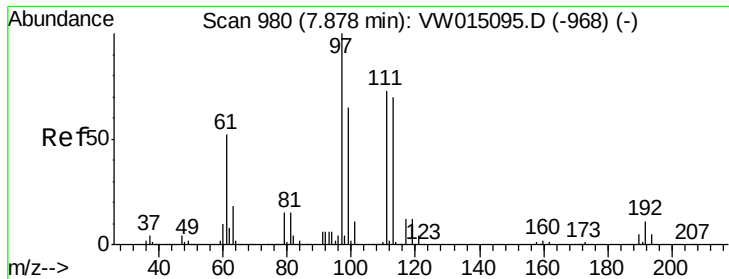
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	637521		
63	26.9	0.0	52.0	
88	16.6	0.0	34.2	





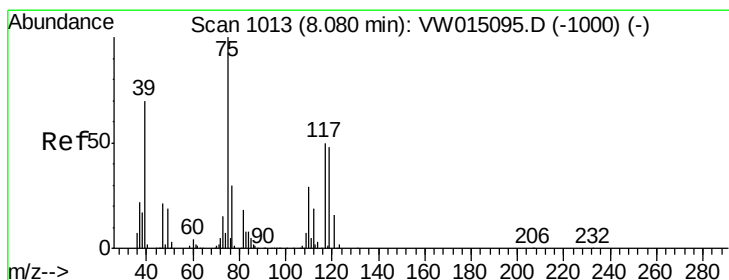
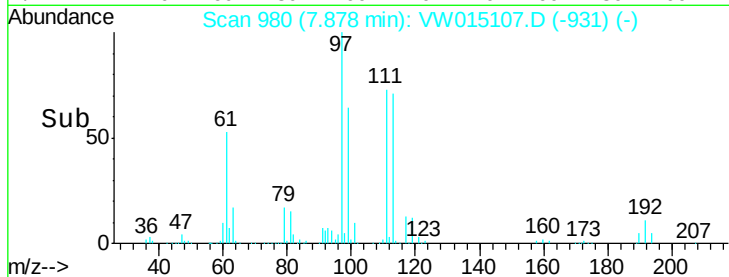
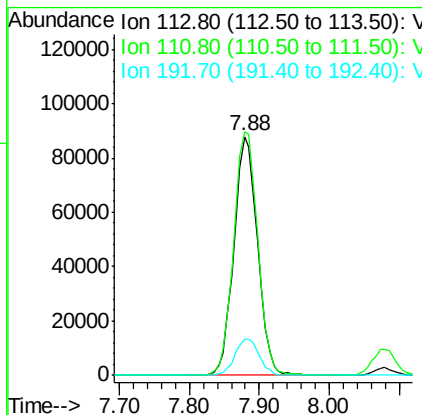
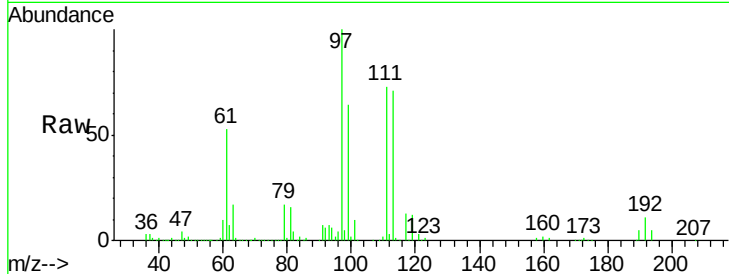
#35
 Dibromofluoromethane
 Concen: 53.724 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	205051		
111	104.9	83.6	125.4	
192	15.7	12.4	18.6	

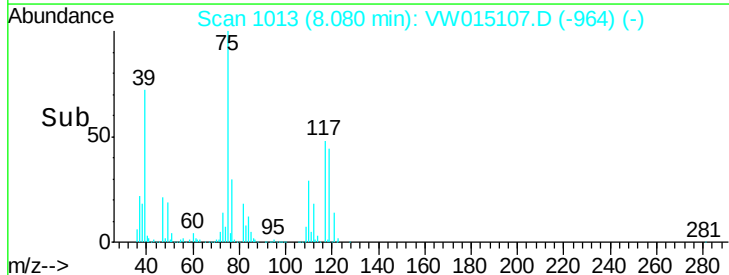
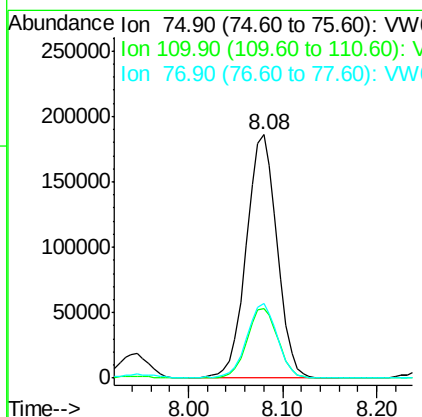
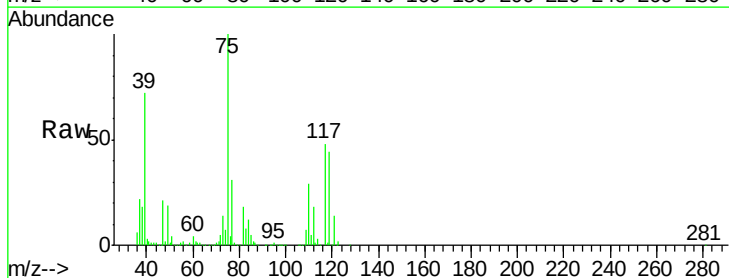
Manual Integrations
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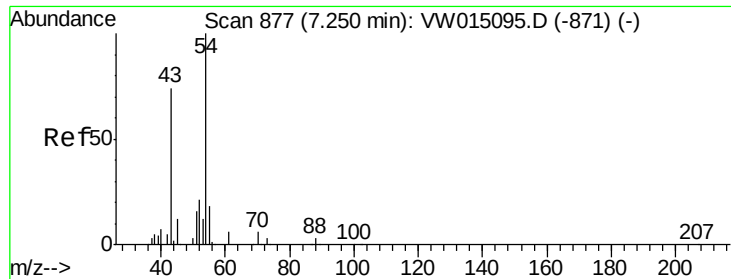
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#36
 1,1-Dichloropropene
 Concen: 57.317 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	423762		
110	29.0	14.7	44.1	
77	30.7	24.2	36.4	





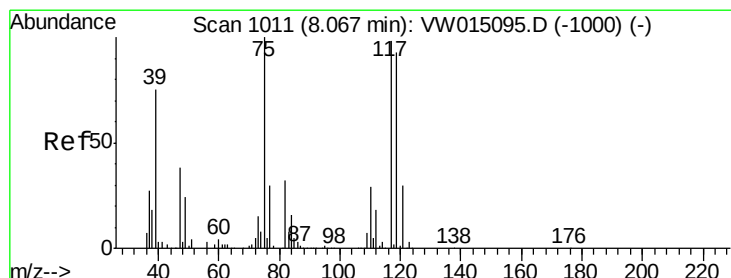
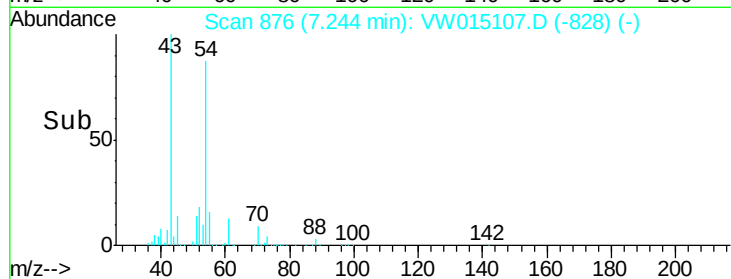
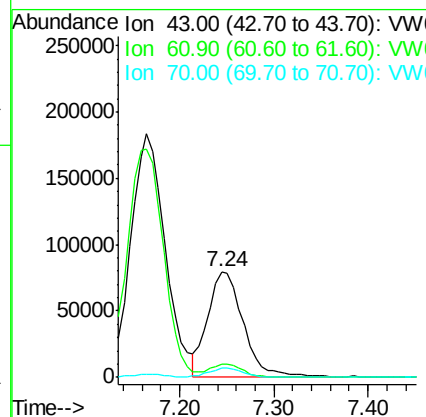
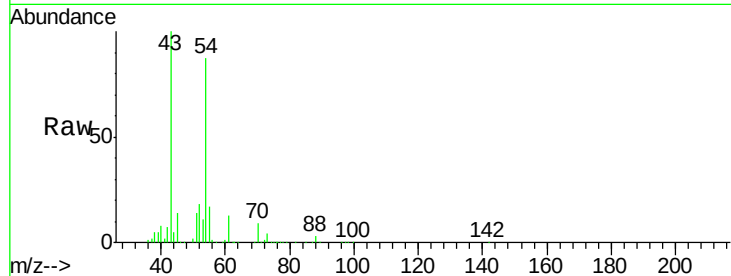
#37
Ethyl Acetate
Concen: 55.649 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	205054		
61	11.3		9.6	14.4
70	8.5		6.5	9.7

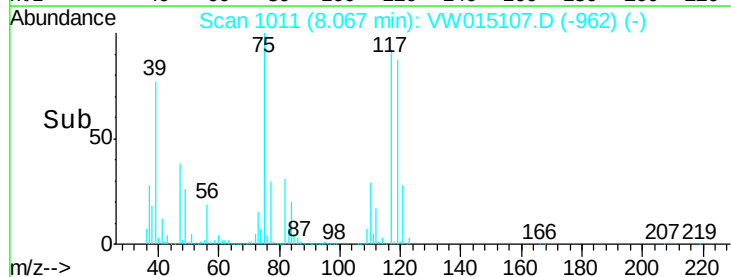
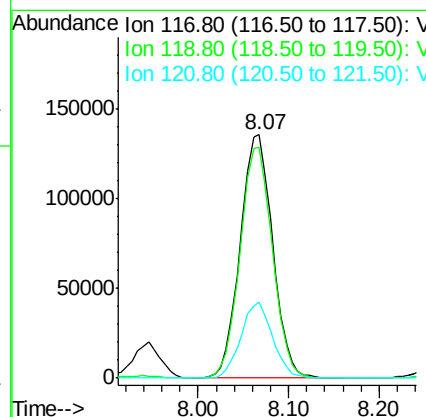
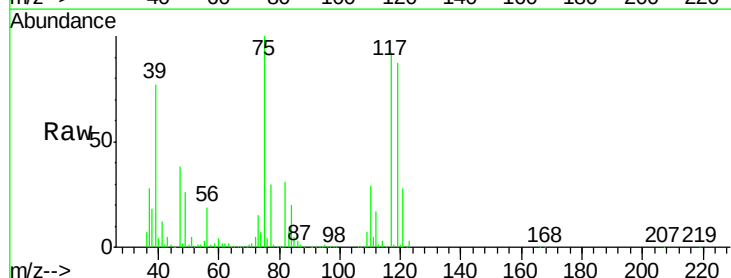
Manual Integrations
APPROVED

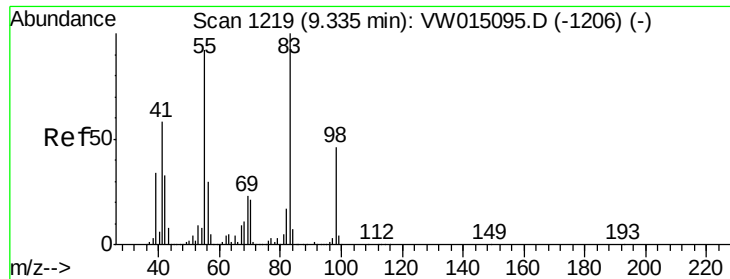
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#38
Carbon Tetrachloride
Concen: 56.051 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	337344		
119	94.8		75.8	113.8
121	31.0		24.5	36.7





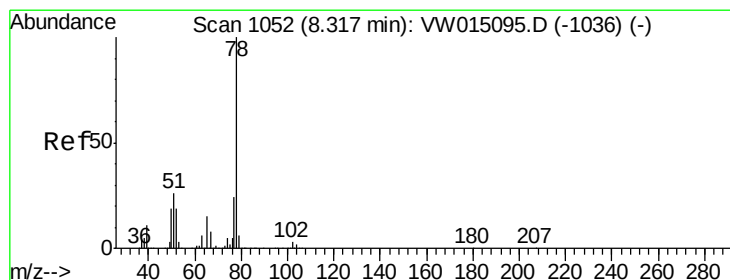
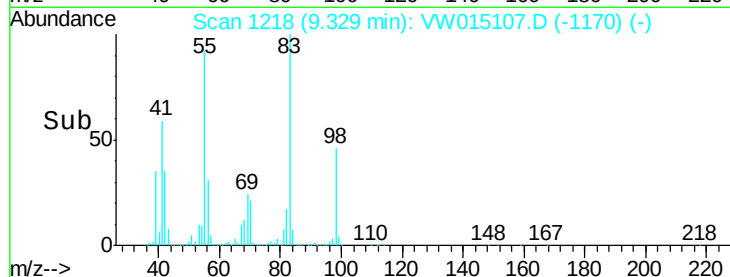
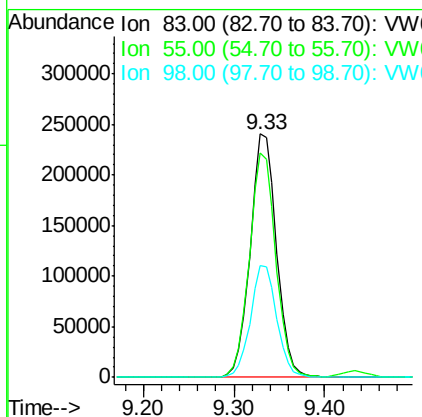
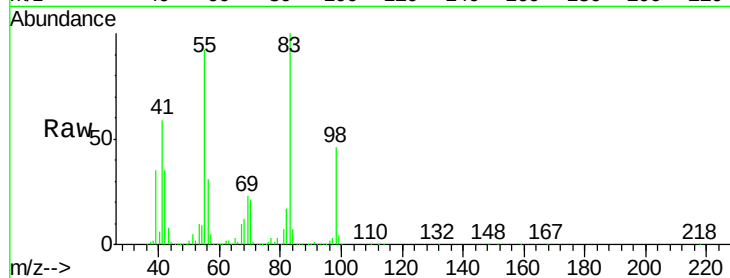
#39
Methylvlcyclohexane
Concen: 57.207 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.3	73.5	110.3
98	45.8	37.2	55.8

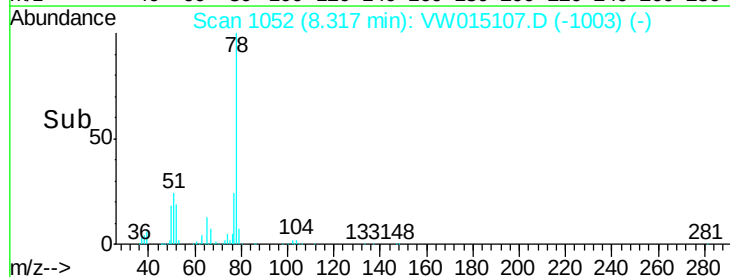
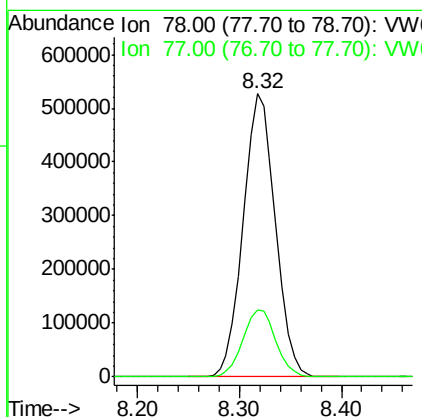
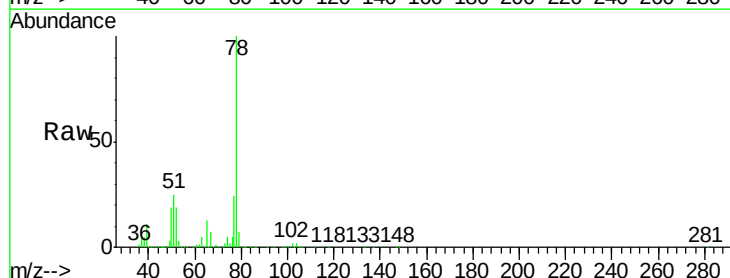
Manual Integrations
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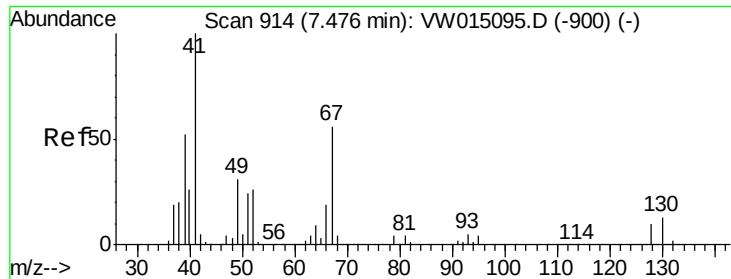
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3/11/2020 3:22:07 PM



#40
Benzene
Concen: 56.205 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





#41

Methacrylonitrile

Concen: 63.548 ug/l

RT: 7.48 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

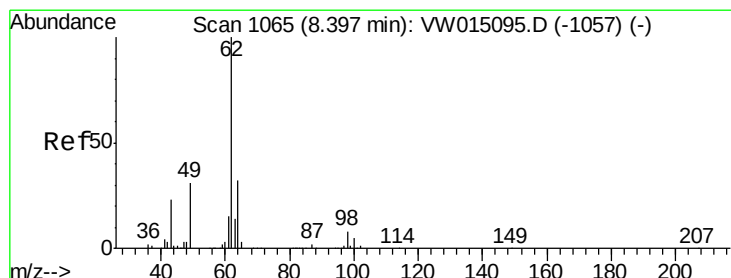
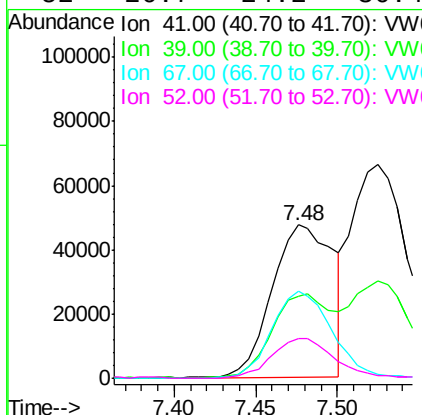
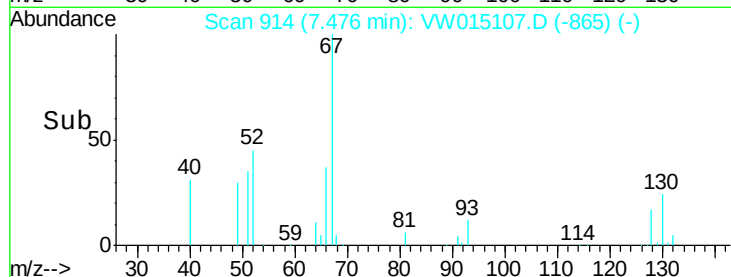
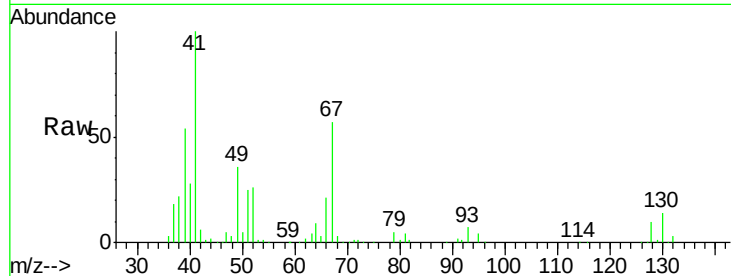
ClientSampled :

VSTDCCC050

Tot Ion	41	Resp	123839
Ion	Ratio	Lower	Upper
41	100		
39	54.3	49.0	73.4
67	56.0	50.4	75.6
52	26.7	24.2	36.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 56.490 ug/l

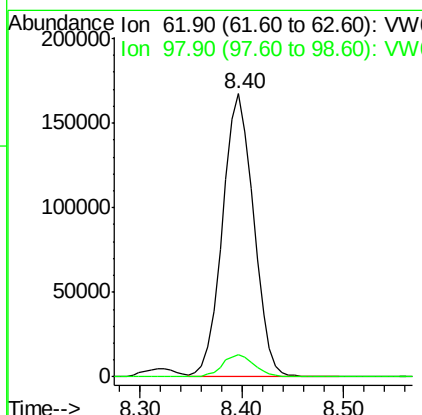
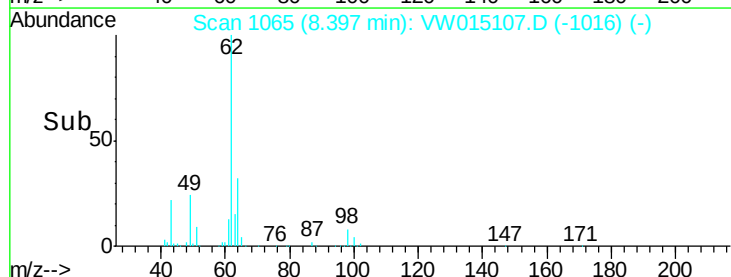
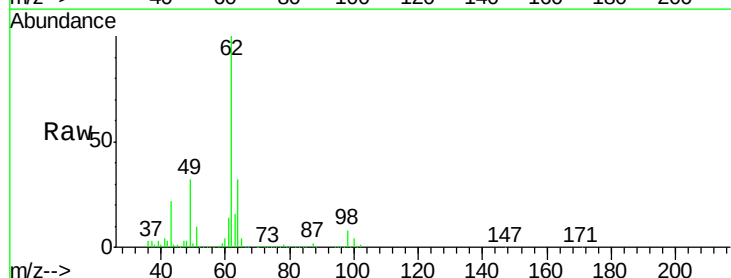
RT: 8.40 min Scan# 1065

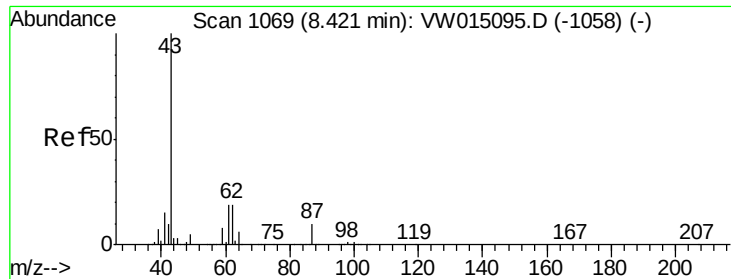
Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion	62	Resp	353602
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 56.895 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

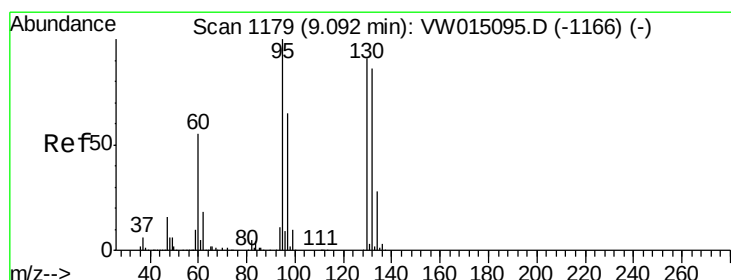
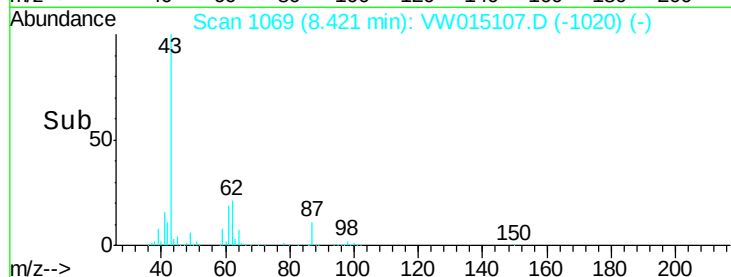
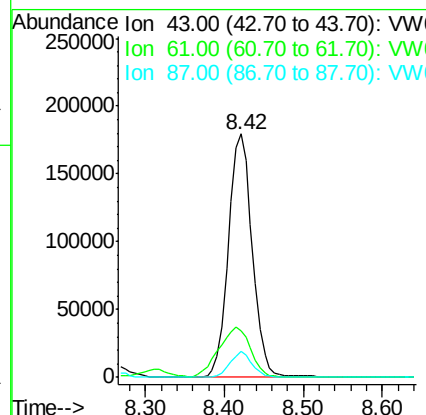
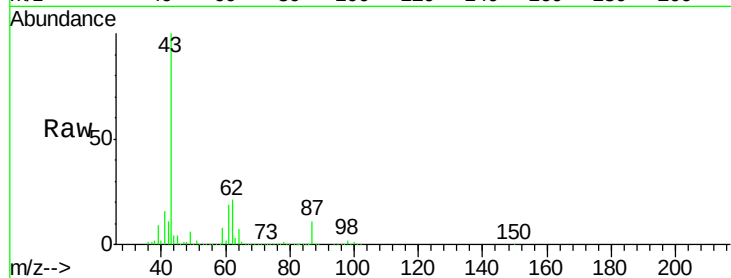
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	375842
Ion	Ratio	Lower	Upper
43	100		
61	27.5	21.8	32.8
87	10.0	8.0	12.0

Manual Integrations
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#44

Trichloroethene

Concen: 54.096 ug/l

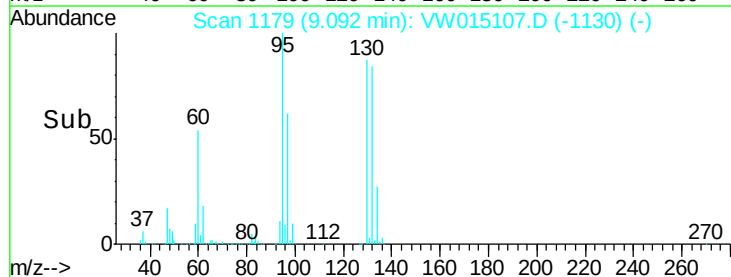
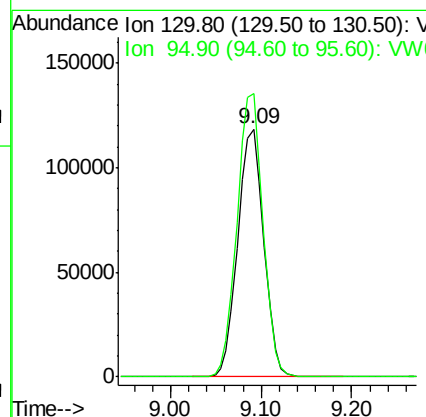
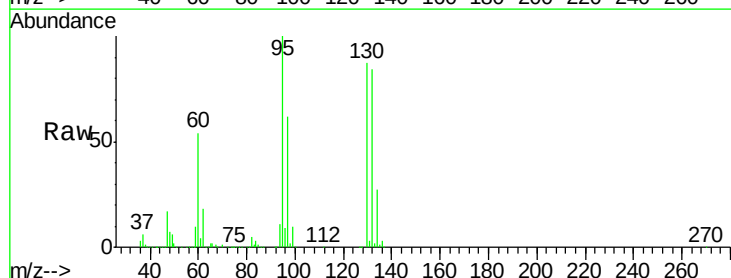
RT: 9.09 min Scan# 1179

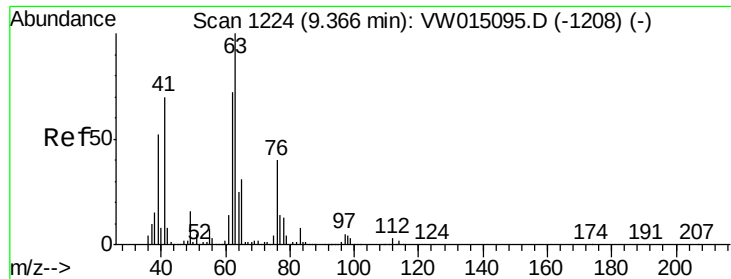
Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion:	130	Resp:	236586
Ion	Ratio	Lower	Upper
130	100		
95	114.3	0.0	219.8





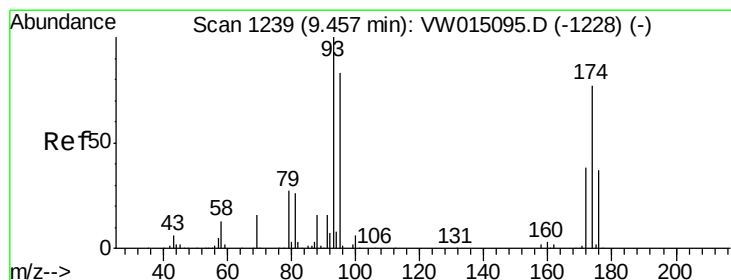
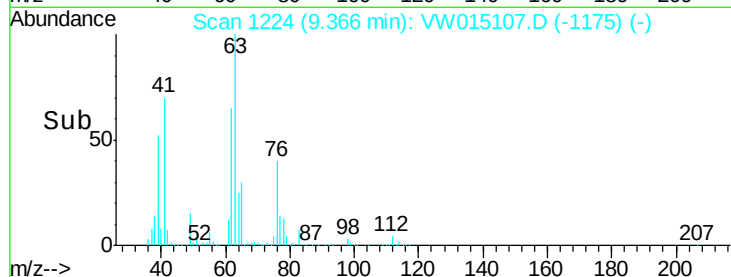
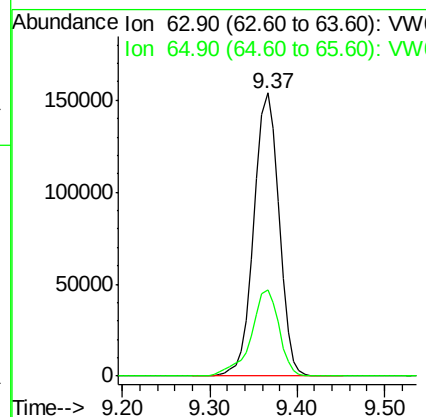
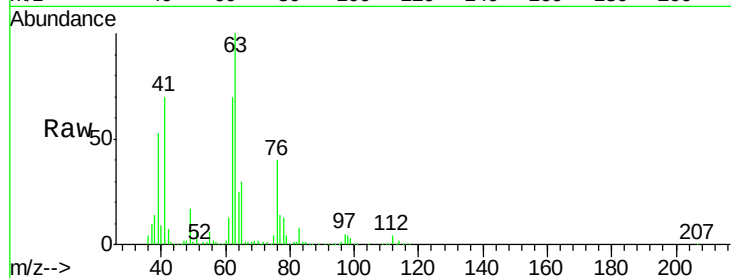
#45
 1,2-Dichloropropane
 Concen: 55.811 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.6	36.8

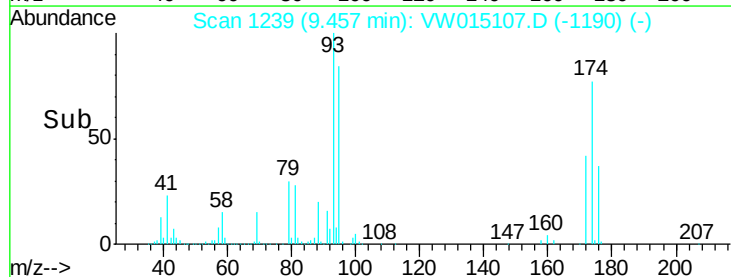
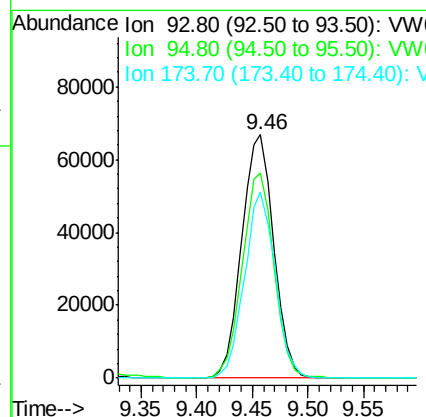
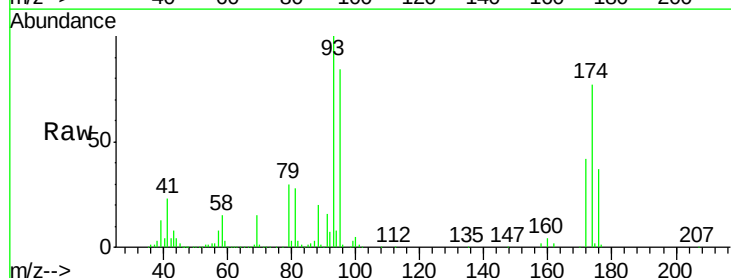
Manual Integrations
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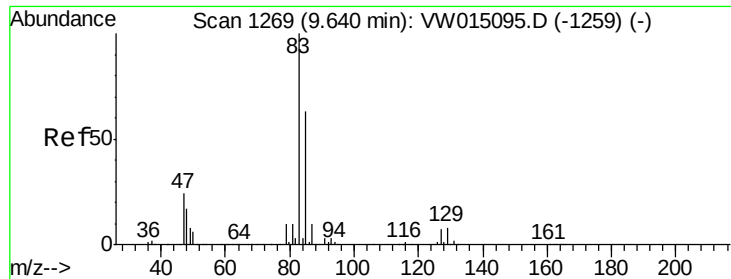
MMDadoda
 3/11/2020 3:22:07 PM



#46
 Dibromomethane
 Concen: 55.537 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.6	100.0
174	73.5	60.6	91.0





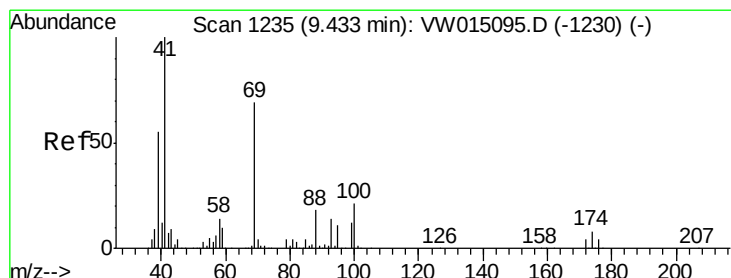
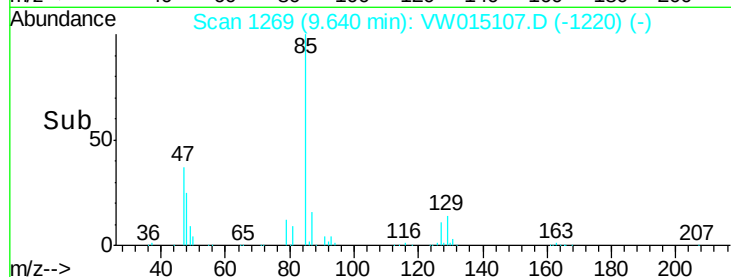
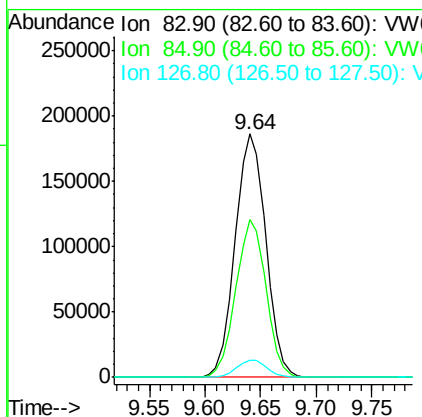
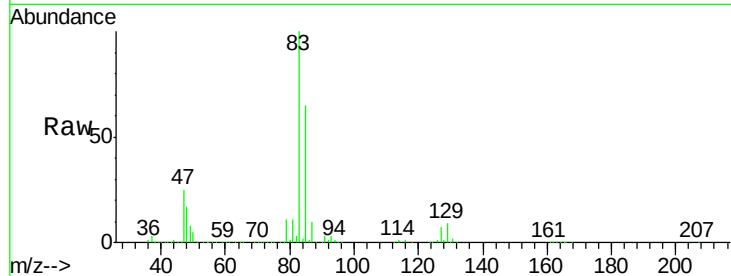
#47
Bromodichloromethane
Concen: 55.372 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	355673		
85	64.9		50.7	76.1
127	7.3		5.5	8.3

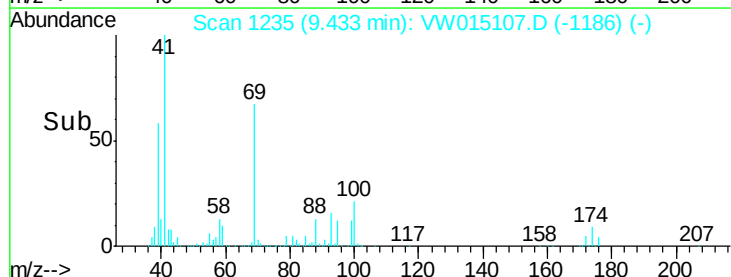
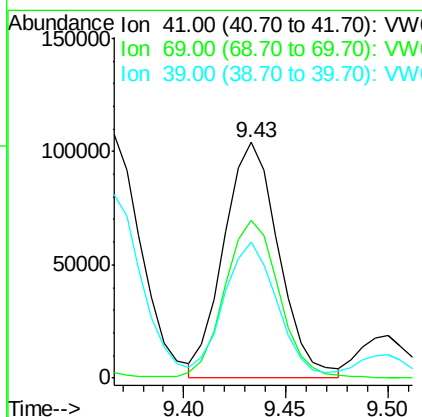
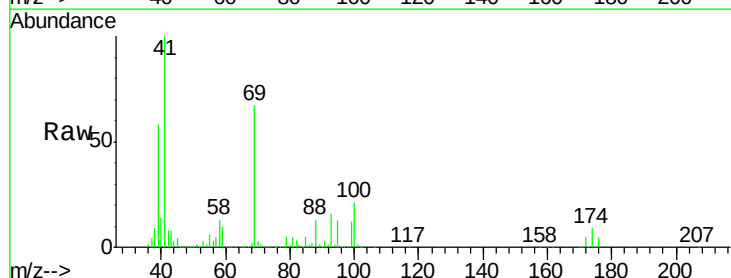
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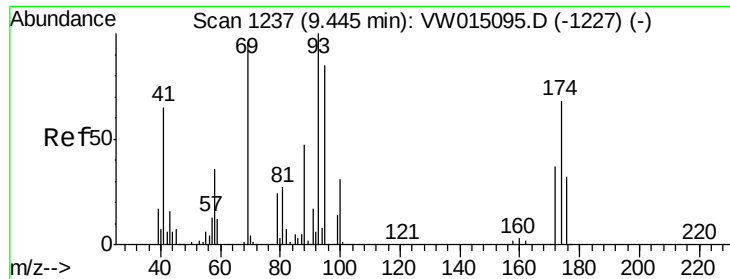
MMDadoda
3/11/2020 3:22:07 PM



#48
Methyl methacrylate
Concen: 56.732 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	193453		
69	66.1		58.7	88.1
39	51.6		45.1	67.7





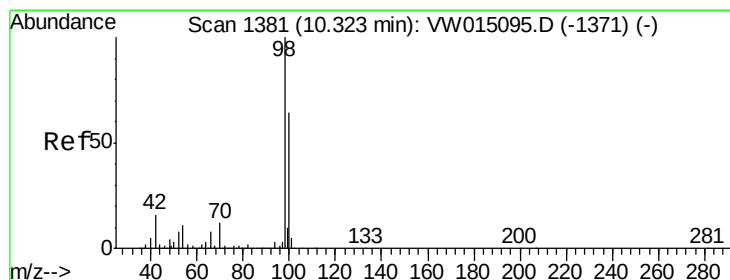
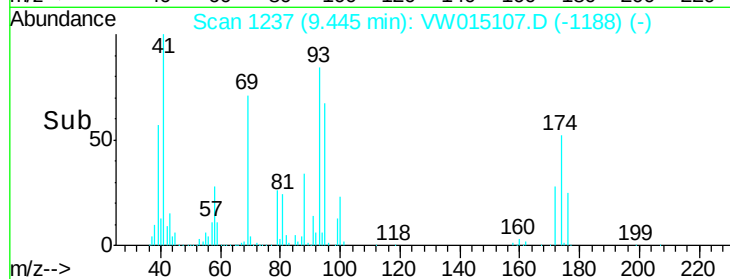
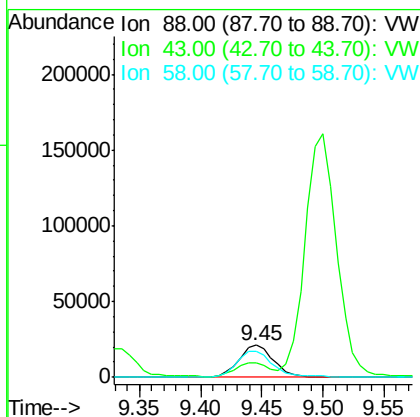
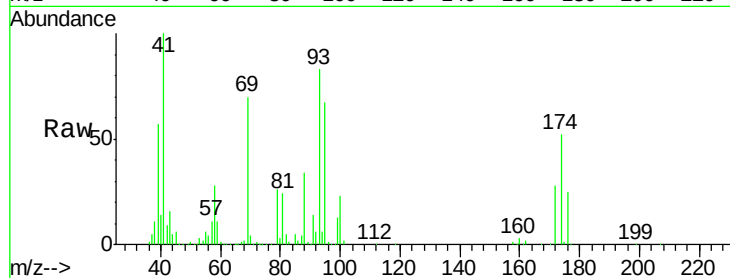
#49
1,4-Dioxane
Concen: 1132.952 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	41733
Ion	Ratio	Lower	Upper
88	100		
43	42.5	35.8	53.8
58	88.7	64.0	96.0

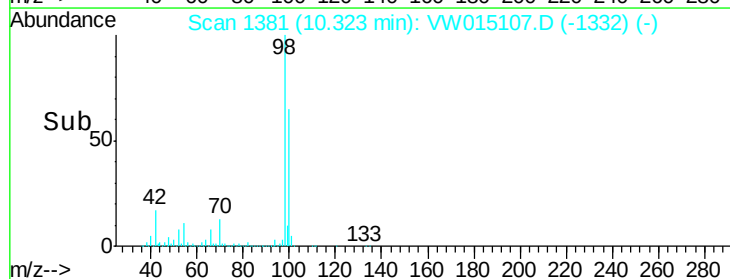
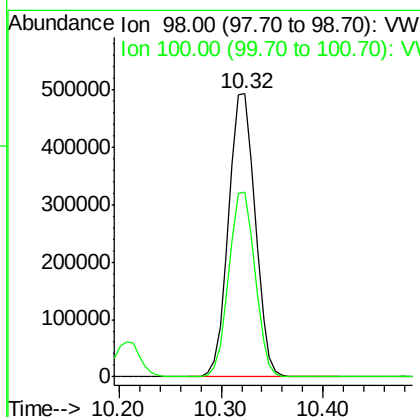
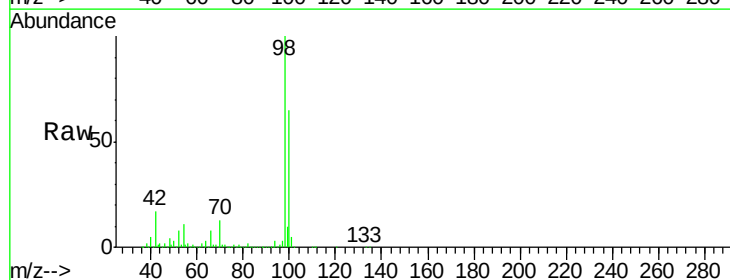
Manual Integrations
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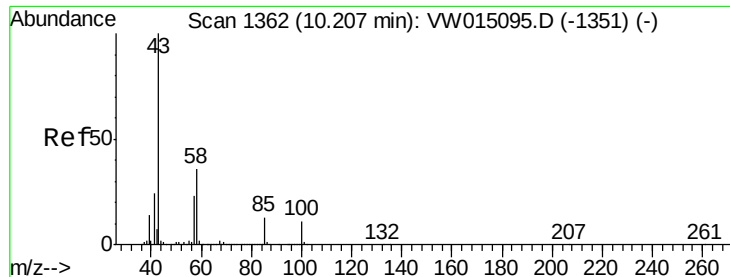
MMDadoda
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#50
Toluene-d8
Concen: 55.591 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	98	Resp	888551
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2





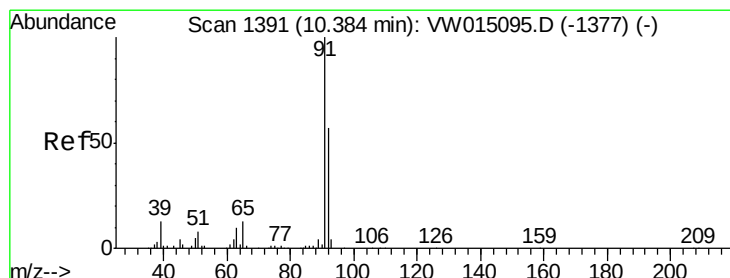
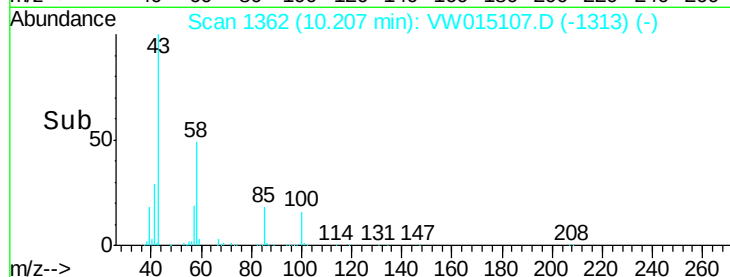
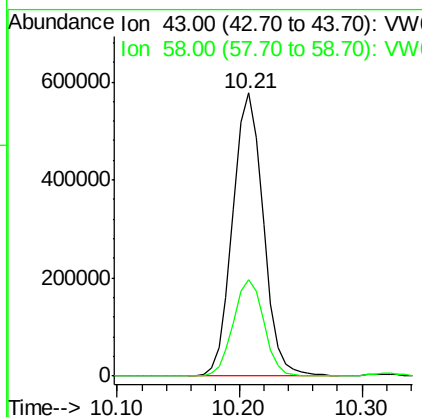
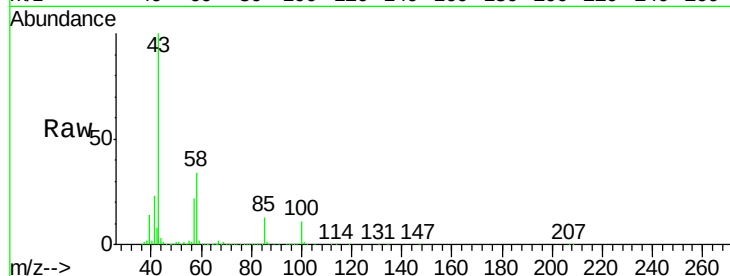
#51
 4-Methyl-2-Pentanone
 Concen: 273.639 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.1	28.0	42.0

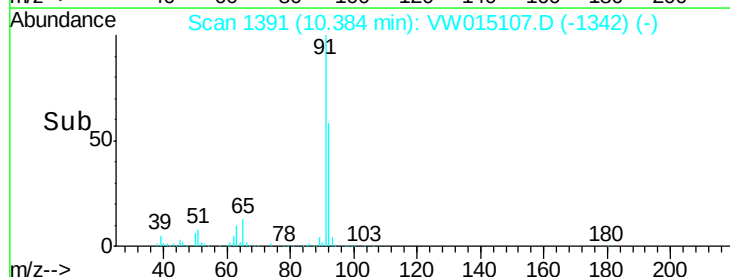
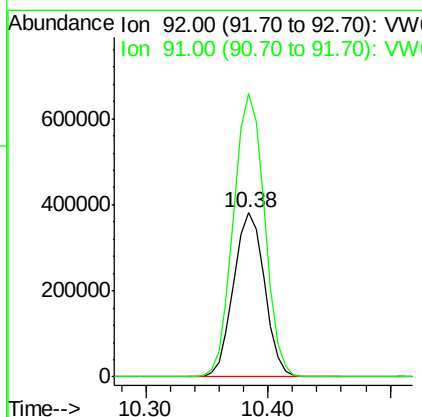
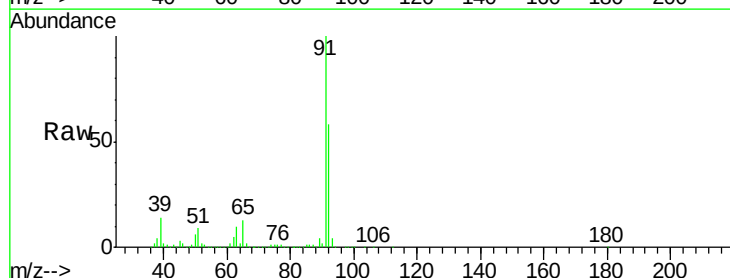
Manual Integrations
 APPROVED

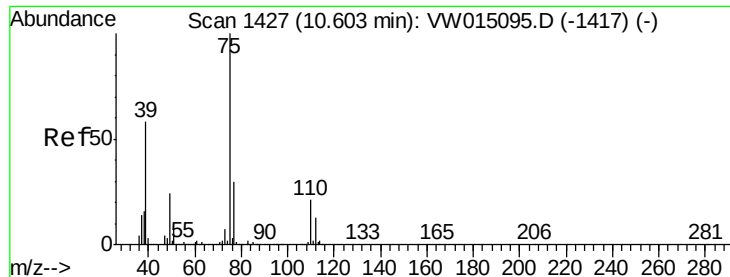
MMDadoda
 3/11/2020 3:22:07 PM



#52
 Toluene
 Concen: 56.579 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.7	138.9	208.3





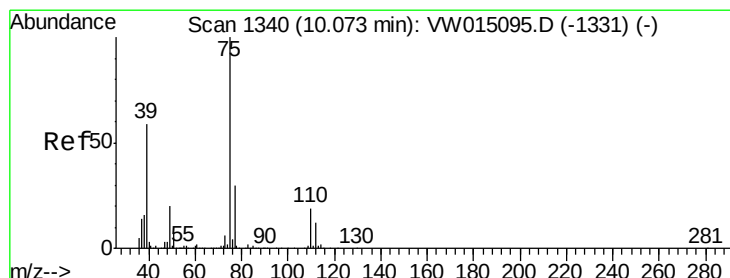
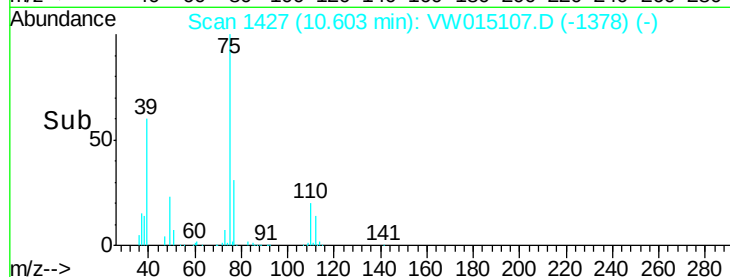
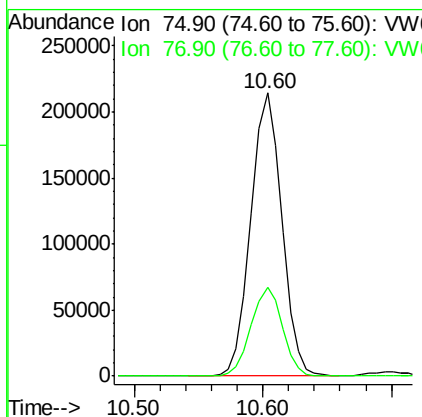
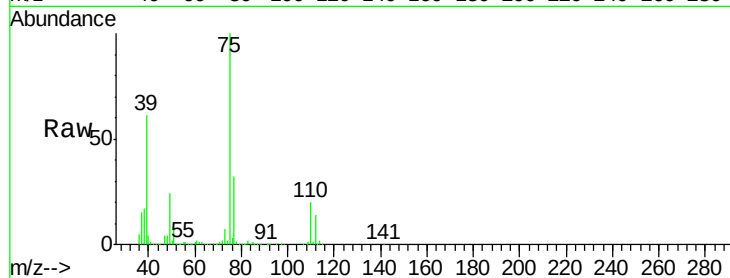
#53
t-1,3-Dichloropropene
Concen: 56.290 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6

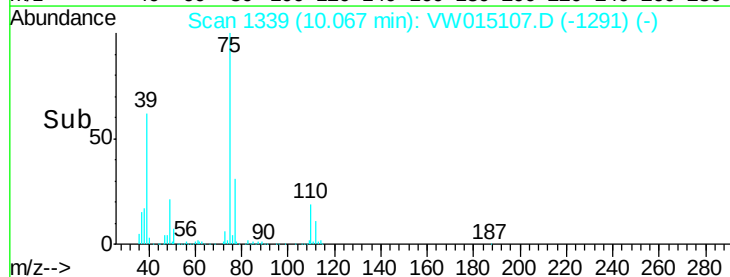
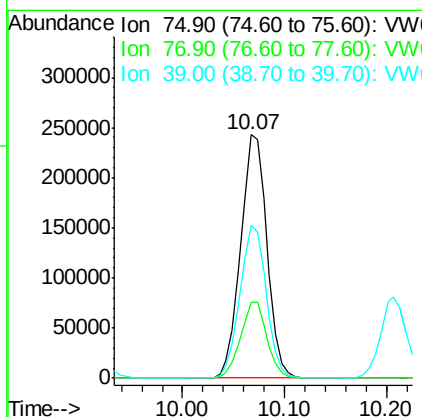
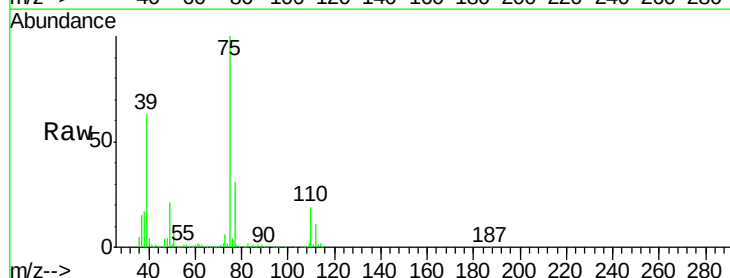
Manual Integrations
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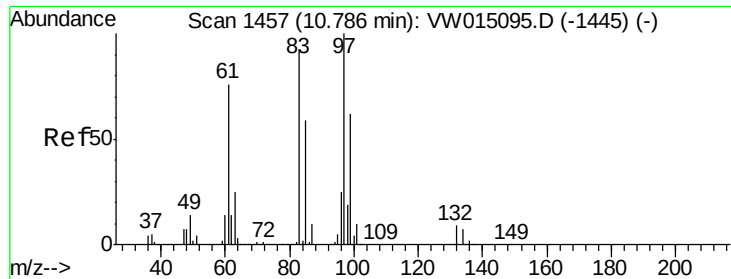
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#54
cis-1,3-Dichloropropene
Concen: 56.387 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.3	36.5
39	62.7	47.0	70.6





#55

1,1,2-Trichloroethane

Concen: 54.679 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

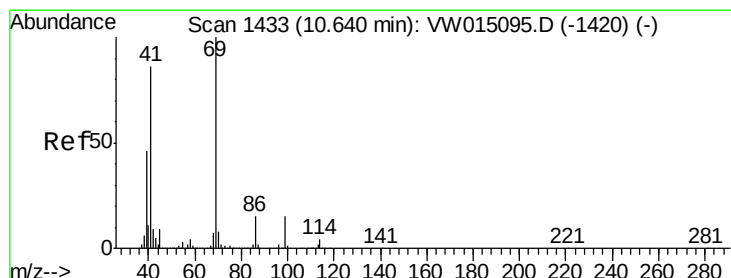
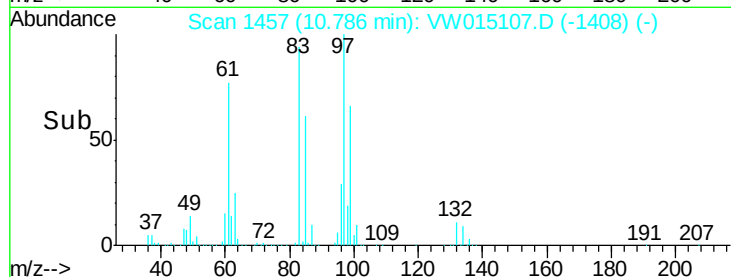
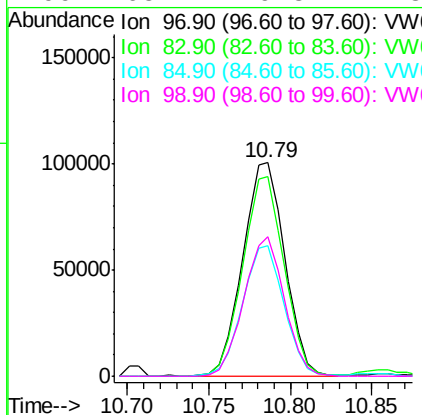
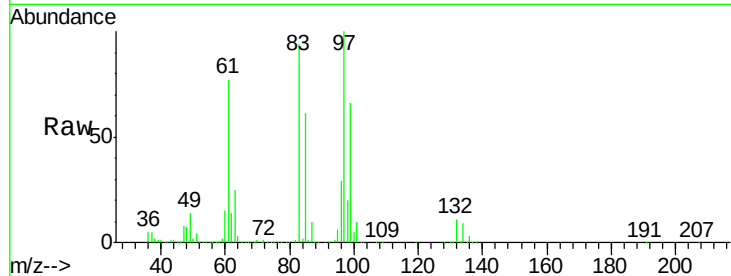
ClientSampleId :

VSTDCCC050

Tot Ion	97	Resp	180260
Ion	Ratio	Lower	Upper
97	100		
83	93.6	74.0	111.0
85	61.0	46.9	70.3
99	65.7	49.8	74.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 52.361 ug/l

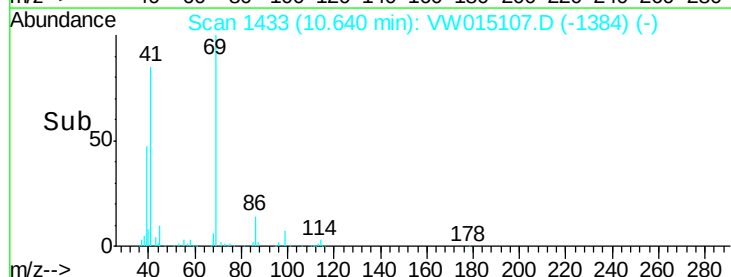
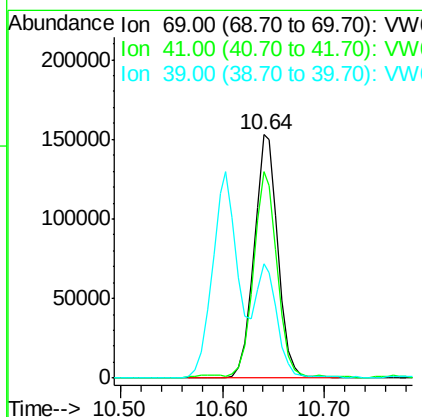
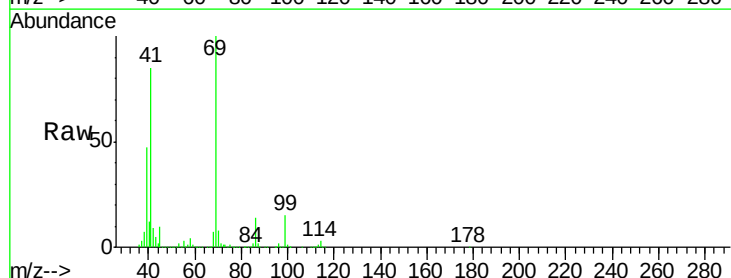
RT: 10.64 min Scan# 1433

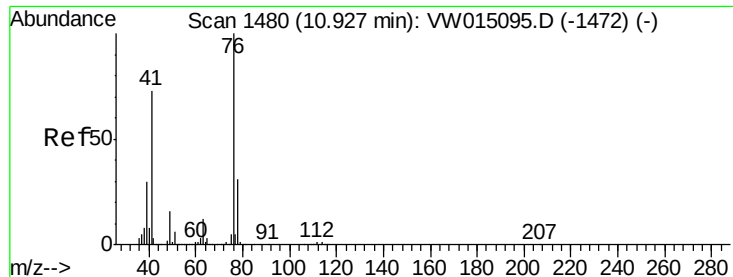
Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion	69	Resp	249388
Ion	Ratio	Lower	Upper
69	100		
41	83.9	65.8	98.6
39	40.3	31.2	46.8





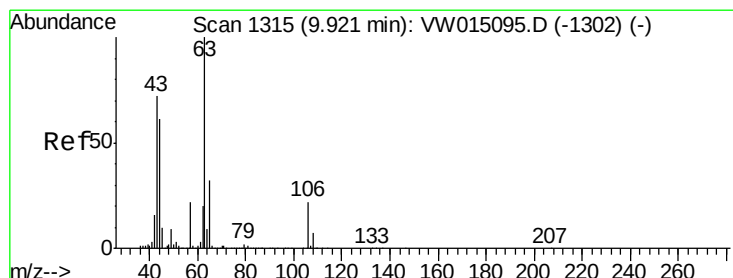
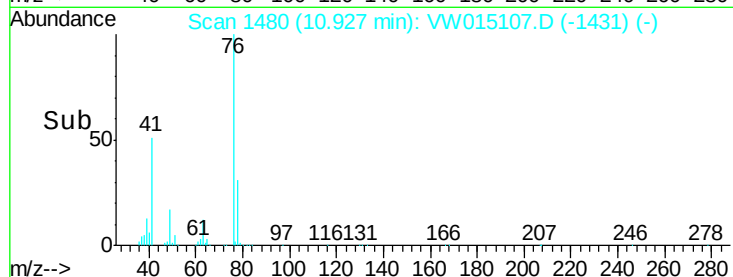
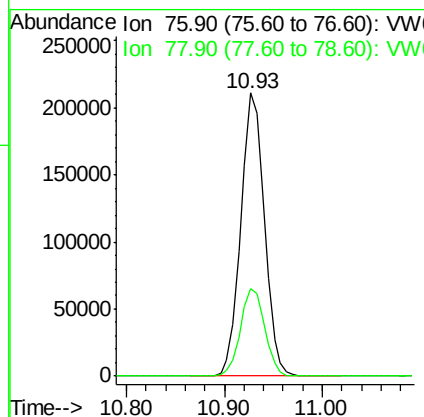
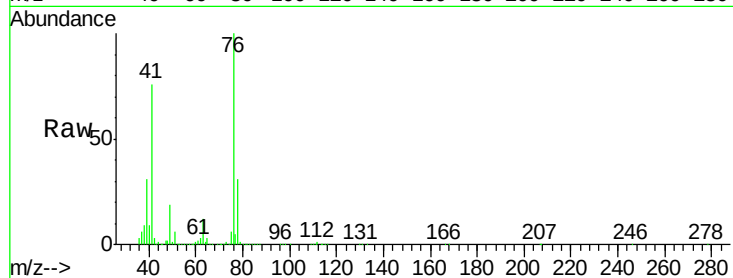
#57
 1,3-Dichloropropane
 Concen: 56.440 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 354235
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.3 37.9

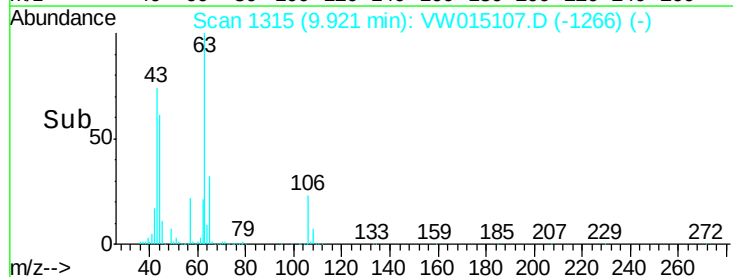
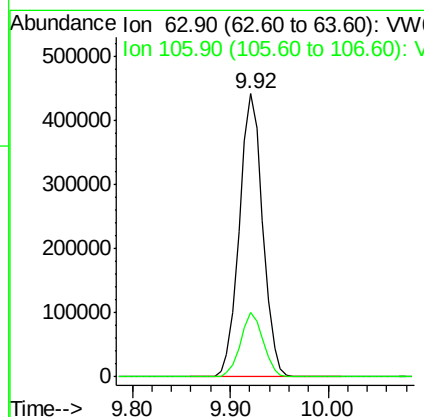
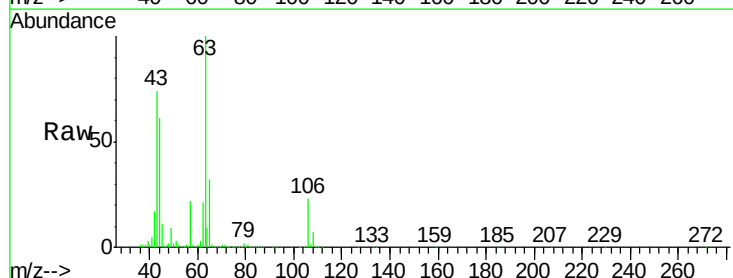
Manual Integrations
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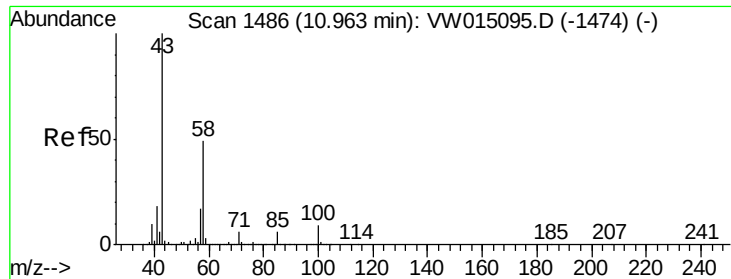
MMDadoda
 3/11/2020 3:22:07 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 293.369 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion: 63 Resp: 732218
 Ion Ratio Lower Upper
 63 100
 106 22.2 18.0 27.0





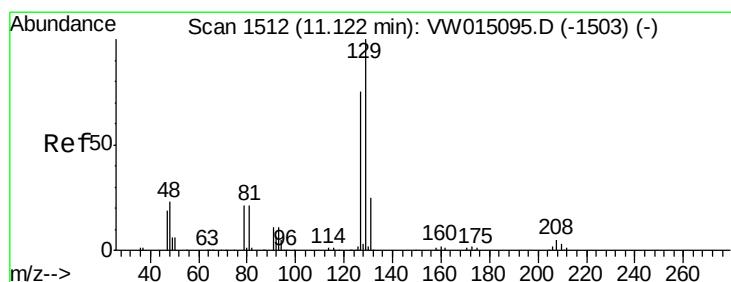
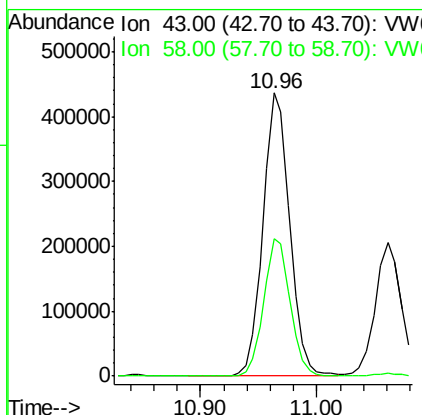
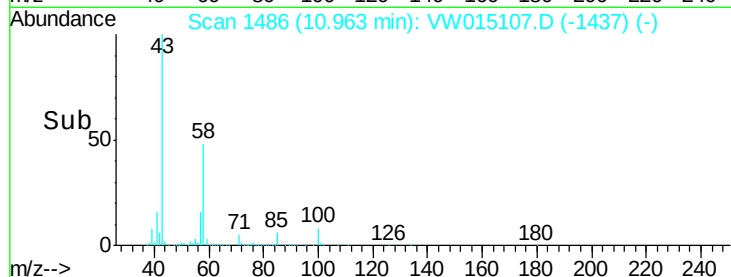
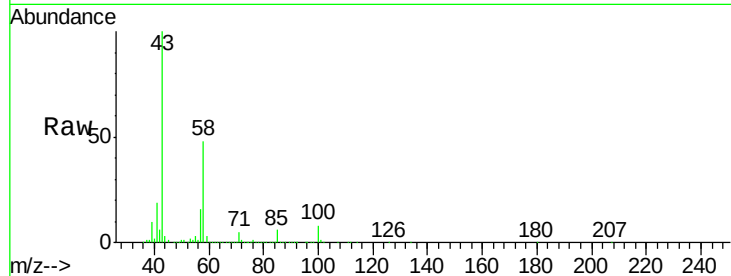
#59
2-Hexanone
Concen: 274.686 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.1	24.6	73.8

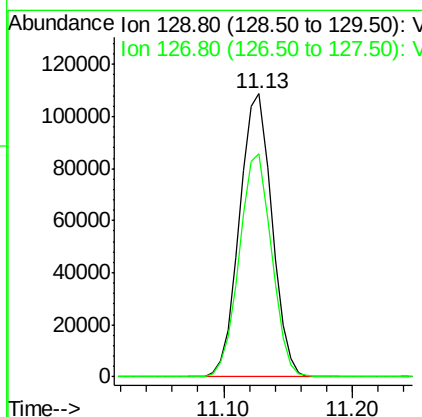
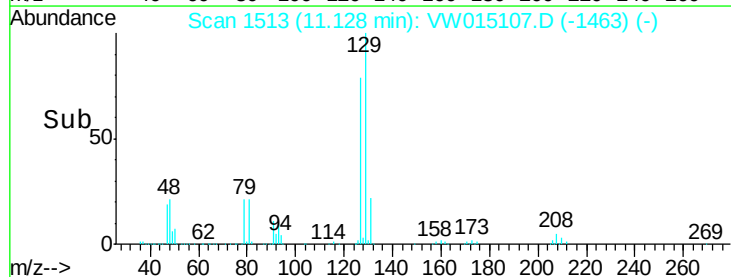
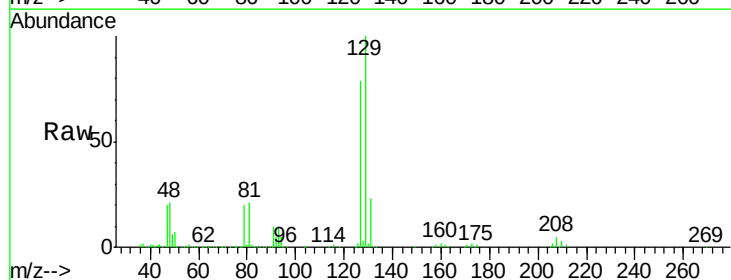
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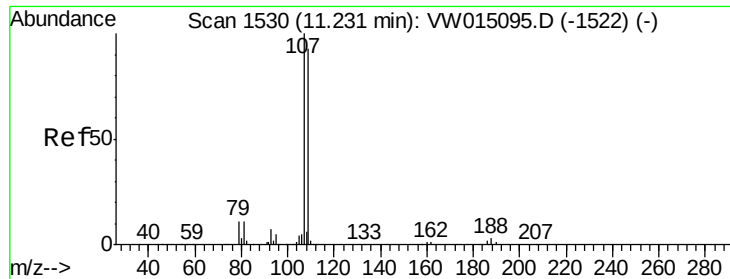
MMDadoda
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#60
Dibromochloromethane
Concen: 55.666 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.7	116.1





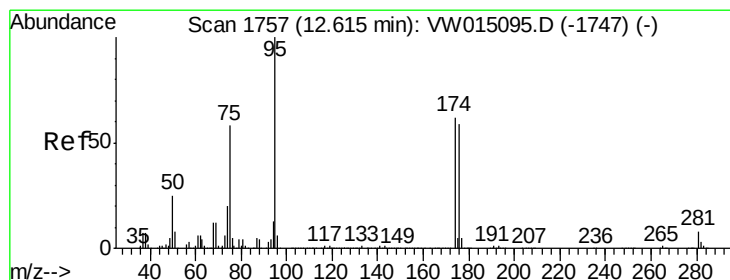
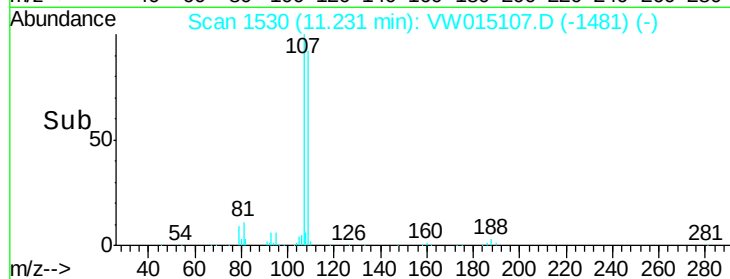
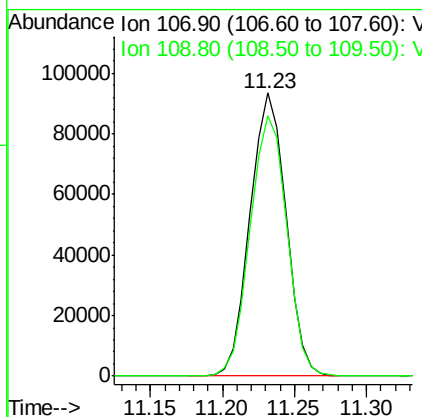
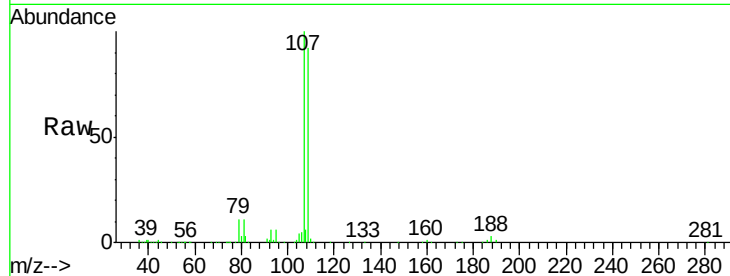
#61
 1,2-Dibromoethane
 Concen: 55.206 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9

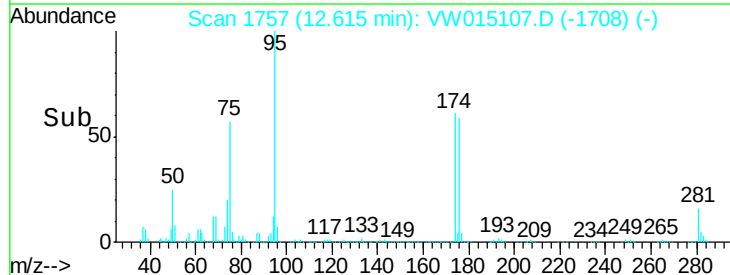
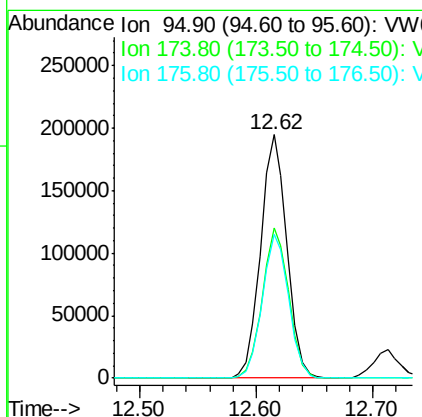
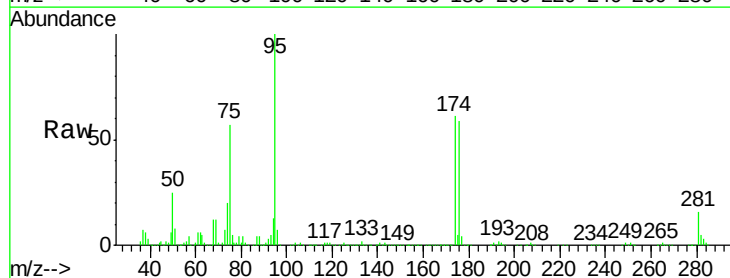
Manual Integrations
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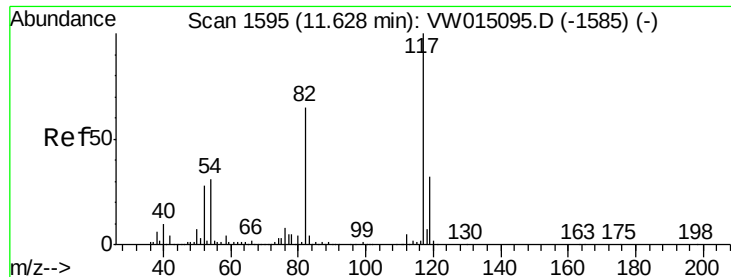
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 57.549 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	61.8	0.0	126.8
176	59.3	0.0	121.6





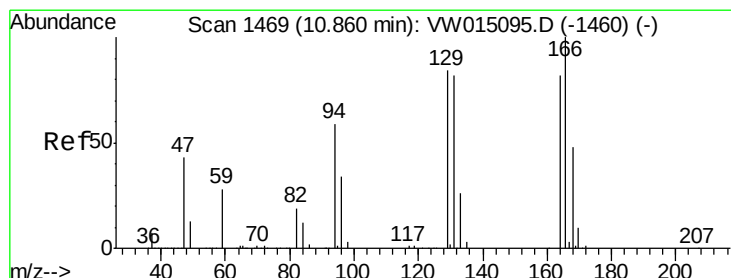
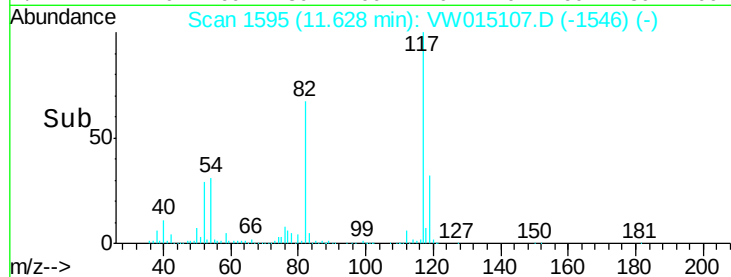
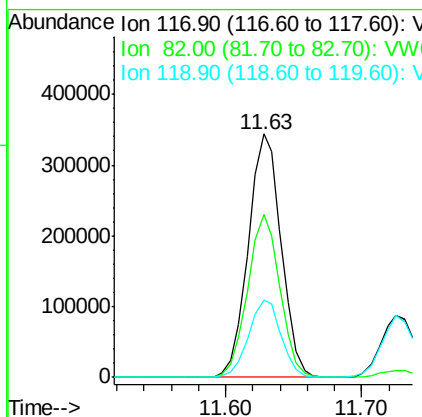
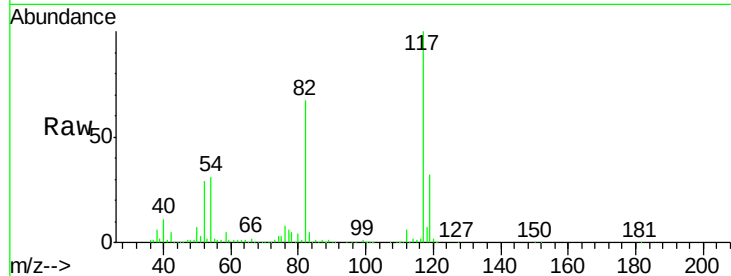
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	582390		
82	67.0		52.2	78.2
119	31.7		25.4	38.0

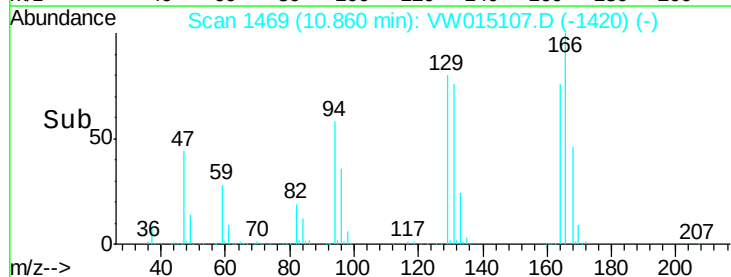
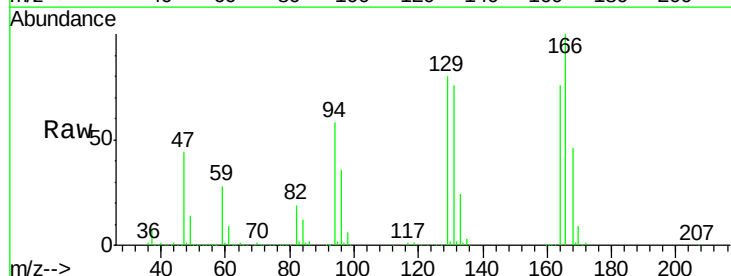
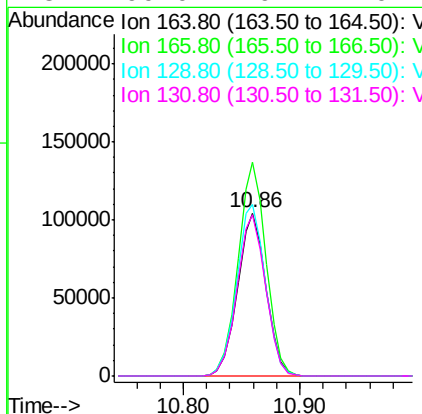
Manual Integrations
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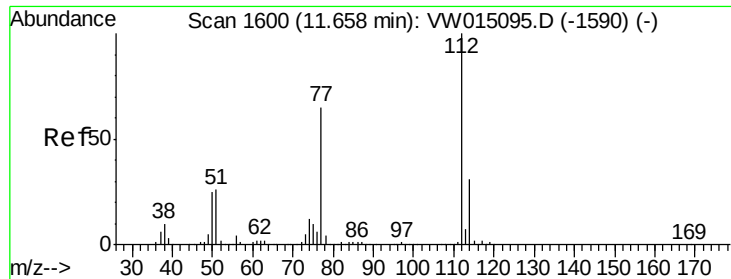
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#64
Tetrachloroethene
Concen: 52.652 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	176960		
166	131.0		97.0	145.6
129	104.9		81.2	121.8
131	99.0		79.4	119.2





#65

Chlorobenzene

Concen: 53.806 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 628965

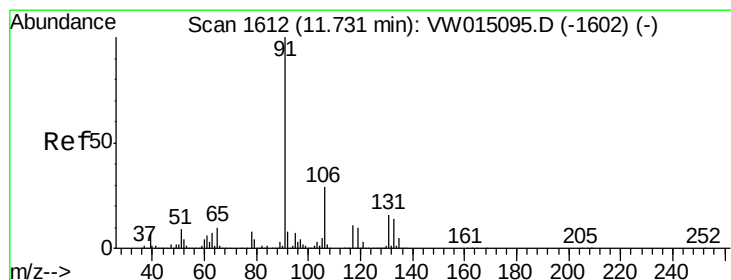
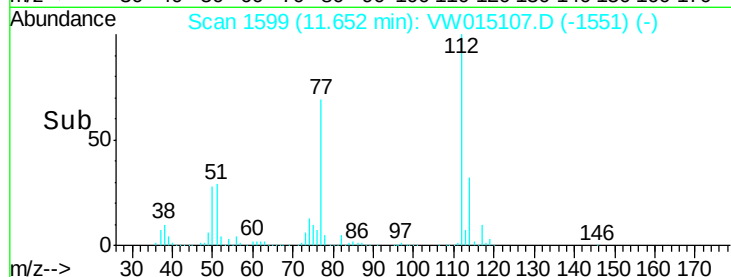
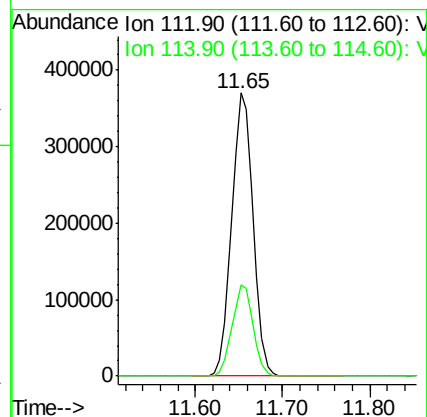
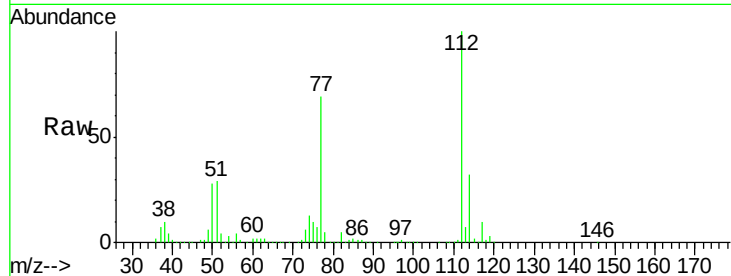
Ion Ratio Lower Upper

112 100

114 32.4 25.0 37.6

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 54.540 ug/l

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

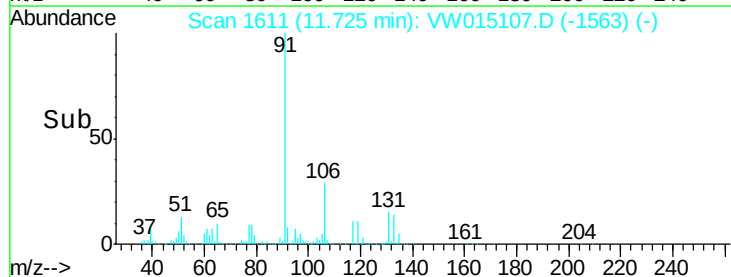
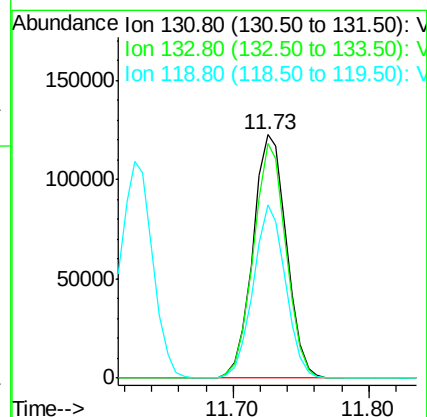
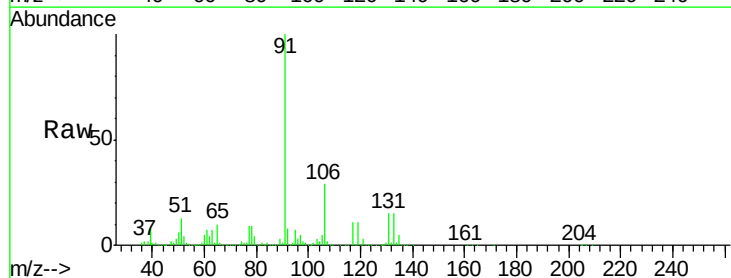
Tgt Ion:131 Resp: 212307

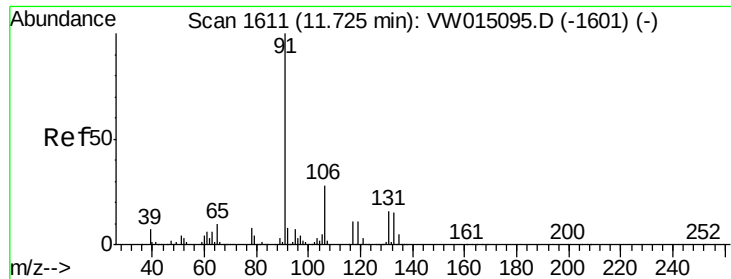
Ion Ratio Lower Upper

131 100

133 93.8 47.3 141.8

119 68.2 34.0 101.8





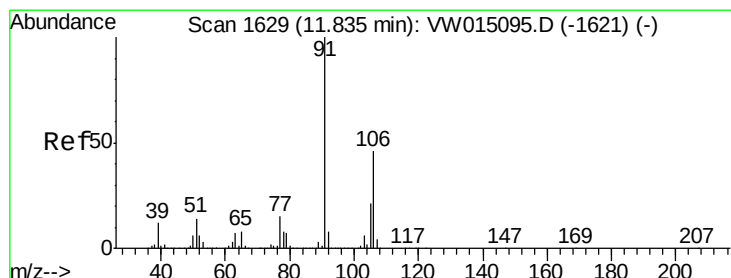
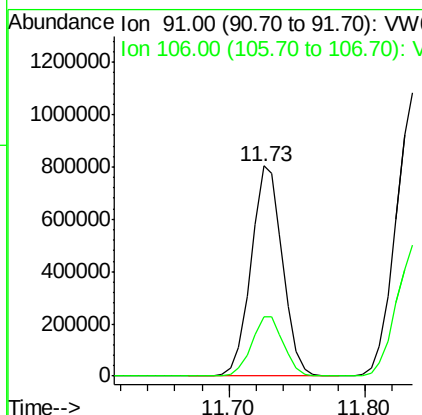
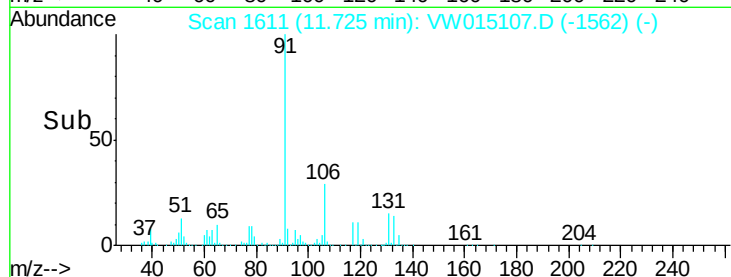
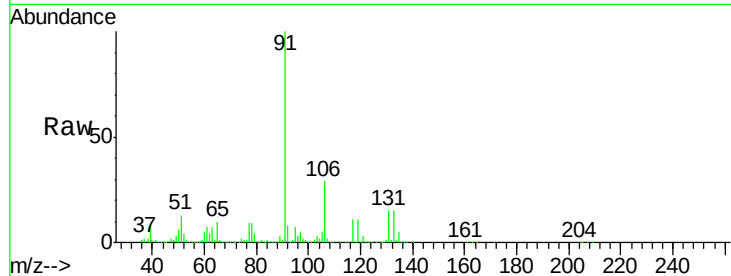
#67
Ethyl Benzene
Concen: 57.037 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1297424
Ion Ratio Lower Upper
91 100
106 28.6 22.8 34.2

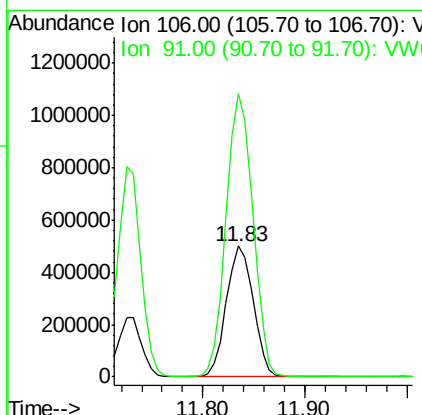
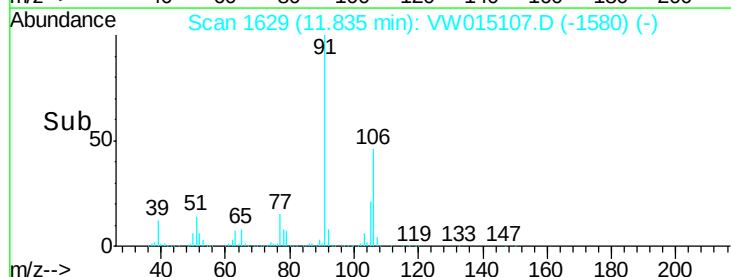
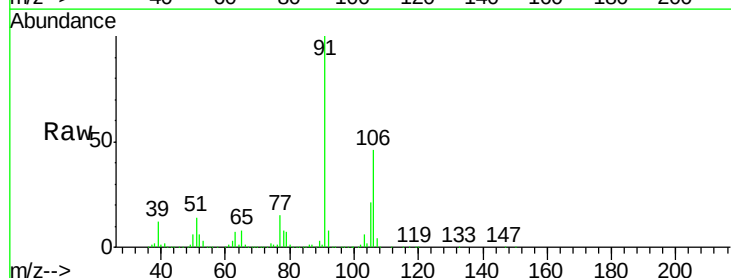
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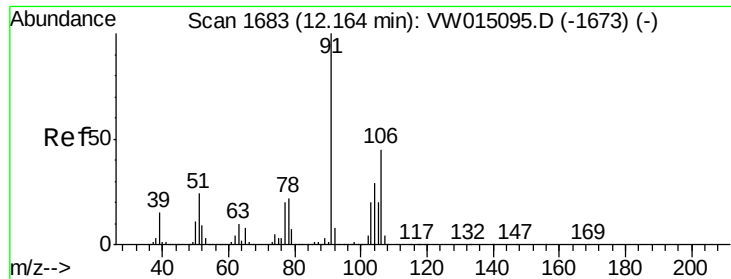
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#68
m/p-Xylenes
Concen: 113.840 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion: 106 Resp: 915451
Ion Ratio Lower Upper
106 100
91 215.5 172.3 258.5





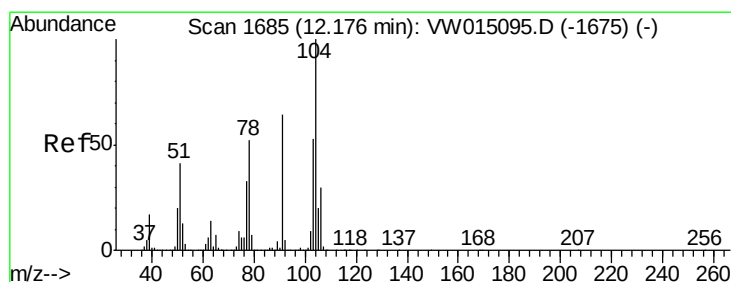
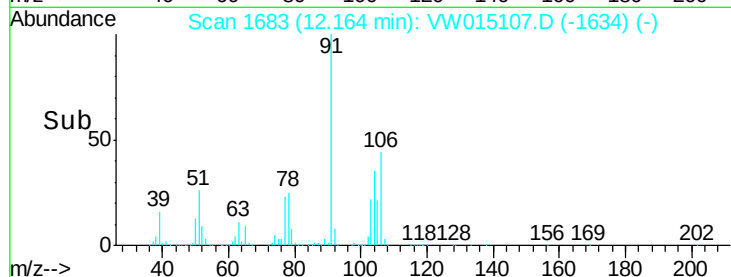
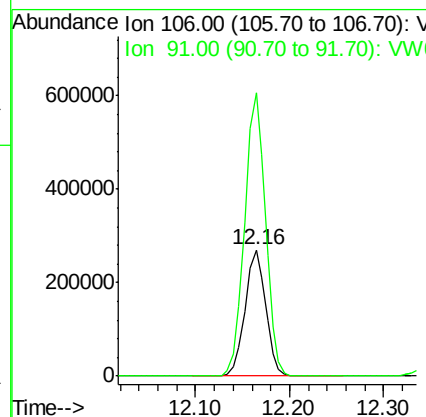
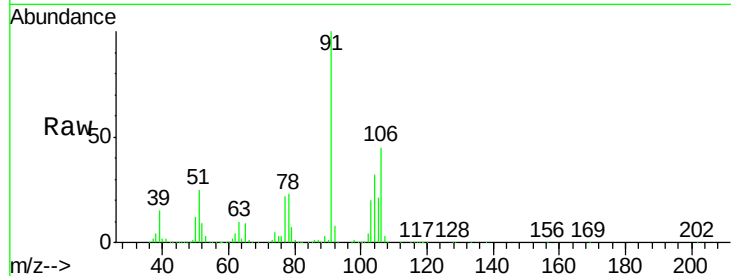
#69
o-Xylene
Concen: 56.922 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 412336
Ion Ratio Lower Upper
106 100
91 227.1 112.6 337.8

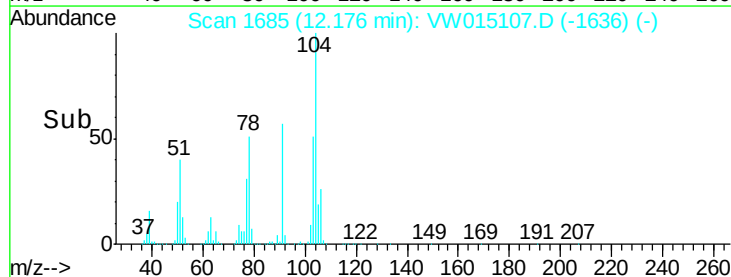
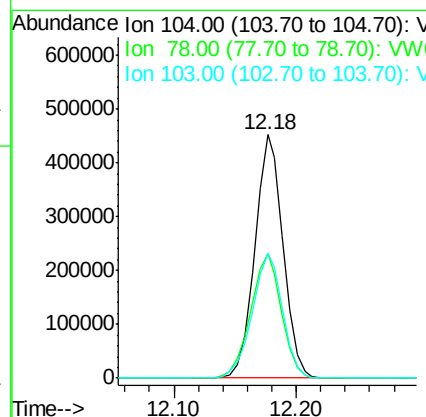
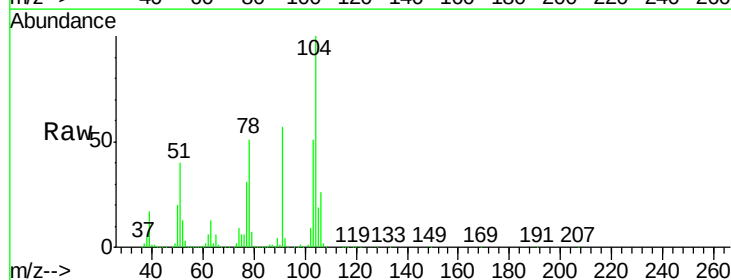
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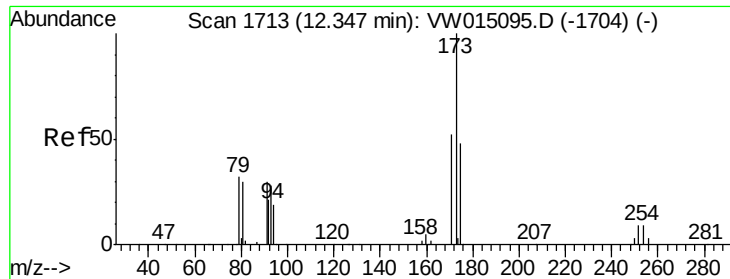
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#70
Styrene
Concen: 58.512 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion:104 Resp: 726260
Ion Ratio Lower Upper
104 100
78 55.8 44.7 67.1
103 54.7 44.7 67.1





#71

Bromoform

Concen: 54.620 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

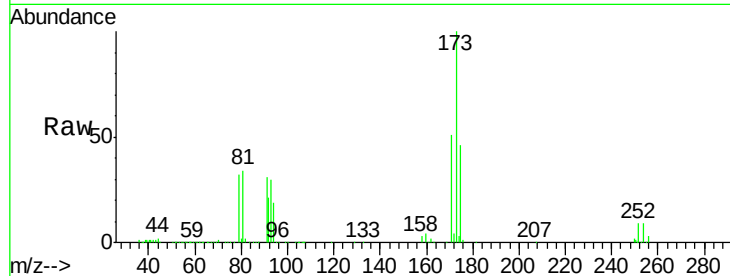
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.8	71.4
254	0.3	0.1	0.1#

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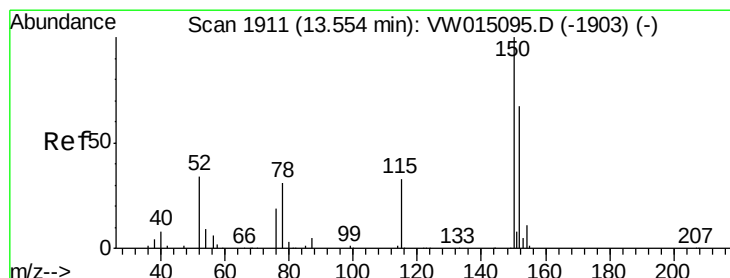
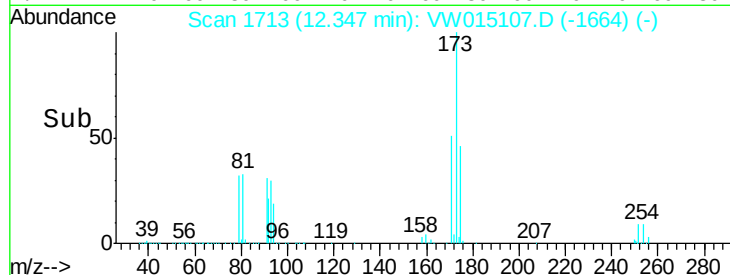
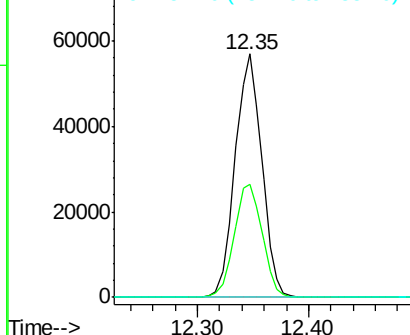
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Abundance Ion 172.70 (172.40 to 173.40): V

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

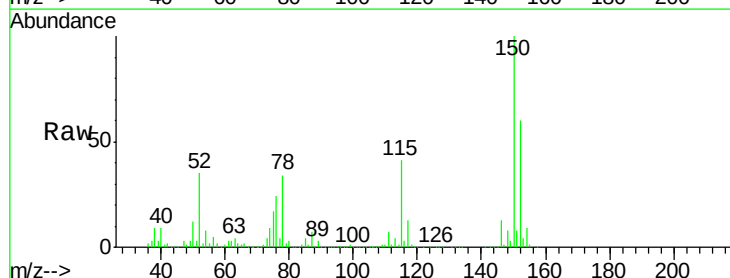
RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

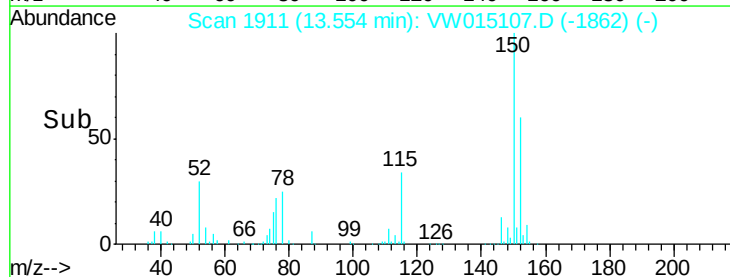
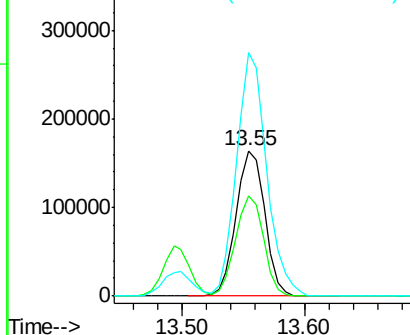
Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.4	33.3	99.9
150	176.3	0.0	351.2

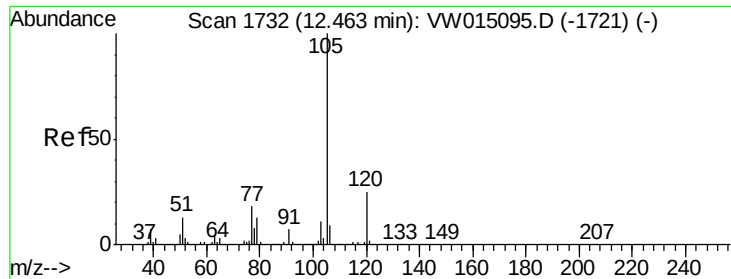


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.616 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1166395

Ion Ratio Lower Upper

105 100

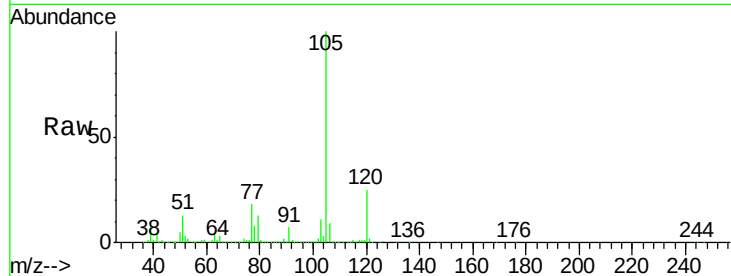
120 25.0 12.6 37.8

Manual Integrations

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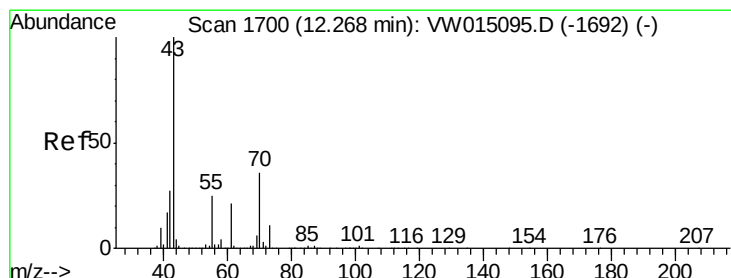
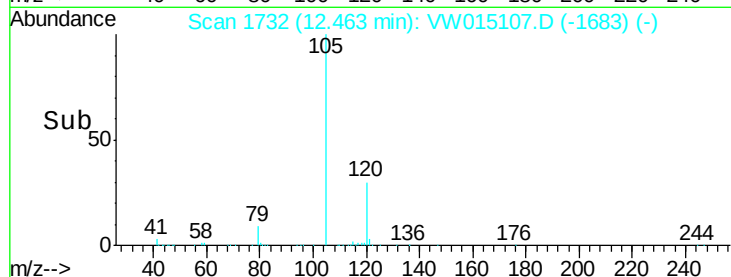
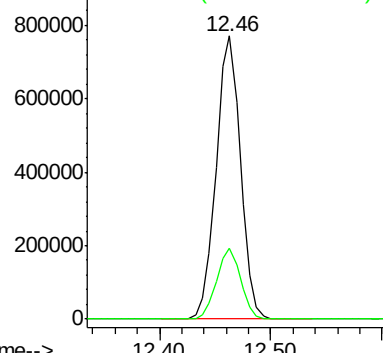
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.797 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion: 43 Resp: 348106

Ion Ratio Lower Upper

43 100

70 35.8 29.4 44.2

55 25.3 20.3 30.5

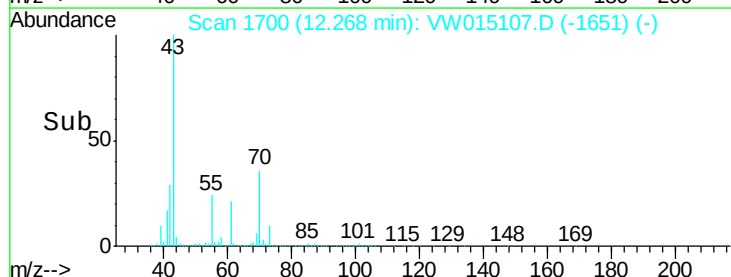
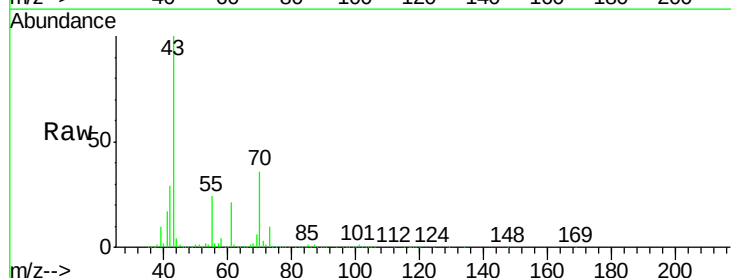
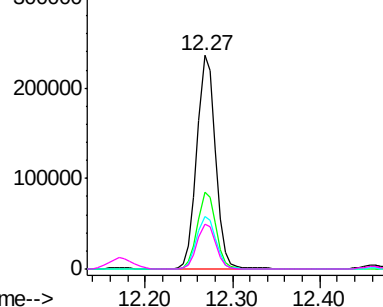
61 21.3 17.1 25.7

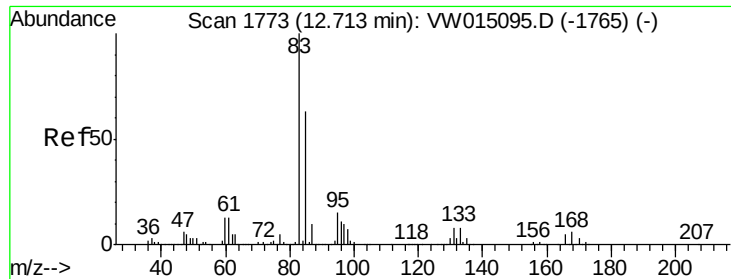
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.122 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

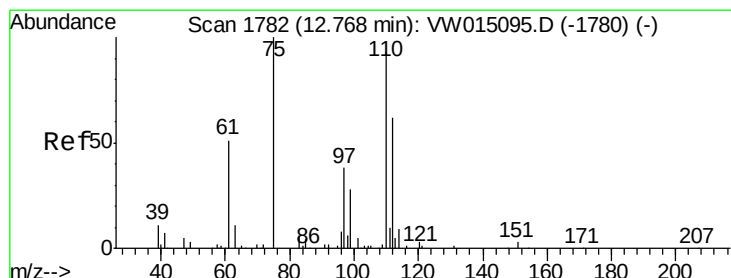
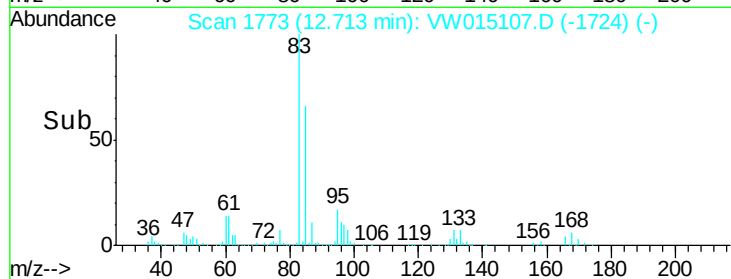
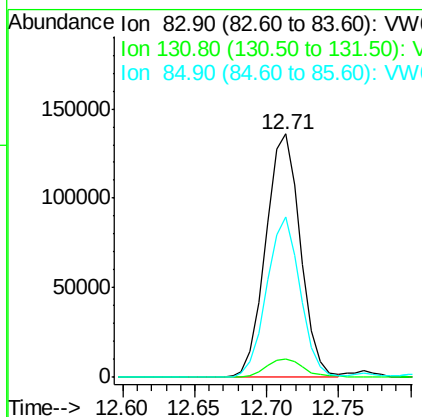
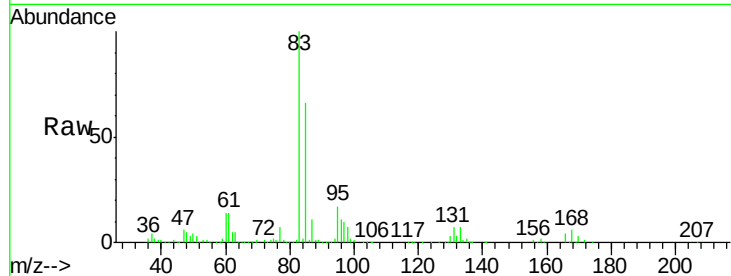
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	226600
Ion Ratio	Lower	Upper	
83	100		
131	8.5	4.3	13.1
85	63.9	31.5	94.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.634 ug/l m

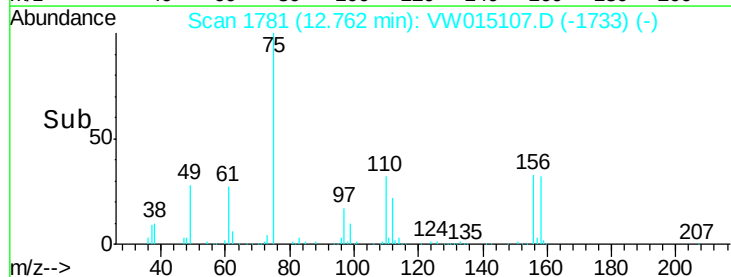
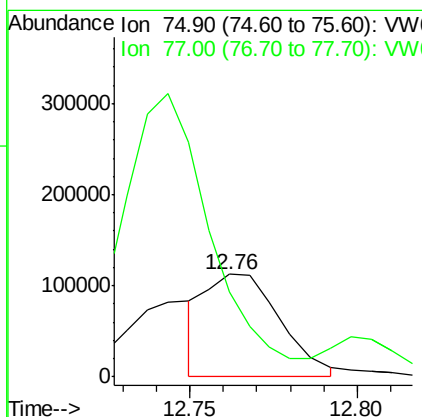
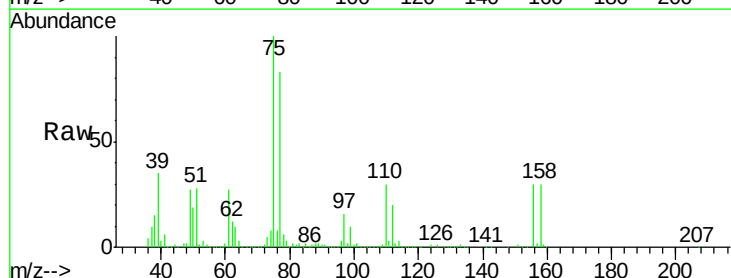
RT: 12.76 min Scan# 1781

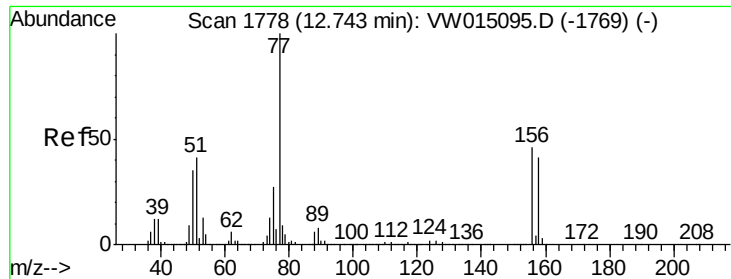
Delta R.T. -0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion:	75	Resp:	175622
Ion Ratio	Lower	Upper	
75	100		
77	324.2	0.0	0.0#





#77

Bromobenzene

Concen: 55.440 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

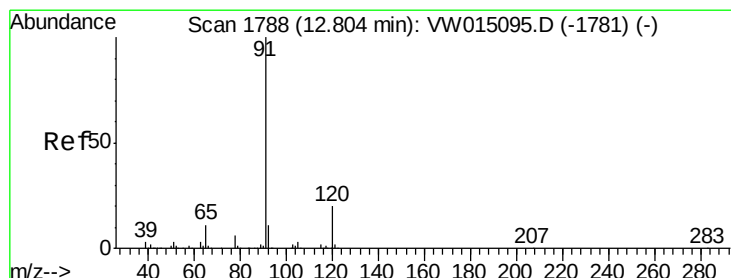
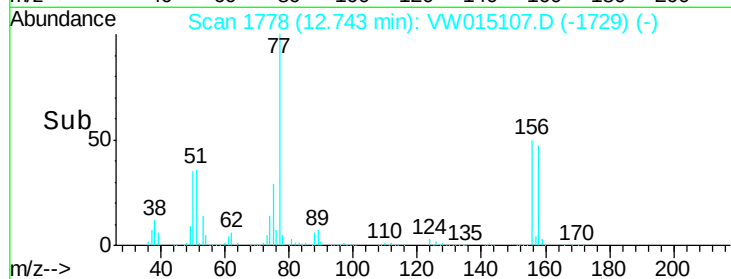
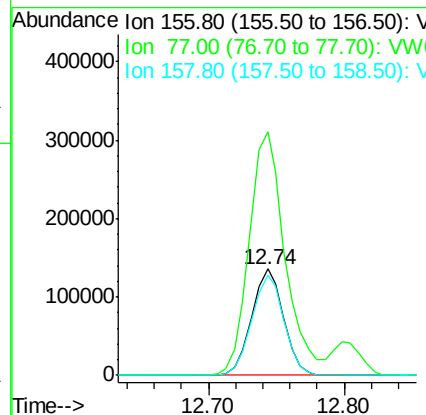
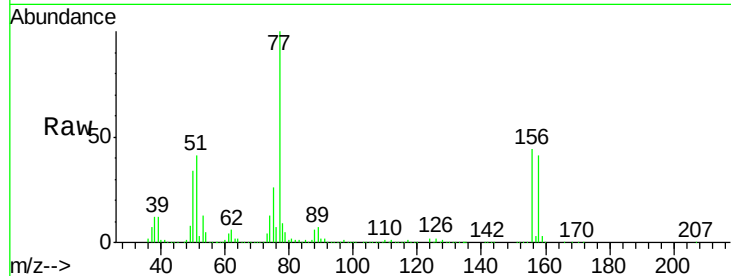
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
221834	156	100		
	77	256.7	126.6	379.8
	158	95.6	47.4	142.2

Manual Integrations
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#78

n-propylbenzene

Concen: 58.700 ug/l

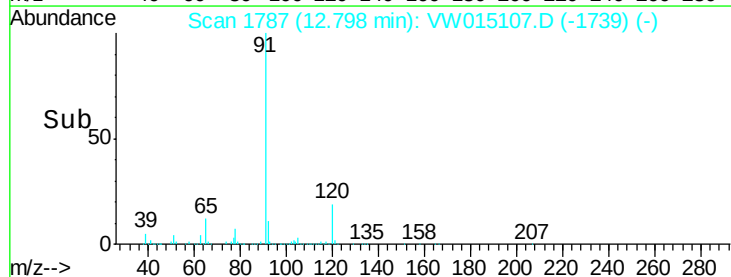
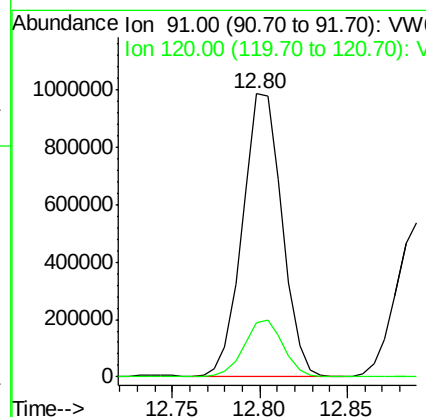
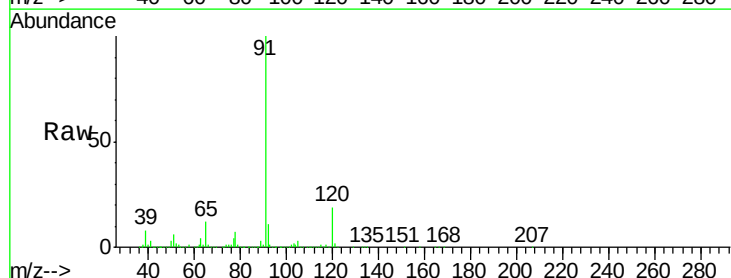
RT: 12.80 min Scan# 1787

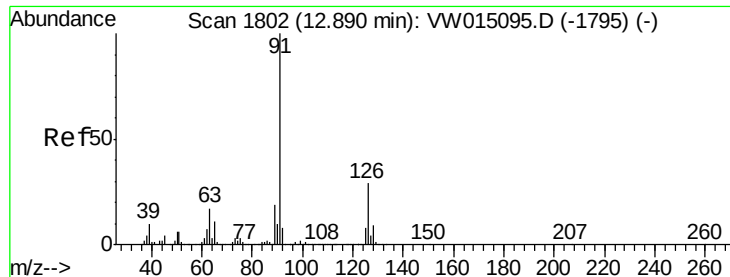
Delta R.T. -0.01 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Tgt Ion	Ion	Ratio	Lower	Upper
1544376	91	100		
	120	19.9	10.2	30.4





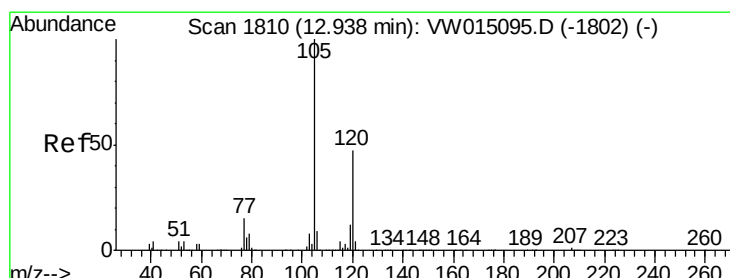
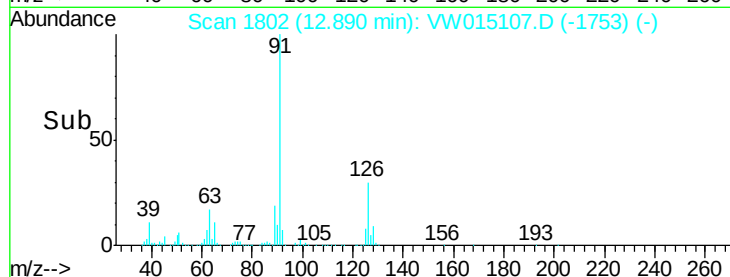
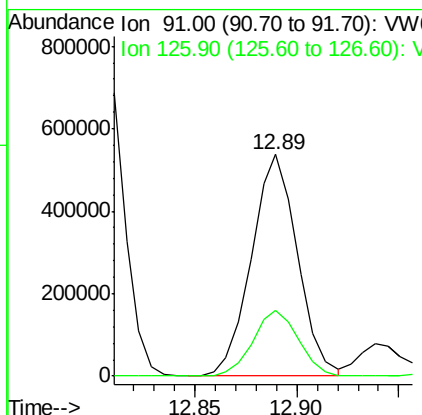
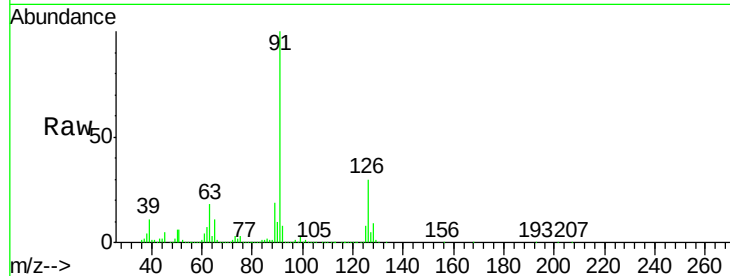
#79
2-Chlorotoluene
Concen: 56.804 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.5	43.6

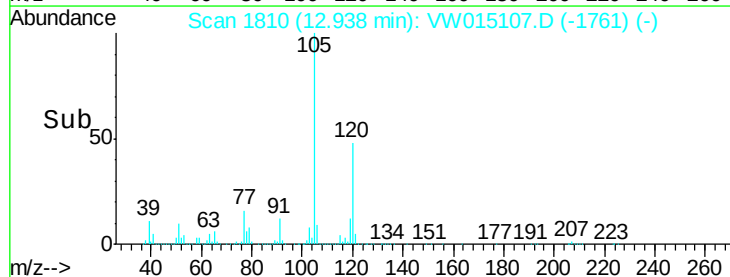
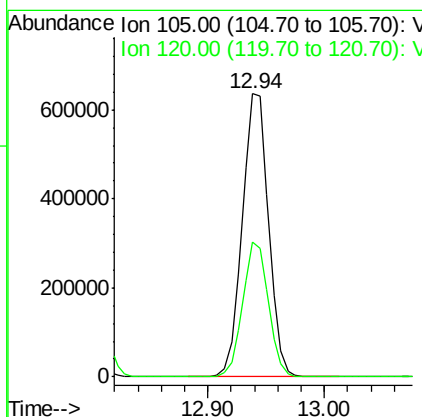
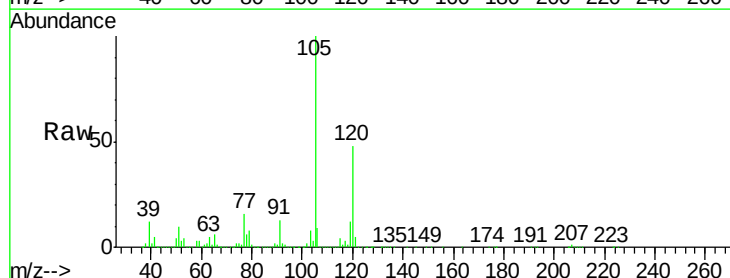
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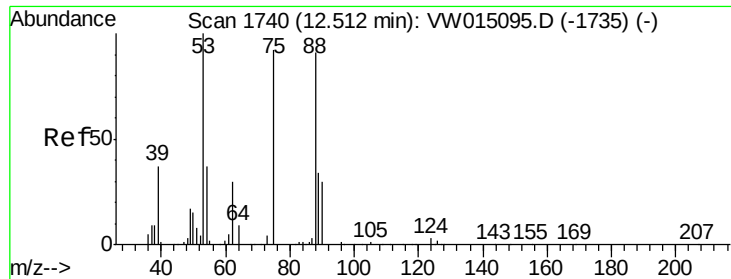
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 57.469 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.3	69.8





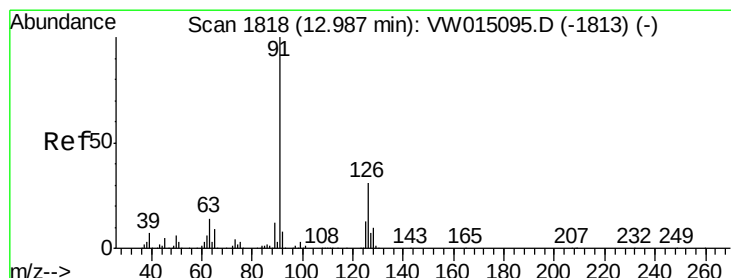
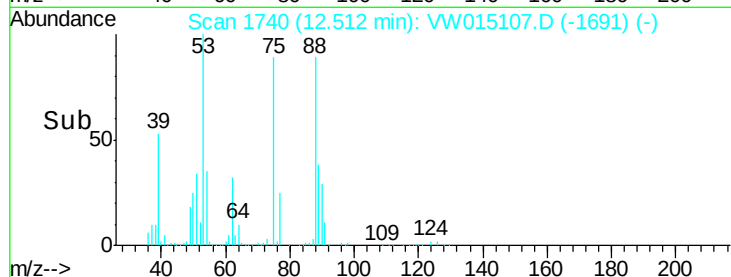
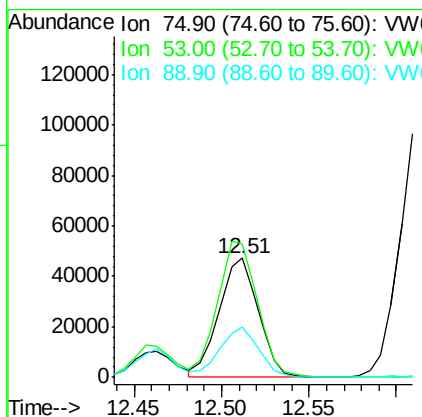
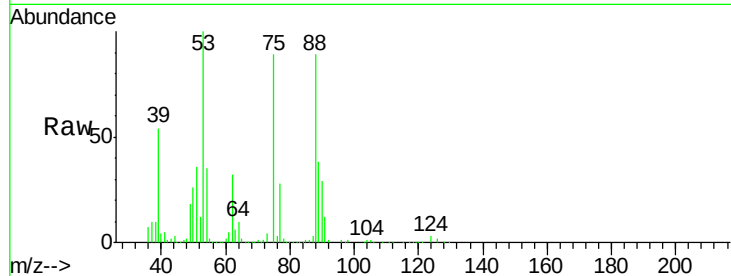
#81
trans-1,4-Dichloro-2-butene
Concen: 55.428 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.8	88.4	132.6
89	42.7	33.1	49.7

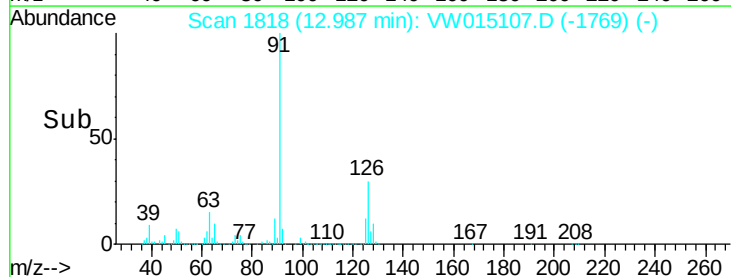
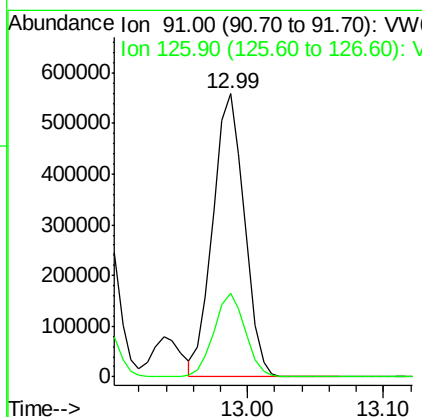
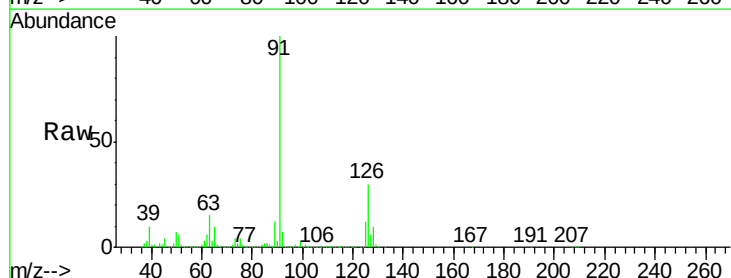
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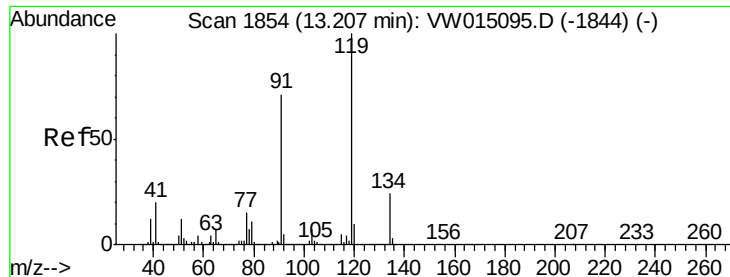
MMDadoda
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#82
4-Chlorotoluene
Concen: 56.813 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.4





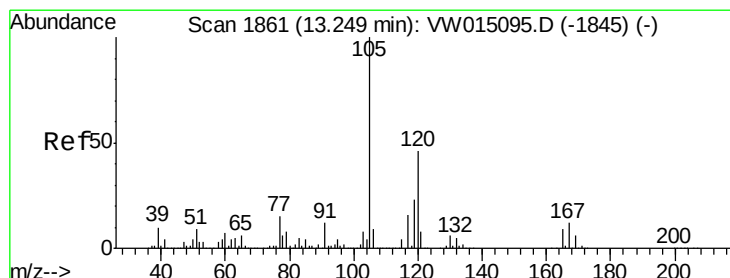
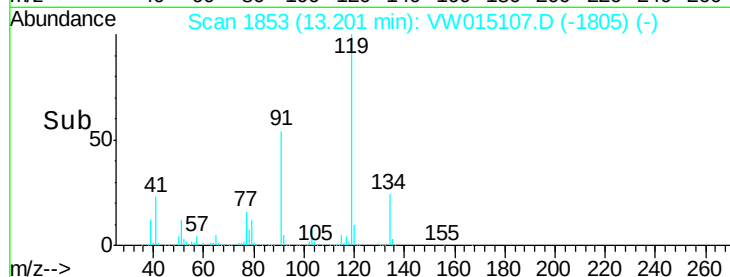
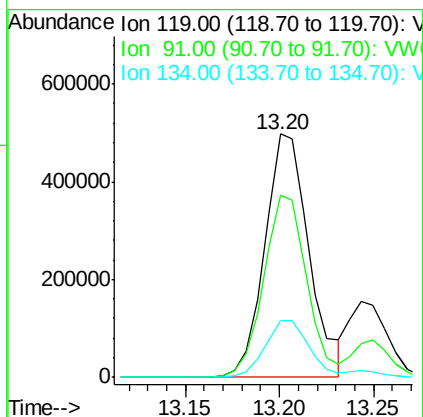
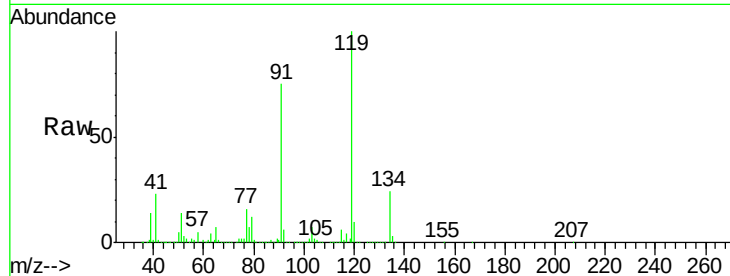
#83
 tert-Butylbenzene
 Concen: 57.493 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.5	35.7	107.1
134	23.7	12.7	38.1

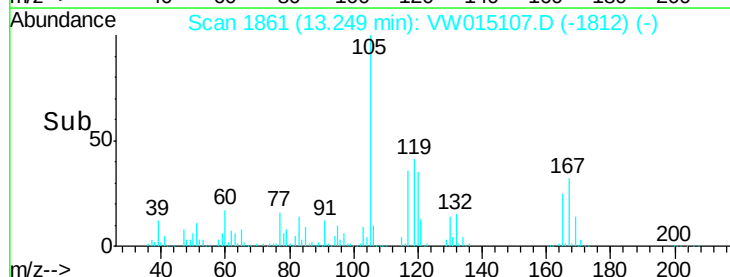
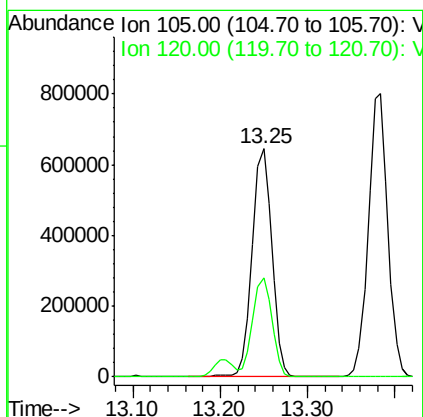
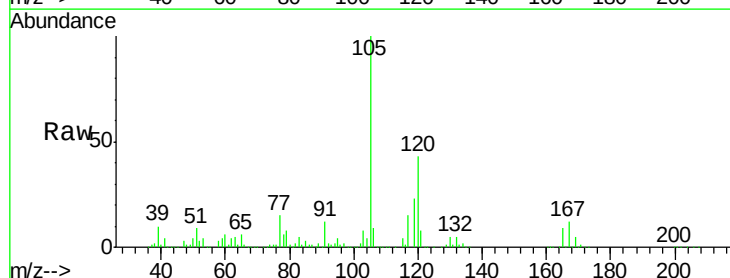
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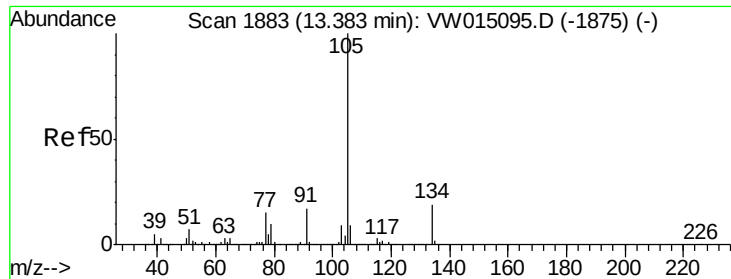
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#84
 1,2,4-Trimethylbenzene
 Concen: 58.011 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.1	66.3





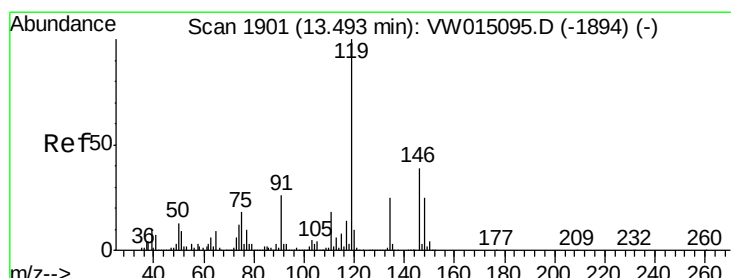
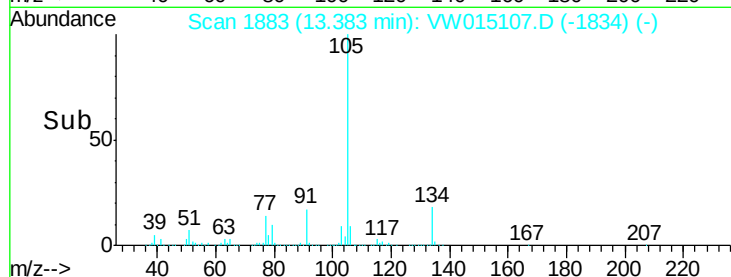
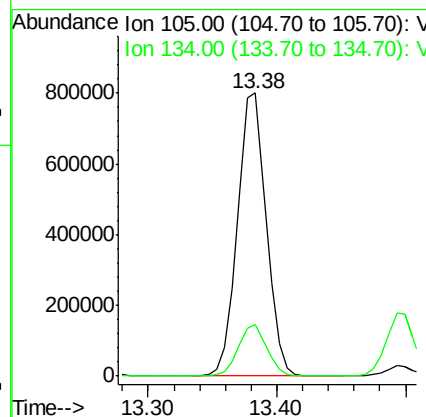
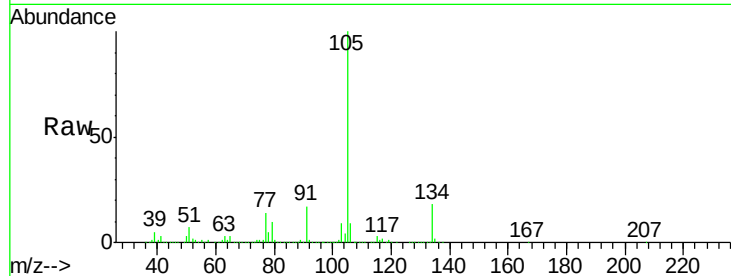
#85
 sec-Butylbenzene
 Concen: 58.246 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1243039
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.0 27.1

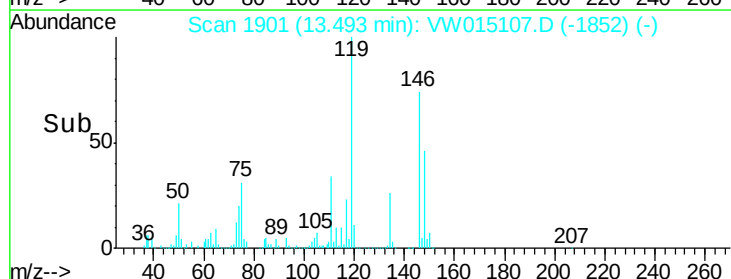
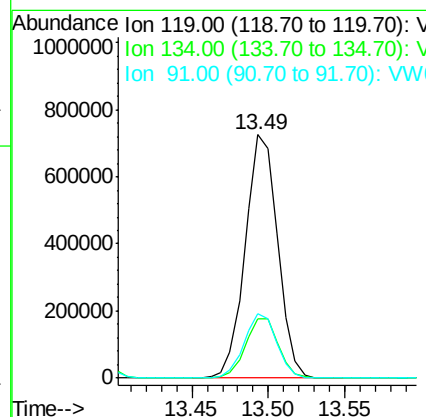
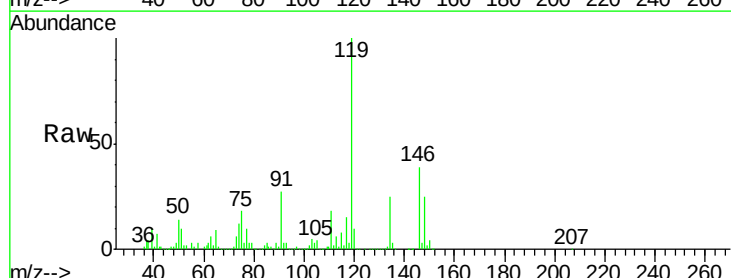
Manual Integrations
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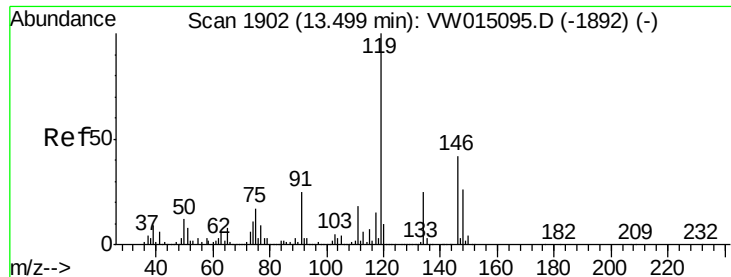
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#86
 p-Isopropyltoluene
 Concen: 58.121 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion:119 Resp: 1066183
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 26.3 12.9 38.6





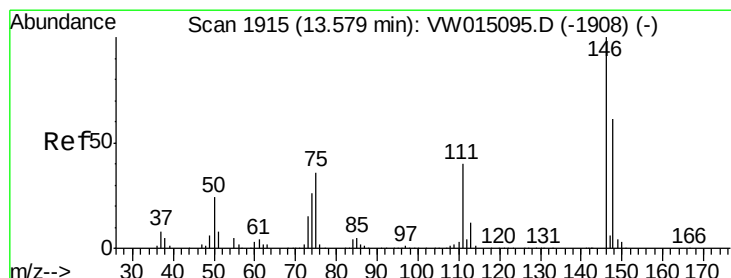
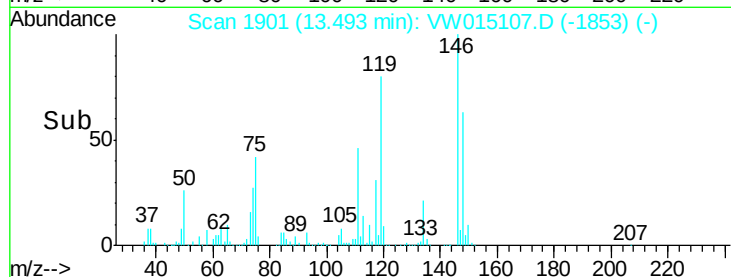
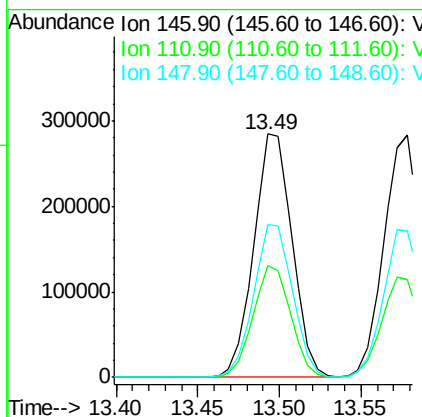
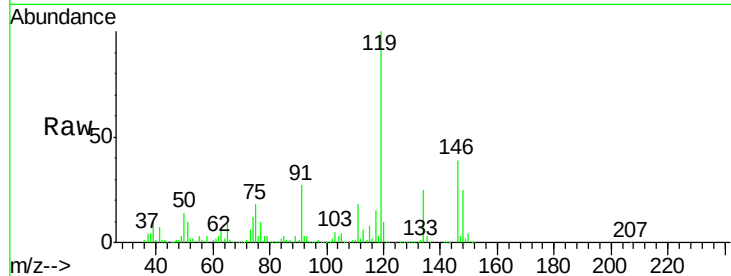
#87
 1,3-Dichlorobenzene
 Concen: 55.125 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.5	67.5
148	63.3	31.9	95.9

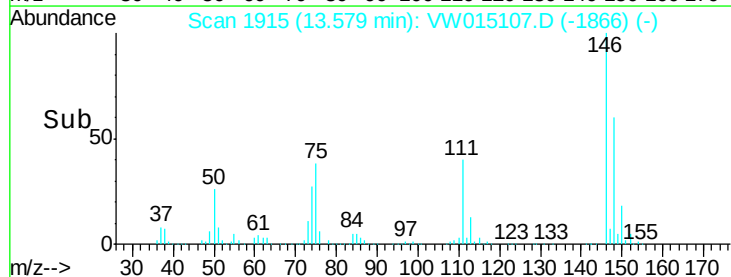
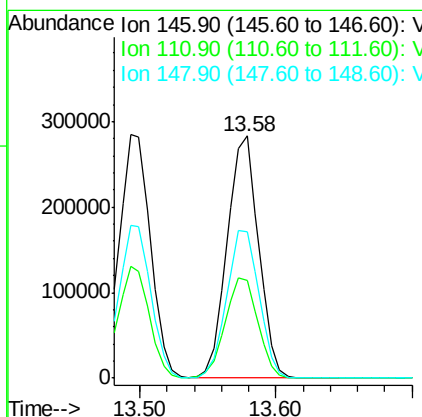
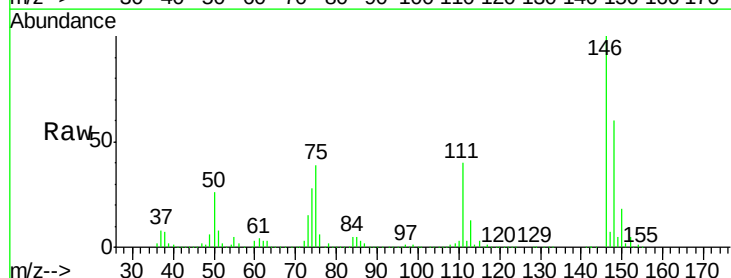
Manual Integrations
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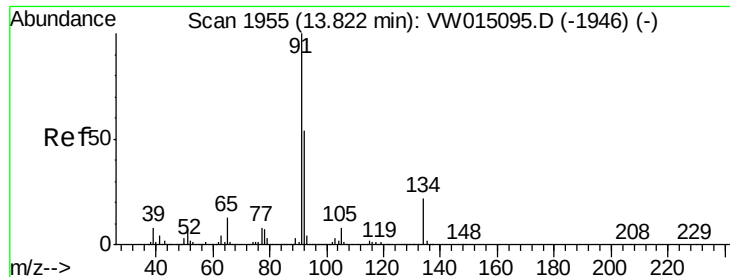
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 3/11/2020 3:22:07 PM



#88
 1,4-Dichlorobenzene
 Concen: 54.554 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	62.7	31.6	94.8





#89

n-Butylbenzene

Concen: 58.723 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015107.D

Acq: 10 Mar 2020 10:46

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1161730

Ion Ratio Lower Upper

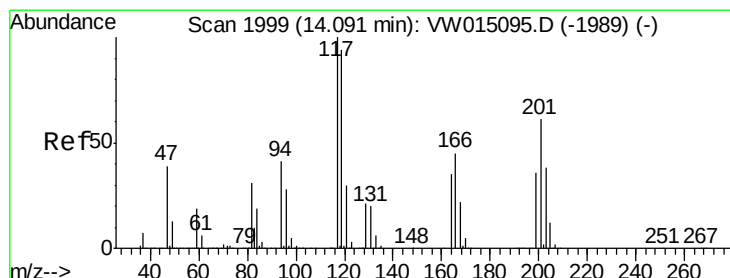
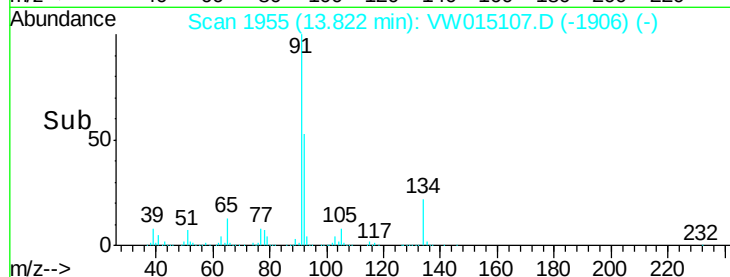
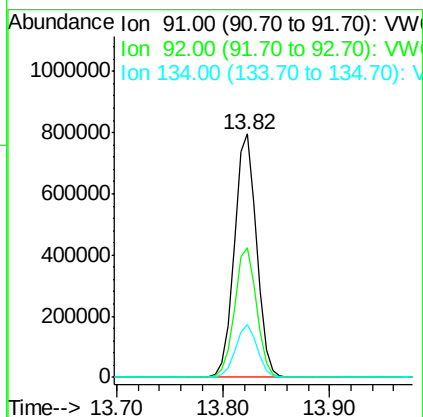
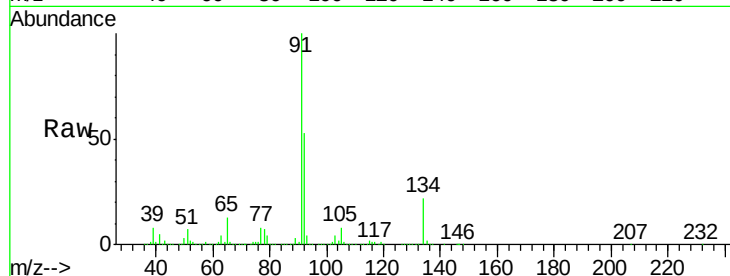
91 100

92 52.9 26.8 80.3

134 21.4 10.8 32.4

Manual Integrations
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#90

Hexachloroethane

Concen: 53.871 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015107.D

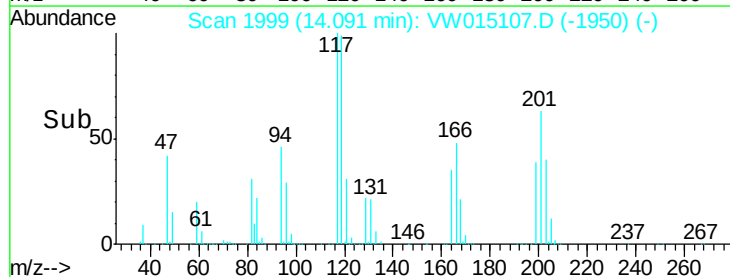
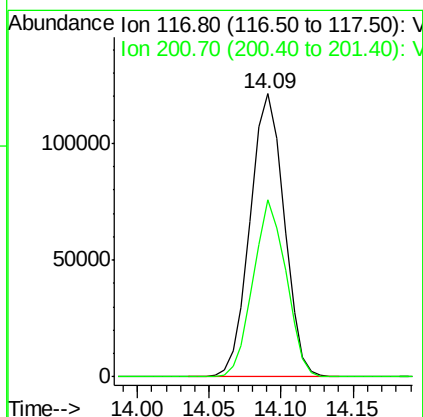
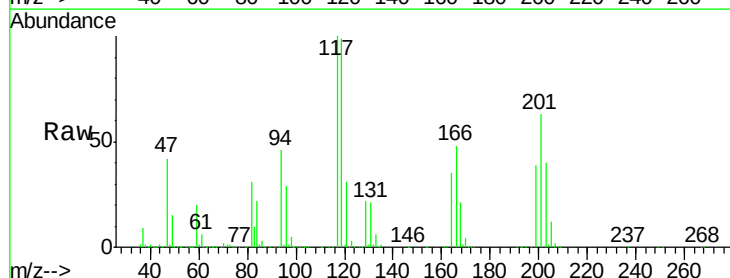
Acq: 10 Mar 2020 10:46

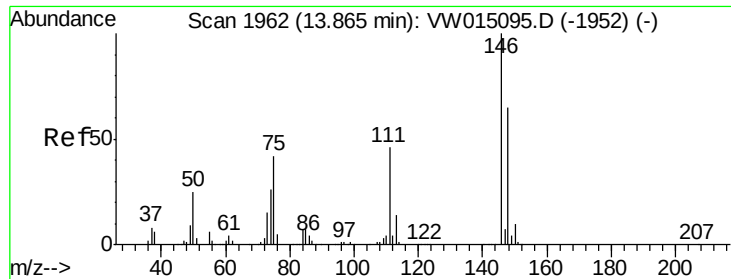
Tgt Ion: 117 Resp: 198189

Ion Ratio Lower Upper

117 100

201 60.7 30.3 90.9





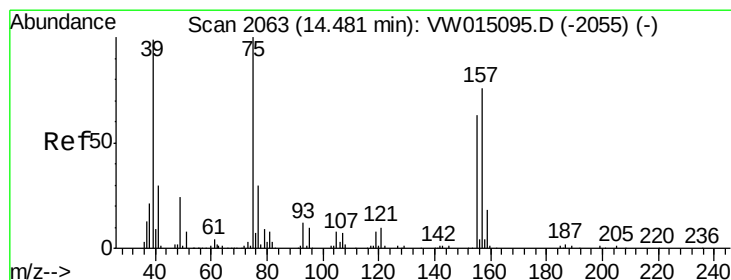
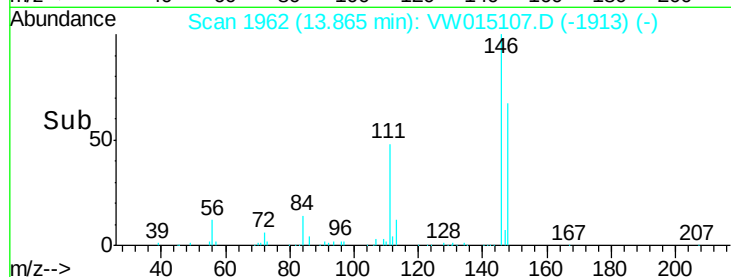
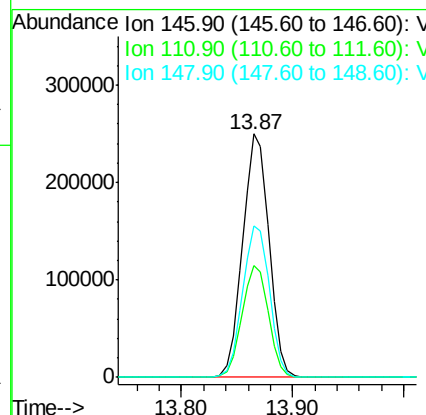
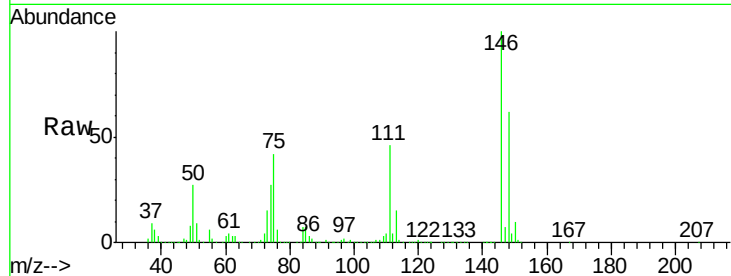
#91
 1,2-Dichlorobenzene
 Concen: 54.954 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	23.1	69.2
148	63.7	32.3	96.9

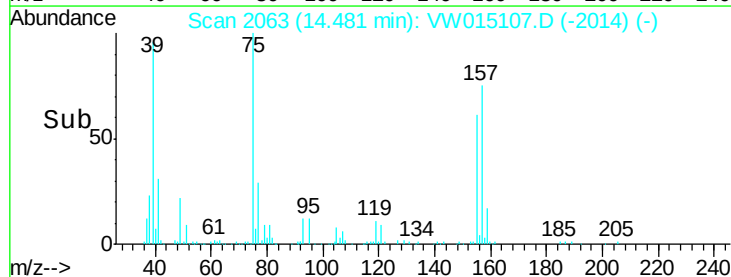
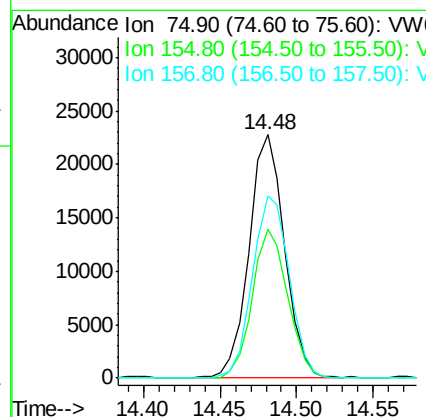
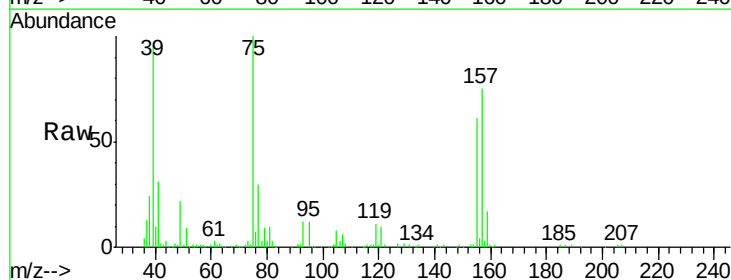
Manual Integrations
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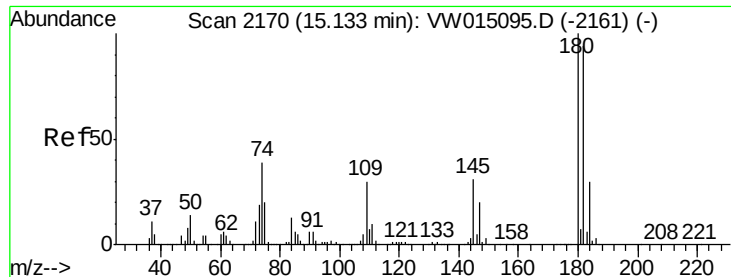
MMDadoda
 3/11/2020 3:22:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.883 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.6	32.1	96.3
157	77.4	39.6	118.7





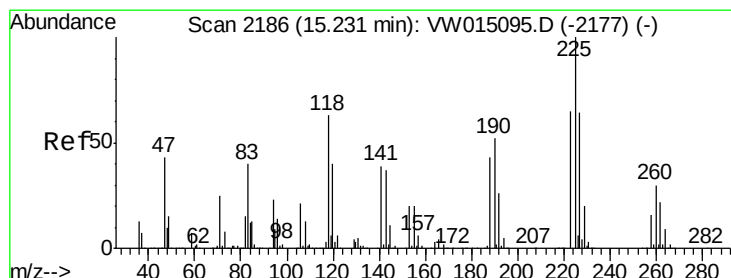
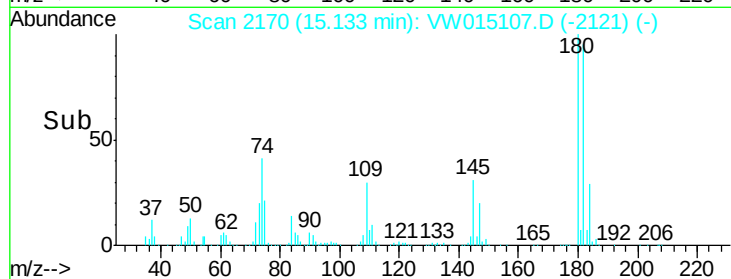
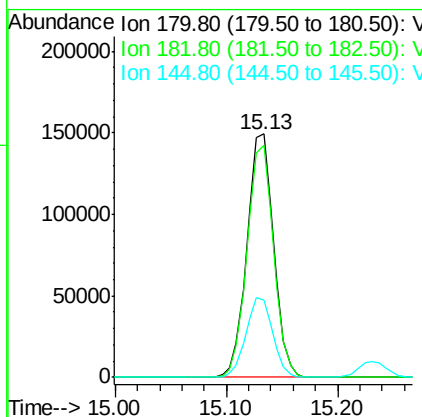
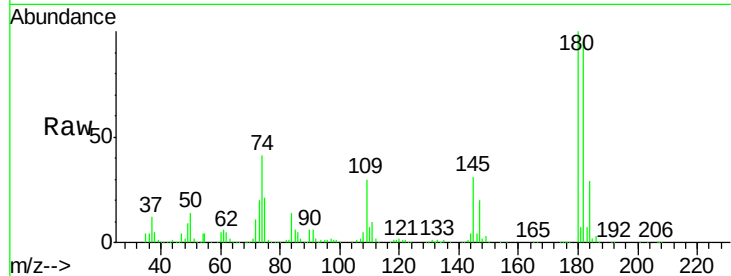
#93
 1,2,4-Trichlorobenzene
 Concen: 58.763 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	249692		
182	95.2	47.6	142.9	
145	32.7	16.2	48.5	

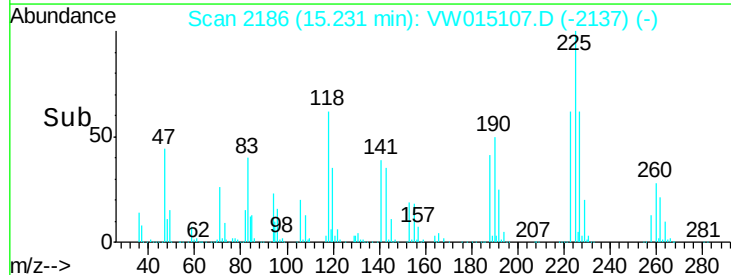
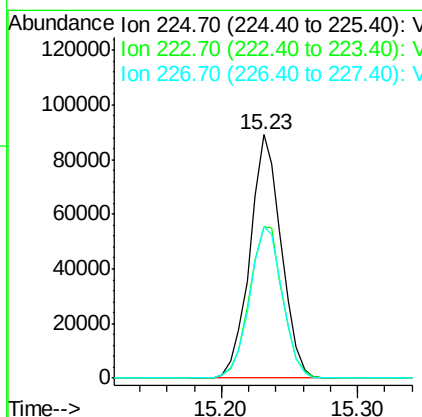
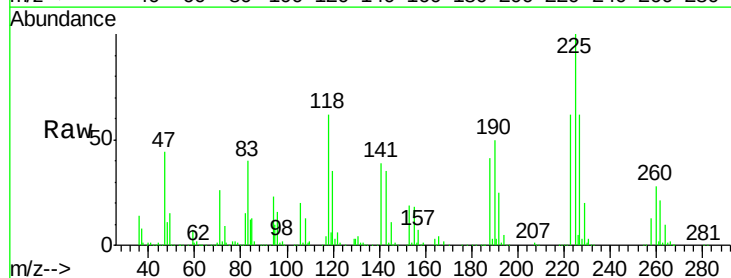
Manual Integrations
 APPROVED

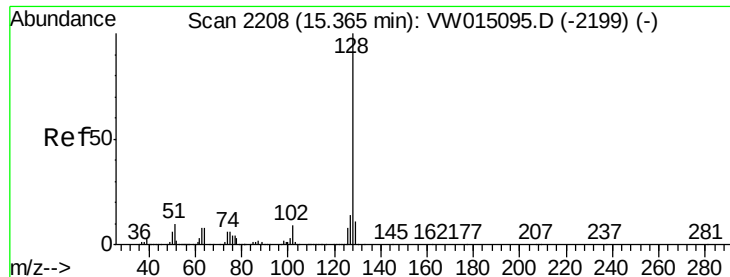
MMDadoda
 3/11/2020 3:22:07 PM



#94
 Hexachlorobutadiene
 Concen: 53.735 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015107.D
 Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143355		
223	66.1	32.5	97.4	
227	65.0	33.0	99.0	





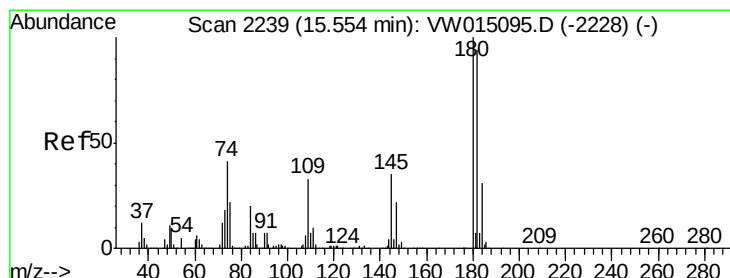
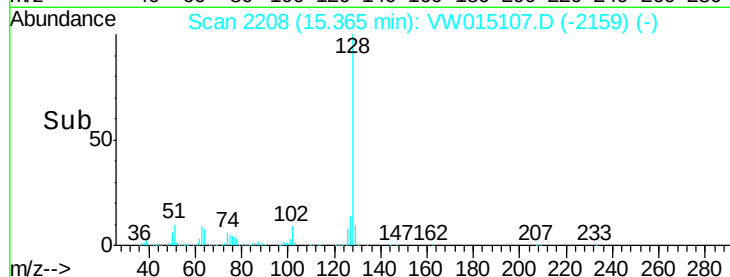
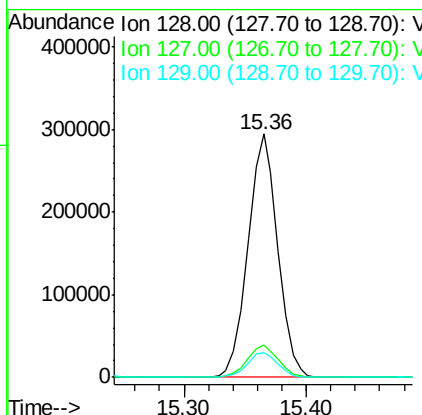
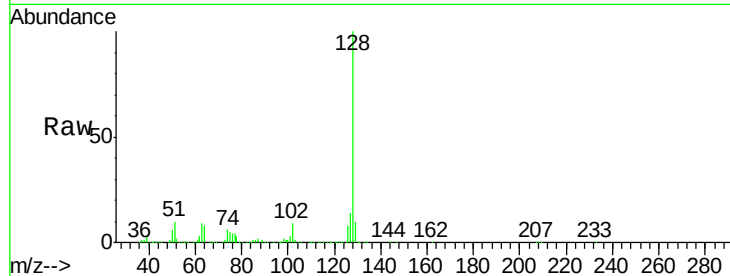
#95
Naphthalene
Concen: 53.293 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
3/11/2020 3:22:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 59.003 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015107.D
Acq: 10 Mar 2020 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.7
145	35.0	17.5	52.6

