

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015248.D
 Acq On : 21 Apr 2020 01:59
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:00:45 AM

Quant Time: Apr 21 08:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	311587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	172738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	91970	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.88	113	93858	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
50) Toluene-d8	10.32	98	375345	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	148433	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	79611	47.516	ug/l	97
3) Chloromethane	2.22	50	96237	52.746	ug/l	100
4) Vinyl Chloride	2.36	62	108924	50.556	ug/l	99
5) Bromomethane	2.76	94	84520	55.173	ug/l	89
6) Chloroethane	2.92	64	67876	50.789	ug/l	99
7) Trichlorofluoromethane	3.26	101	140914	46.220	ug/l	100
8) Diethyl Ether	3.68	74	45187	52.804	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.06	101	87314	46.441	ug/l	92
10) Methyl Iodide	4.27	142	105372	53.360	ug/l	98
11) Tert butyl alcohol	5.17	59	35803	253.152	ug/l	96
12) 1,1-Dichloroethene	4.04	96	87038	48.097	ug/l	95
13) Acrolein	3.90	56	19495	263.363	ug/l	98
14) Allyl chloride	4.67	41	116898	48.693	ug/l	87
15) Acrylonitrile	5.37	53	85063	261.200	ug/l	99
16) Acetone	4.13	43	61094	201.608	ug/l	99
17) Carbon Disulfide	4.38	76	266299	49.518	ug/l	100
18) Methyl Acetate	4.68	43	40385	50.347	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	216689	52.161	ug/l	94
20) Methylene Chloride	4.92	84	100825	50.767	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	104668	50.998	ug/l	94
22) Diisopropyl ether	6.32	45	235006	51.027	ug/l #	93
23) Vinyl Acetate	6.26	43	689124	254.983	ug/l	95
24) 1,1-Dichloroethane	6.22	63	161338	50.547	ug/l	99
25) 2-Butanone	7.17	43	98872	245.923	ug/l	91
26) 2,2-Dichloropropane	7.17	77	147035	43.787	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	114507	51.679	ug/l	98
28) Bromochloromethane	7.51	49	63013	54.299	ug/l #	77
29) Tetrahydrofuran	7.53	42	66331	264.815	ug/l	88
30) Chloroform	7.68	83	176405	51.207	ug/l	98
31) Cyclohexane	7.96	56	136434	42.523	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	158712	47.736	ug/l	99
36) 1,1-Dichloropropene	8.09	75	130438	46.382	ug/l	98
37) Ethyl Acetate	7.26	43	46661	51.124	ug/l	97
38) Carbon Tetrachloride	8.07	117	142176	46.262	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	167549	44.762	ug/l	96
40) Benzene	8.32	78	374549	49.858	ug/l	96
41) Methacrylonitrile	7.48	41	26605	48.582	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	112869	51.037	ug/l	100
43) Isopropyl Acetate	8.42	43	97063	50.705	ug/l	96
44) Trichloroethene	9.09	130	114661	49.899	ug/l	90
45) 1,2-Dichloropropane	9.37	63	86910	49.749	ug/l	99
46) Dibromomethane	9.46	93	52585	52.035	ug/l #	86
47) Bromodichloromethane	9.64	83	132914	49.200	ug/l	99
48) Methyl methacrylate	9.43	41	44853	49.566	ug/l #	81
49) 1,4-Dioxane	9.45	88	15162	1125.446	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	240569	267.717	ug/l	97
52) Toluene	10.38	92	266110	50.615	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	131842	49.495	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	151928	49.069	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	73103	51.661	ug/l	94
56) Ethyl methacrylate	10.65	69	95666	52.479	ug/l	93
57) 1,3-Dichloropropane	10.93	76	120731	51.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	207375	245.371	ug/l	89
59) 2-Hexanone	10.97	43	162984	254.087	ug/l	96
60) Dibromochloromethane	11.13	129	96073	51.421	ug/l	98
61) 1,2-Dibromoethane	11.23	107	71632	51.878	ug/l	98
64) Tetrachloroethene	10.86	164	106115	49.256	ug/l	89
65) Chlorobenzene	11.66	112	297862	50.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	105259	49.443	ug/l	98
67) Ethyl Benzene	11.73	91	535292	48.460	ug/l	99
68) m/p-Xylenes	11.84	106	433781	100.185	ug/l	99
69) o-Xylene	12.16	106	204699	50.651	ug/l	98
70) Styrene	12.18	104	361183	52.430	ug/l	98
71) Bromoform	12.35	173	62046	51.725	ug/l #	97
73) Isopropylbenzene	12.46	105	558049	46.595	ug/l	100
74) N-amyl acetate	12.27	43	103471	49.659	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	81478	47.915	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	63202m	47.296	ug/l	
77) Bromobenzene	12.74	156	136892	49.749	ug/l	83
78) n-propylbenzene	12.80	91	657714	47.166	ug/l	97
79) 2-Chlorotoluene	12.89	91	385209	49.017	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	499749	48.440	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27333	44.713	ug/l	92
82) 4-Chlorotoluene	12.99	91	403910	48.408	ug/l	96
83) tert-Butylbenzene	13.21	119	433517	48.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	496947	48.836	ug/l	99
85) sec-Butylbenzene	13.38	105	582769	46.797	ug/l	97
86) p-Isopropyltoluene	13.49	119	553108	47.799	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	275844	50.454	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	270416	50.457	ug/l	97
89) n-Butylbenzene	13.82	91	489795	46.309	ug/l	98
90) Hexachloroethane	14.09	117	102076	48.101	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	246344	51.852	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	15936	51.786	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	168501	51.026	ug/l	98
94) Hexachlorobutadiene	15.24	225	111055	50.442	ug/l	98
95) Naphthalene	15.36	128	278689	52.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	141879	52.806	ug/l	97

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

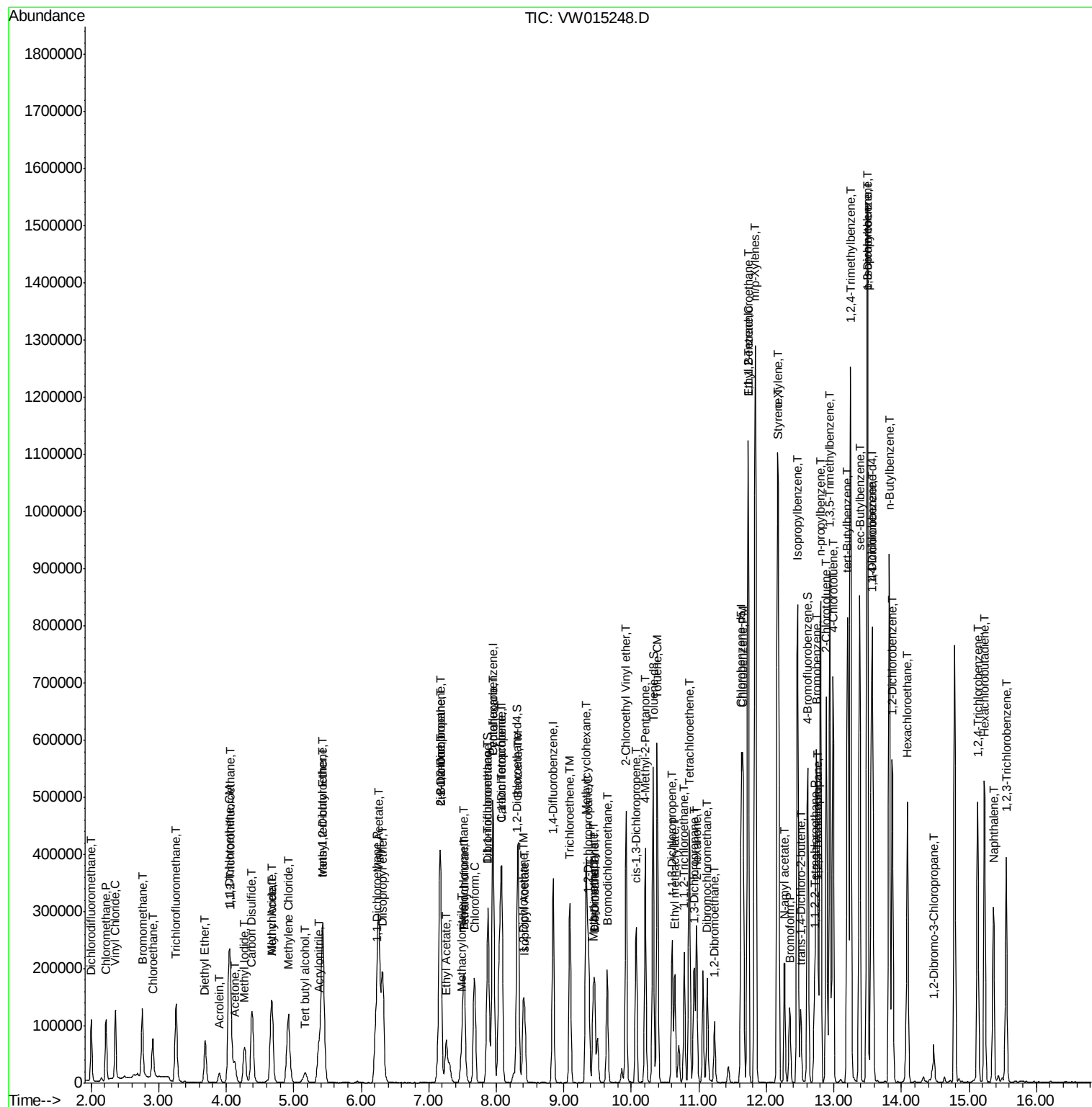
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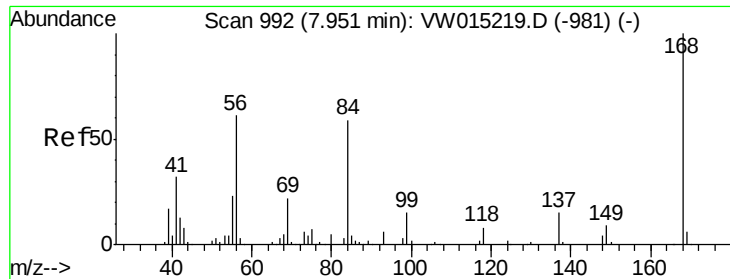
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 212165

Ion Ratio Lower Upper

168 100

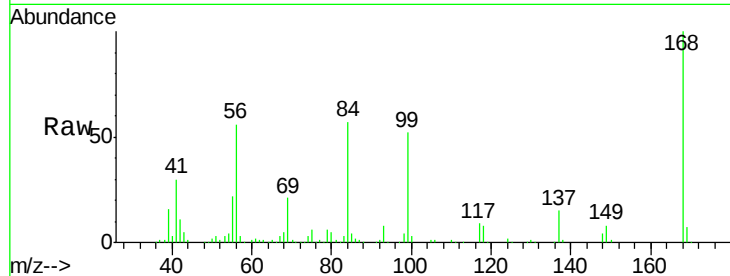
99 51.6 48.5 72.7

Manual Integrations

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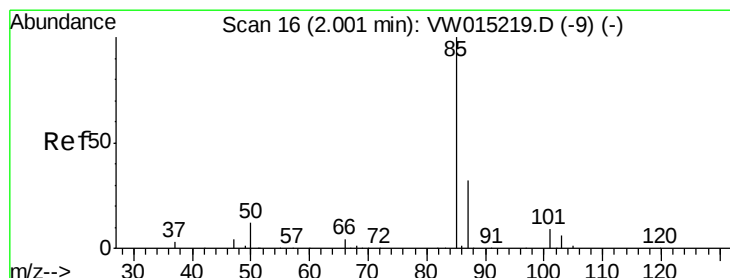
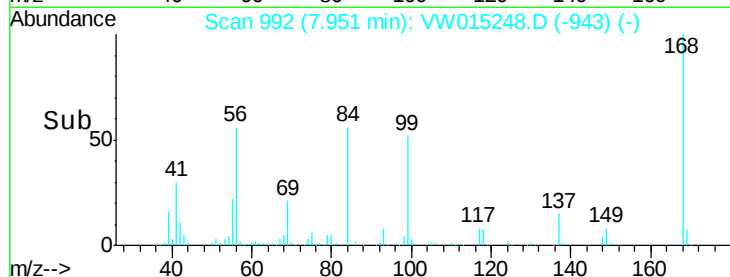
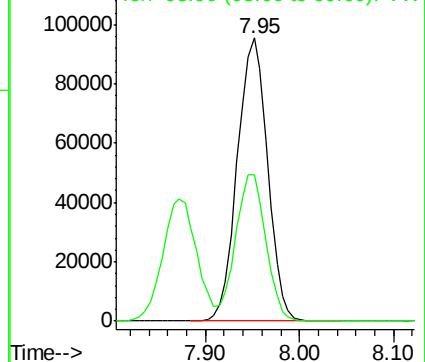
MMDadoda

4/21/2020 10:00:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.516 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015248.D

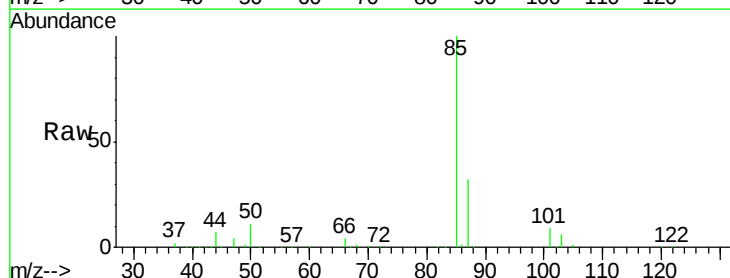
Acq: 21 Apr 2020 01:59

Tgt Ion: 85 Resp: 79611

Ion Ratio Lower Upper

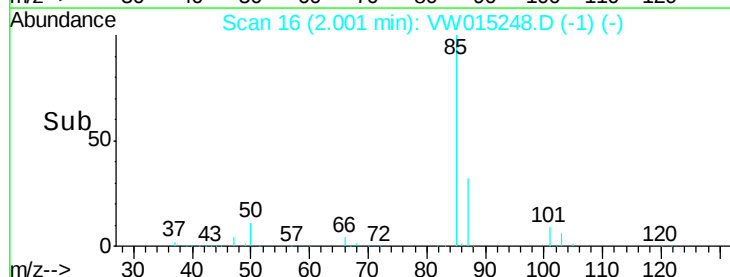
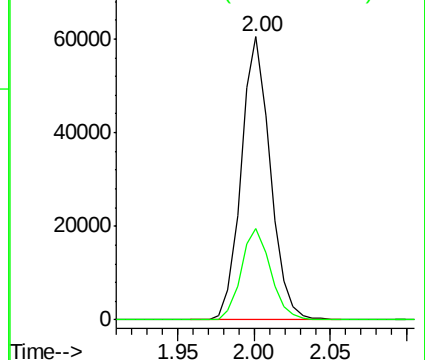
85 100

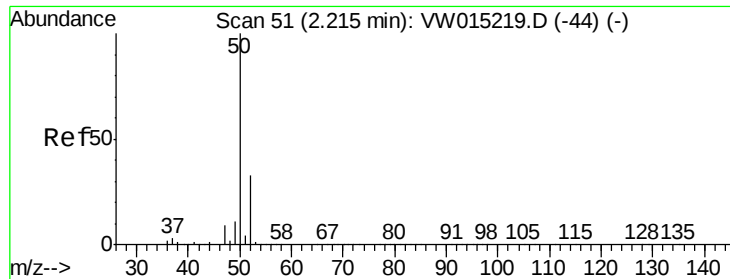
87 32.4 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.746 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 96237

Ion Ratio Lower Upper

50 100

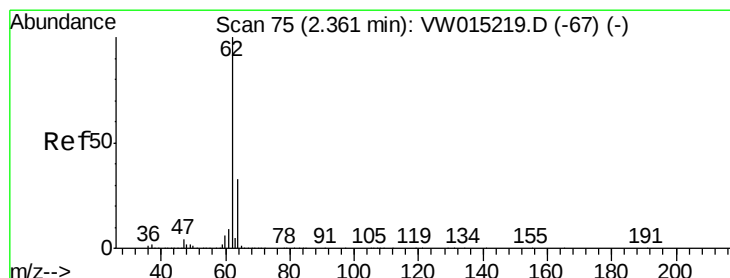
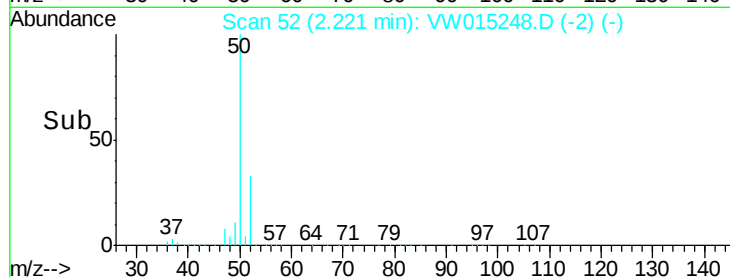
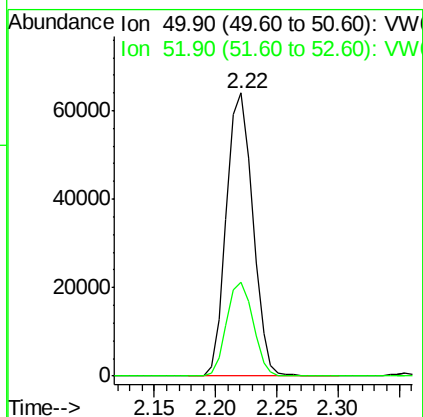
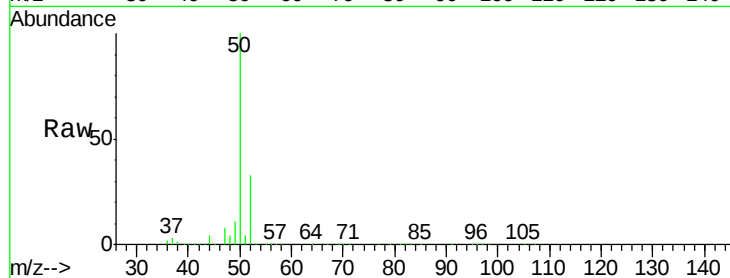
52 33.1 26.5 39.7

Manual Integrations

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4/21/2020 10:00:45 AM



#4

Vinyl Chloride

Concen: 50.556 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015248.D

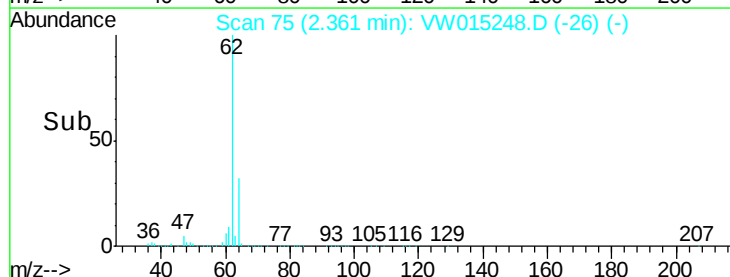
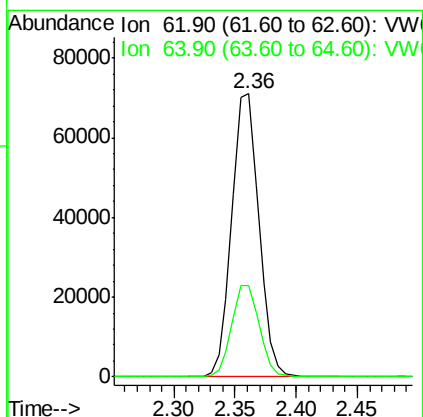
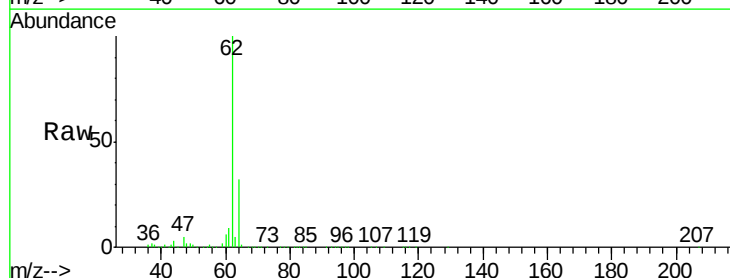
Acq: 21 Apr 2020 01:59

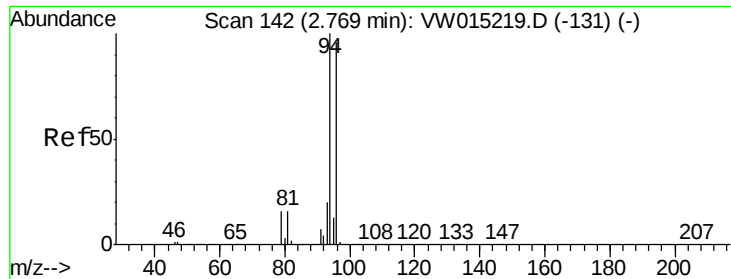
Tgt Ion: 62 Resp: 108924

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 55.173 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

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Tot Ion: 94 Resp: 84520

Ion Ratio Lower Upper

94 100

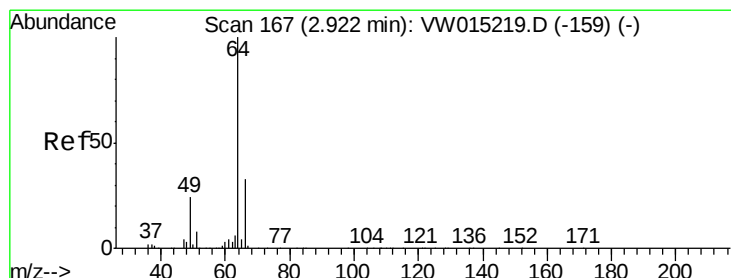
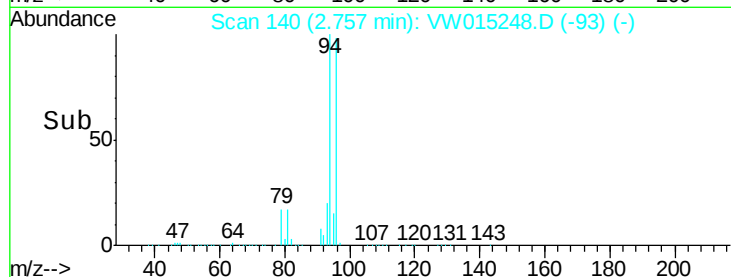
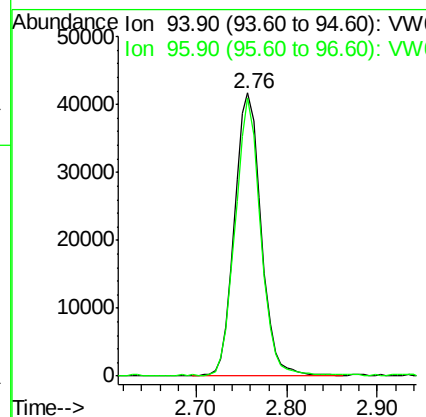
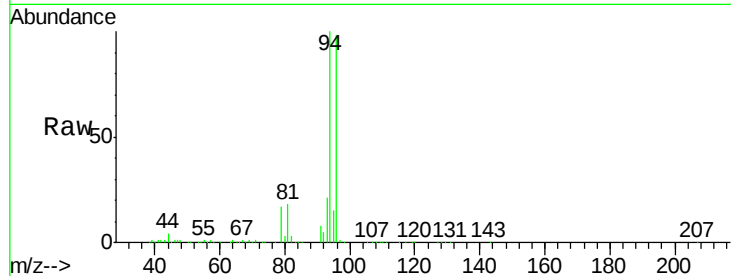
96 98.0 70.4 105.6

Manual Integrations

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#6

Chloroethane

Concen: 50.789 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015248.D

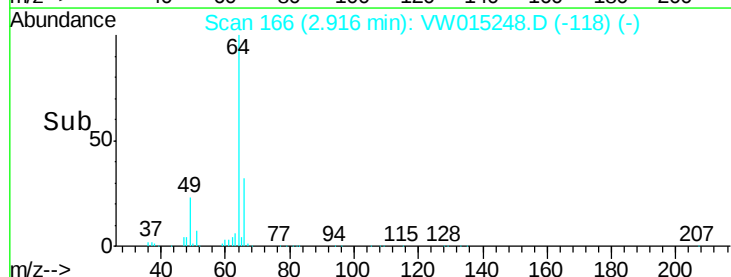
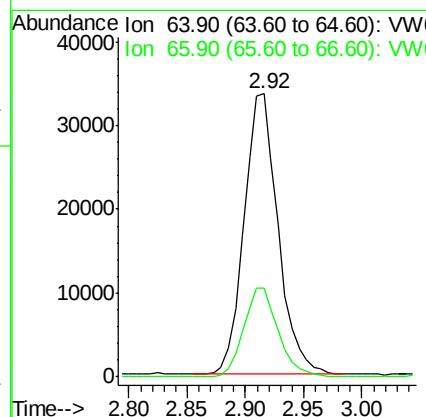
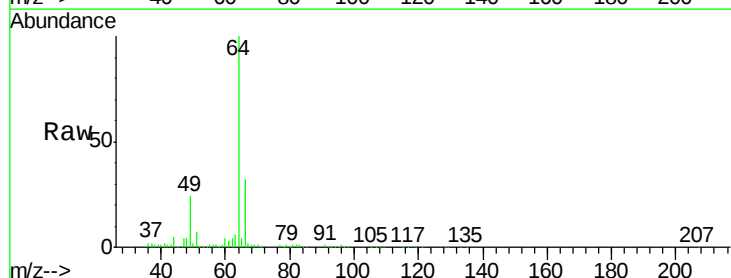
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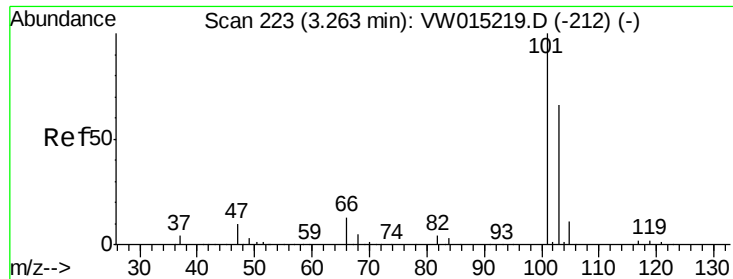
Tgt Ion: 64 Resp: 67876

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.6





#7

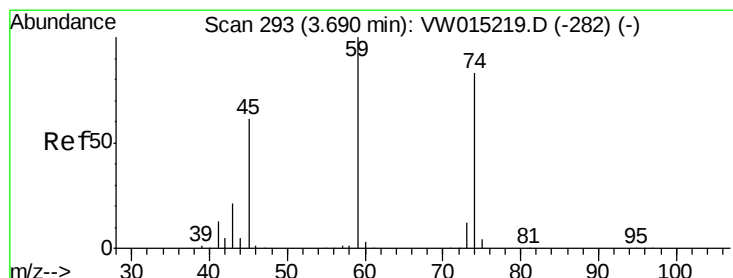
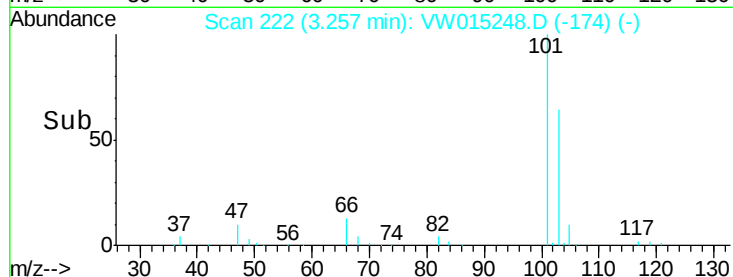
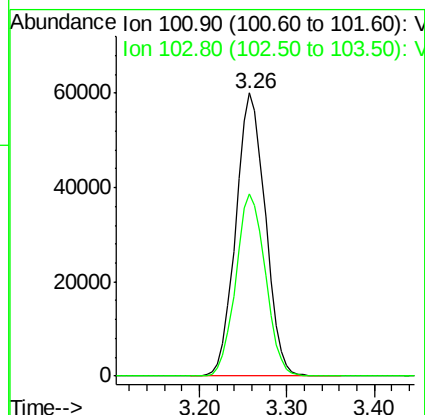
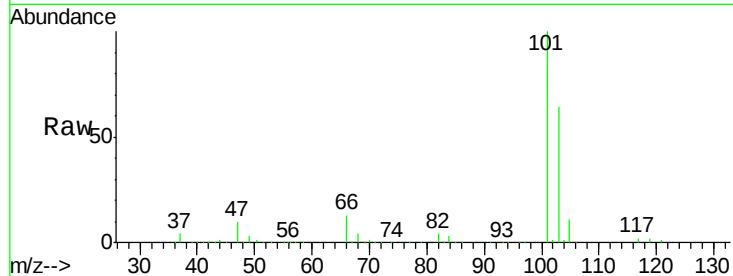
Trichlorofluoromethane
 Concen: 46.220 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015248.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.3	76.9

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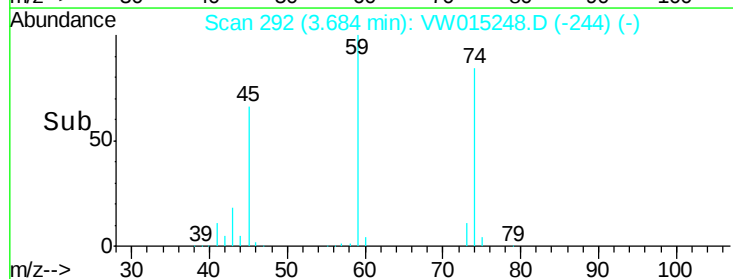
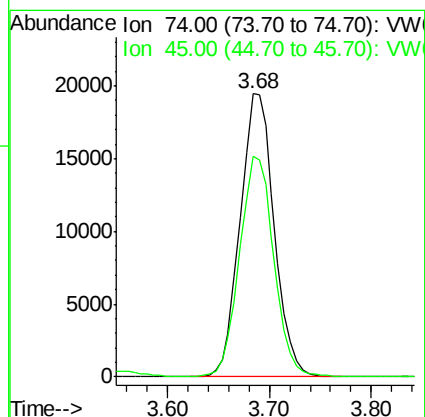
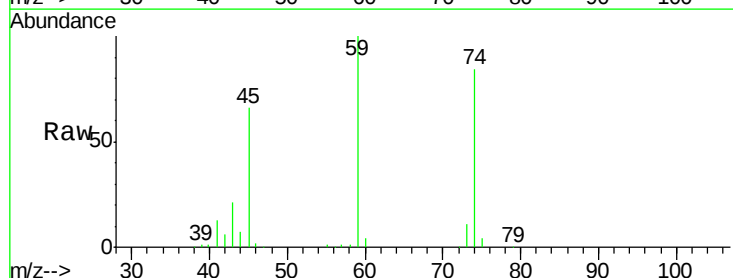
MMDadoda
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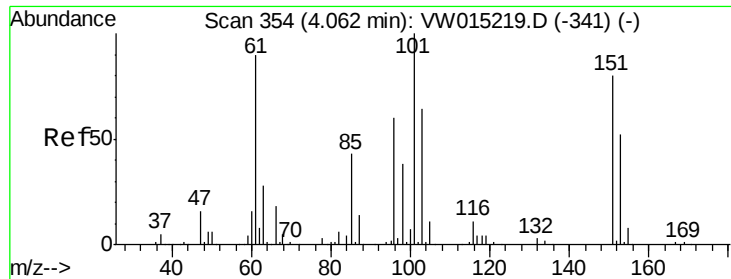


#8

Diethyl Ether
 Concen: 52.804 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW015248.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	78.4	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.441 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

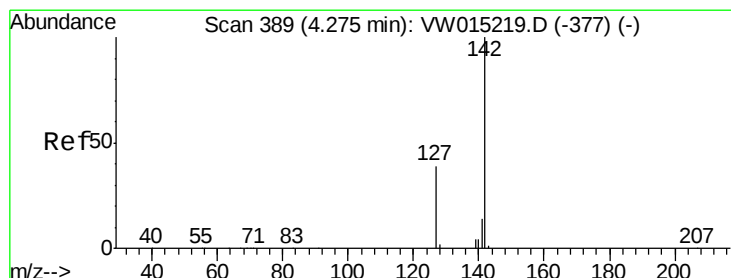
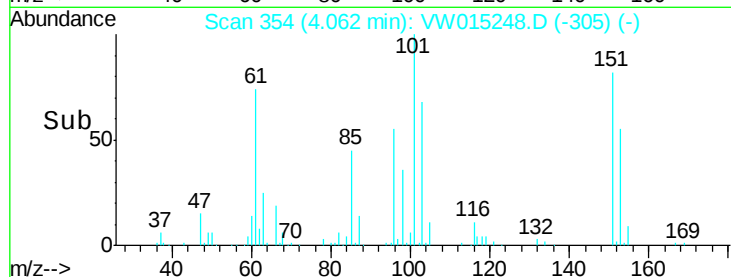
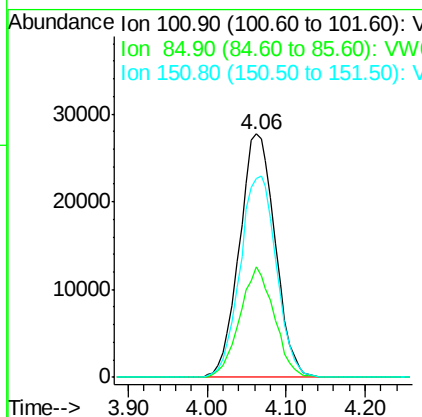
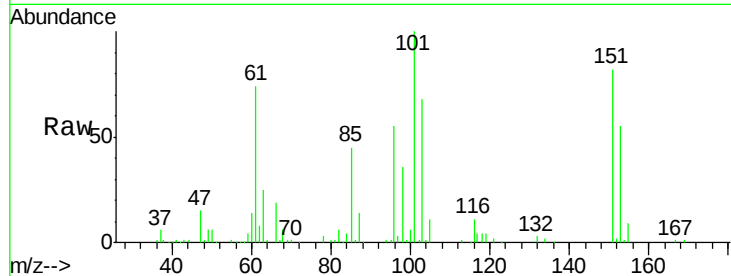
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	87314
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.3	52.9
151	84.2	59.3	88.9

Manual Integrations
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MMDadoda
4/21/2020 10:00:45 AM



#10

Methyl Iodide

Concen: 53.360 ug/l

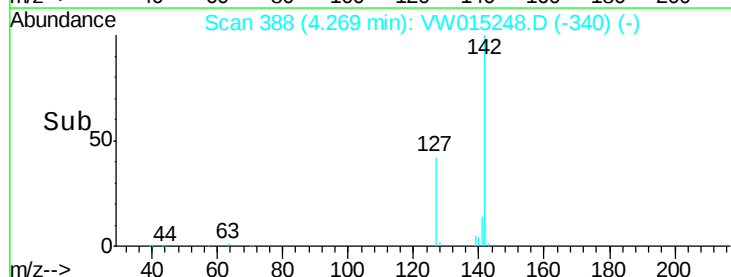
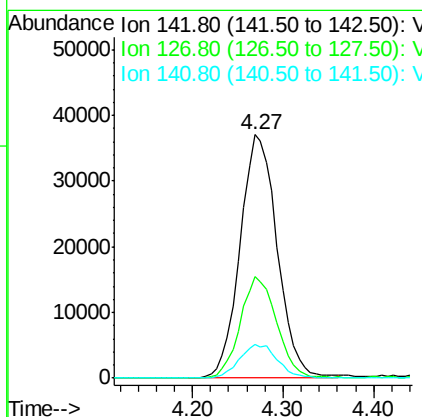
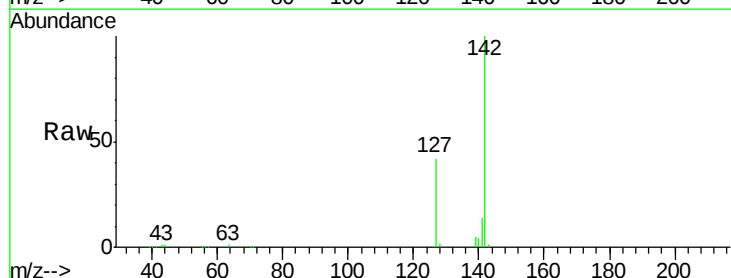
RT: 4.27 min Scan# 388

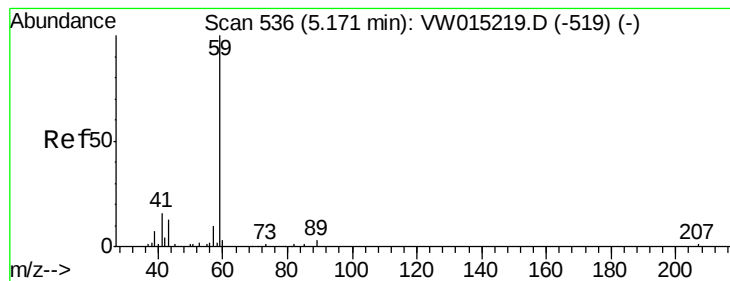
Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion:	142	Resp:	105372
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.9	50.9
141	13.9	11.4	17.2





#11

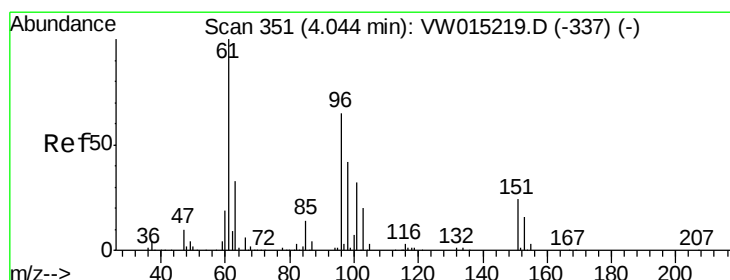
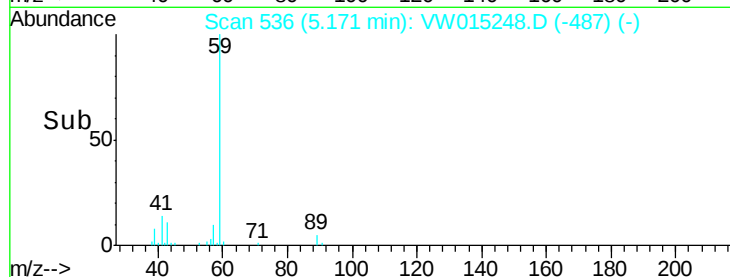
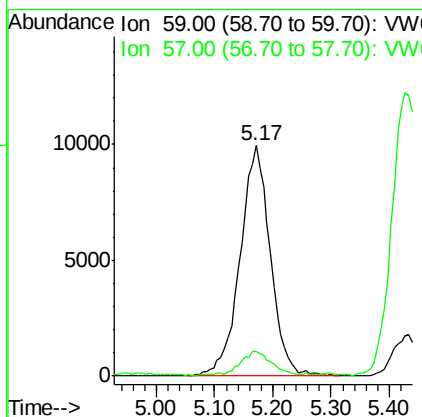
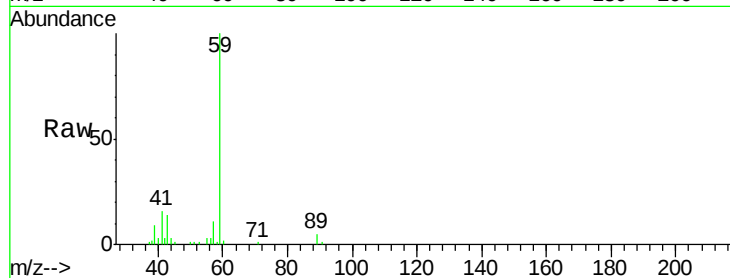
Tert butyl alcohol
Concen: 253.152 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	35803
Ion Ratio	100	Lower	Upper
57	12.0	8.4	12.6

Manual Integrations
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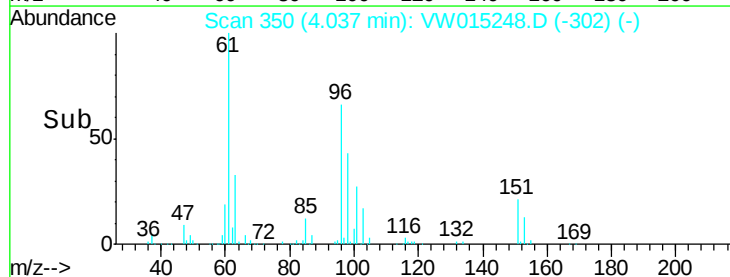
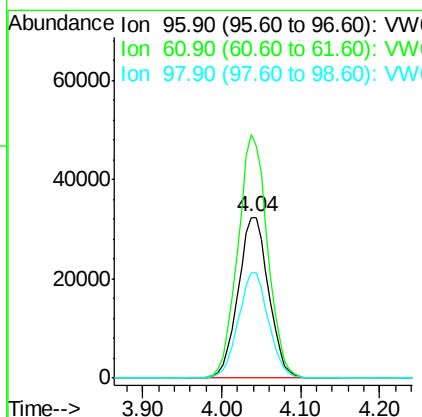
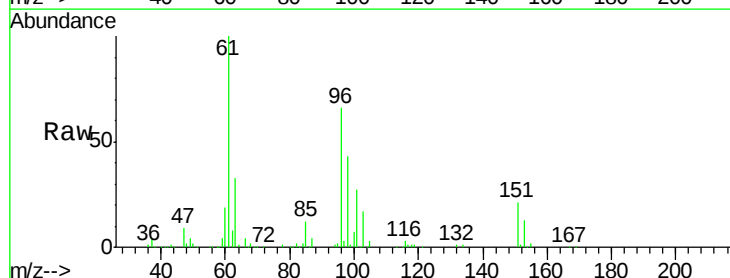
MMDadoda
4/21/2020 10:00:45 AM

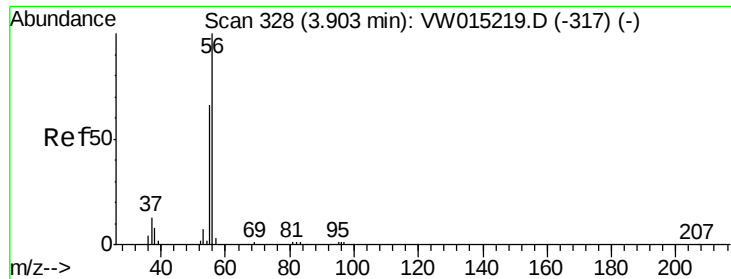


#12

1,1-Dichloroethene
Concen: 48.097 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	96	Resp	87038
Ion Ratio	100	Lower	Upper
61	151.2	127.0	190.4
98	65.2	51.0	76.4





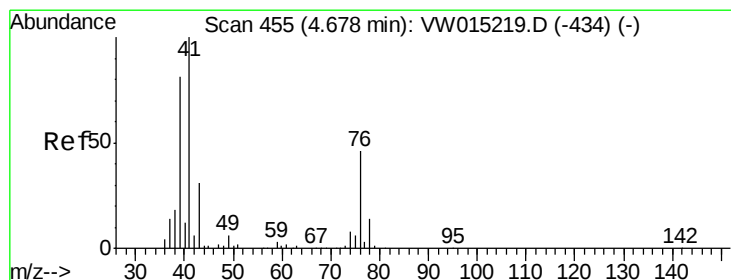
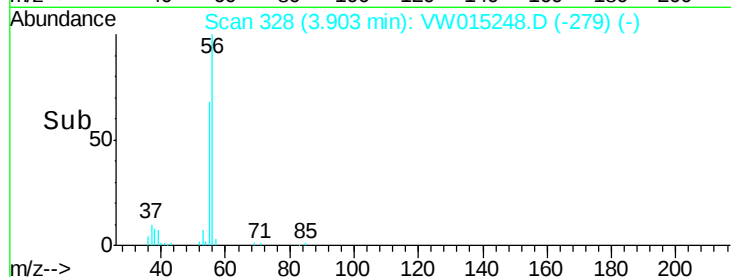
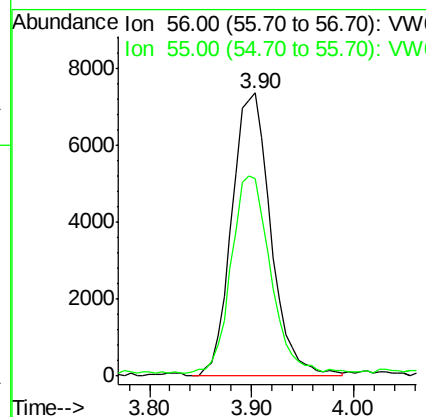
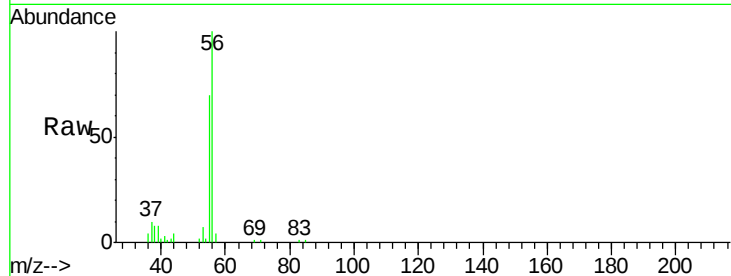
#13
Acrolein
Concen: 263.363 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	19495
Ion Ratio	100	Lower	Upper
55	68.9	56.2	84.2

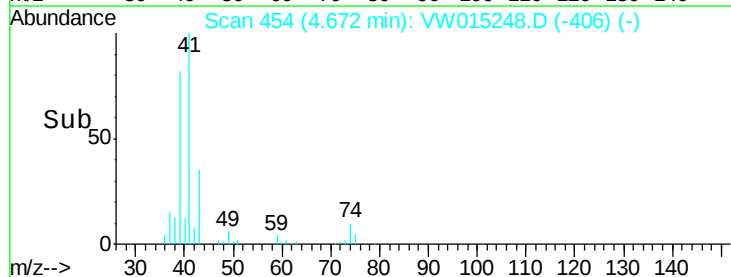
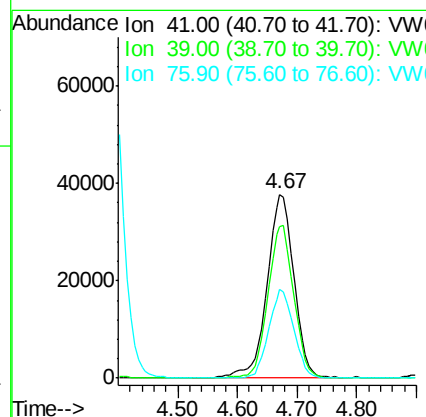
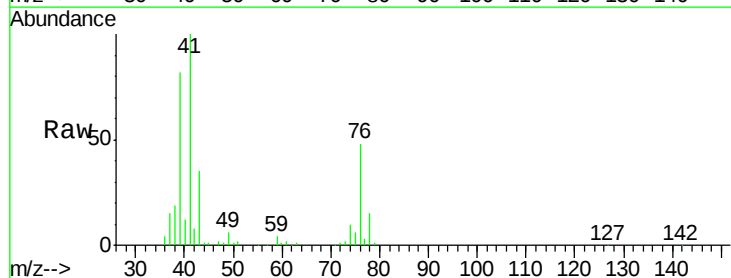
Manual Integrations
APPROVED

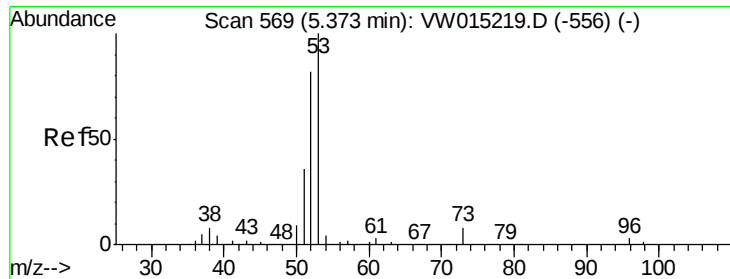
MMDadoda
4/21/2020 10:00:45 AM



#14
Allyl chloride
Concen: 48.693 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	41	Resp	116898
Ion Ratio	100	Lower	Upper
39	79.9	54.0	81.0
76	45.0	31.8	47.6





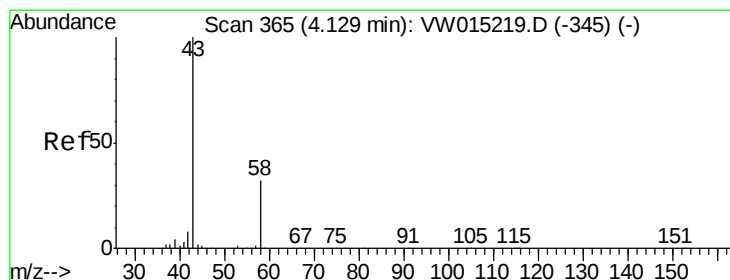
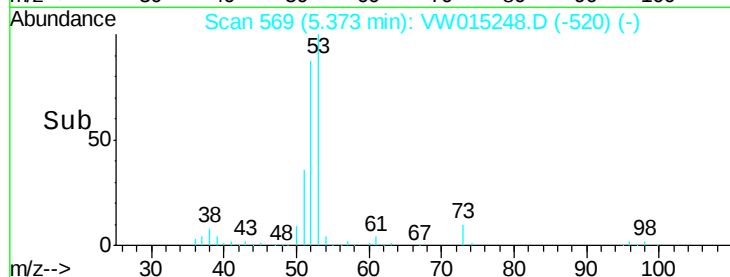
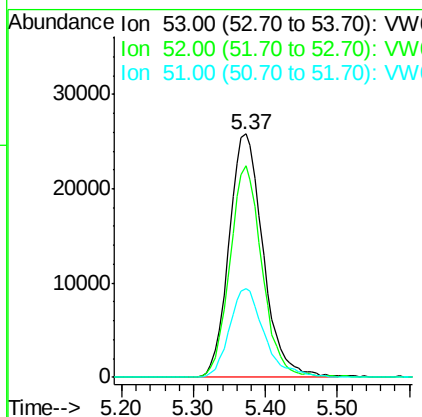
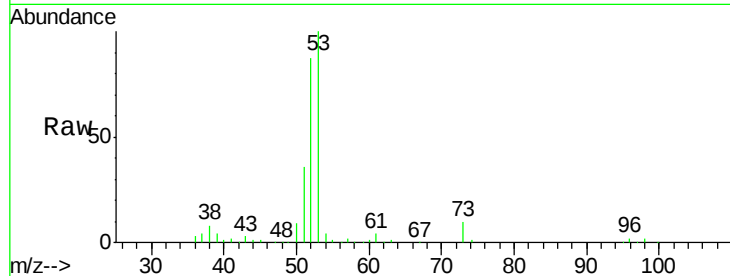
#15
 Acrylonitrile
 Concen: 261.200 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	85063
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.2	97.8
51	37.4	28.2	42.4

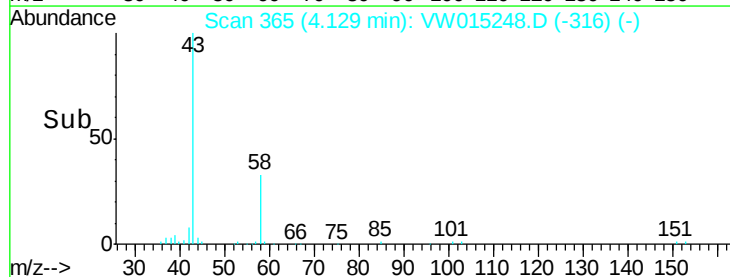
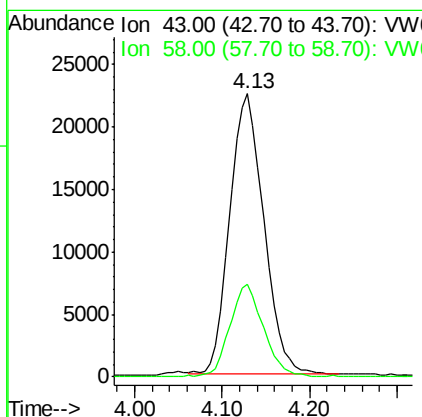
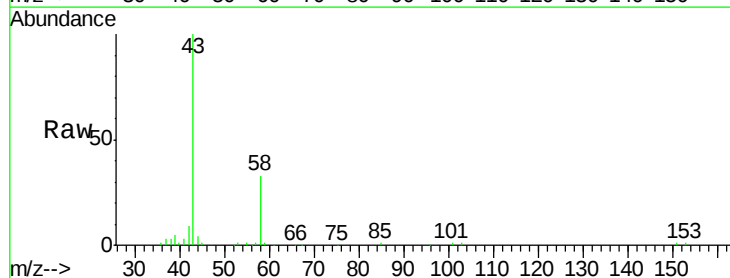
Manual Integrations
 APPROVED

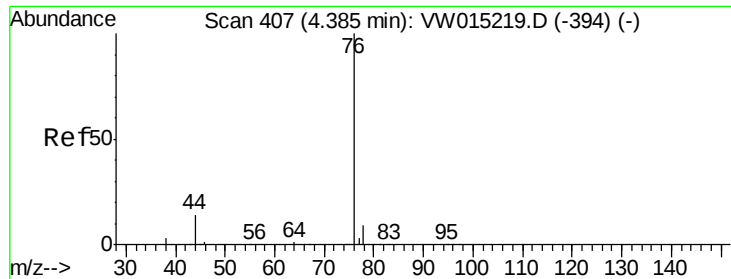
MMDadoda
 4/21/2020 10:00:45 AM



#16
 Acetone
 Concen: 201.608 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion:	43	Resp:	61094
Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.0	40.4





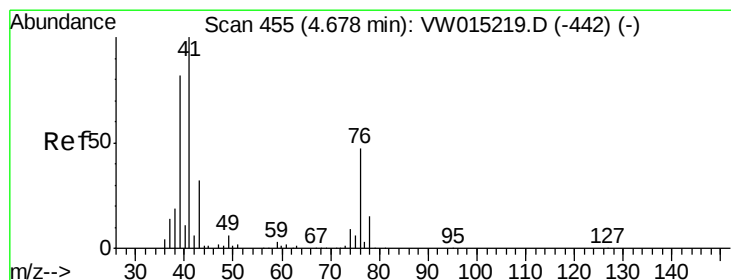
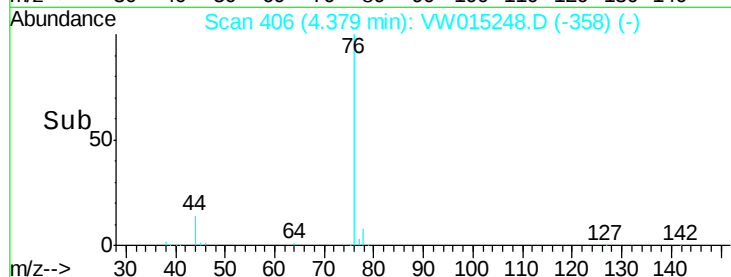
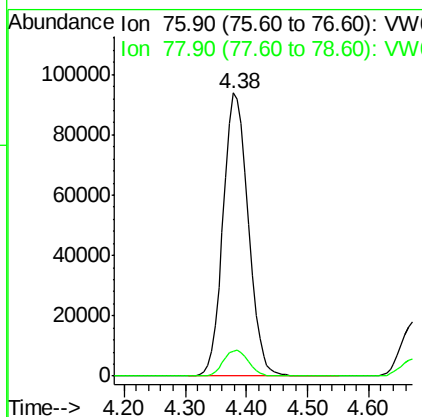
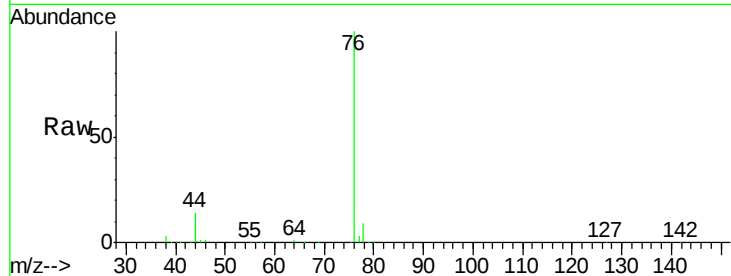
#17
Carbon Disulfide
Concen: 49.518 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

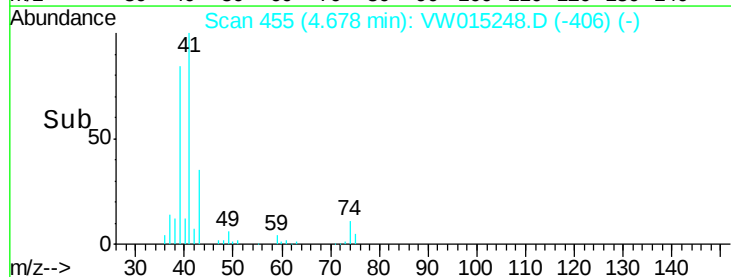
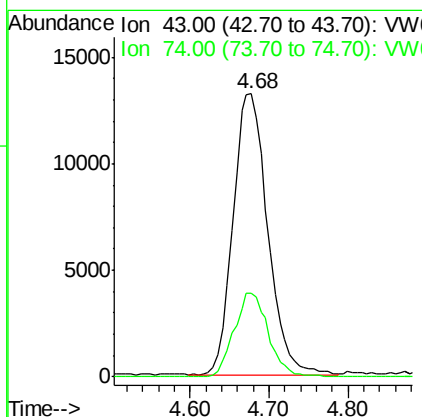
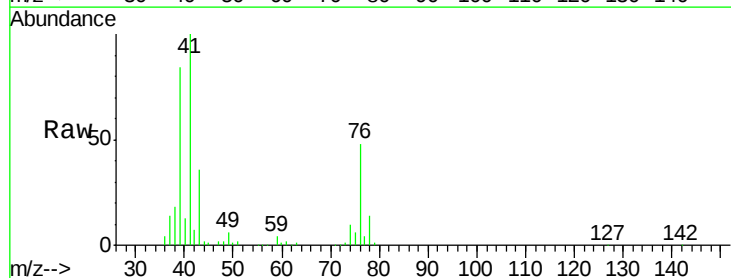
Manual Integrations
APPROVED

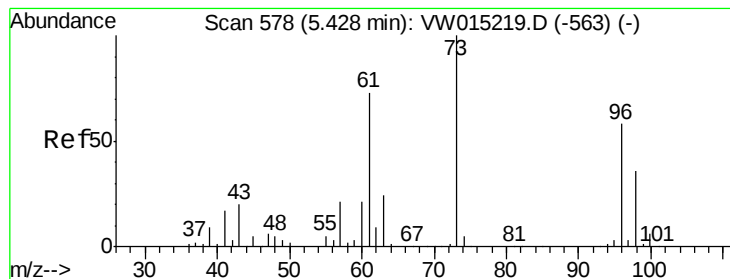
MMDadoda
4/21/2020 10:00:45 AM



#18
Methyl Acetate
Concen: 50.347 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.4	20.6	31.0





#19

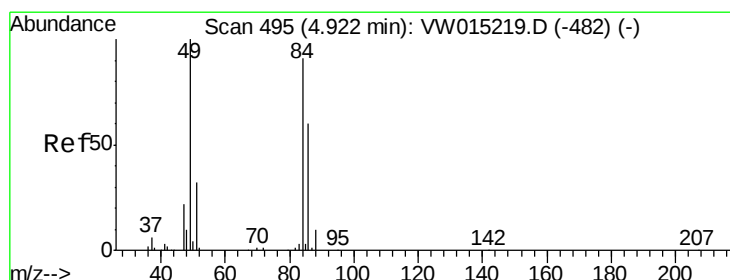
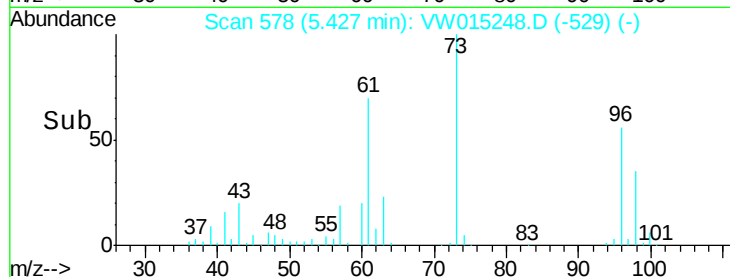
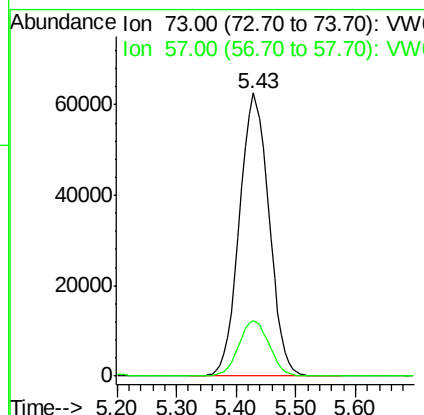
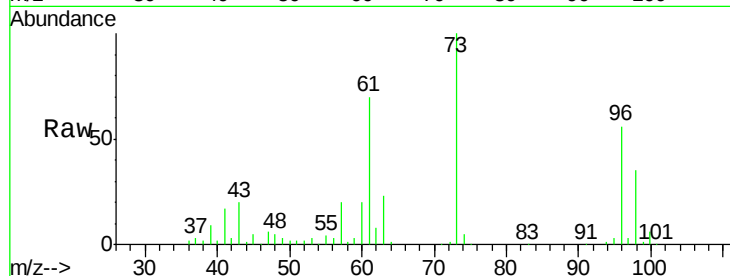
Methyl tert-butyl Ether
 Concen: 52.161 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.8	26.6

Manual Integrations
 APPROVED

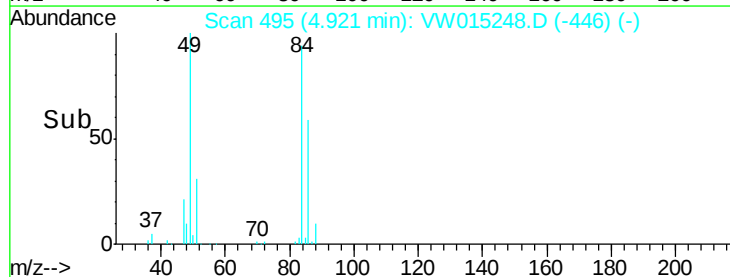
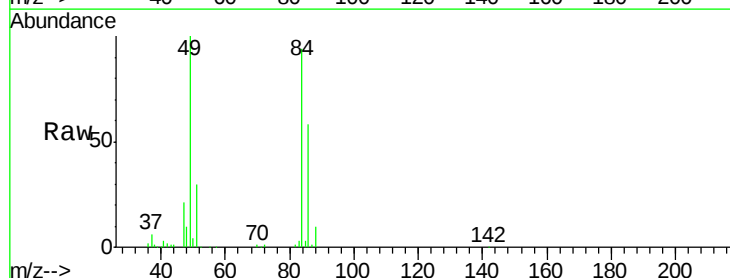
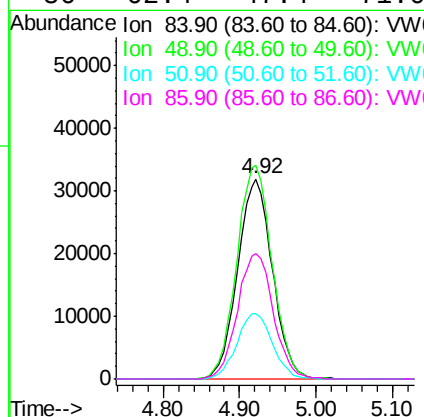
MMDadoda
 4/21/2020 10:00:45 AM

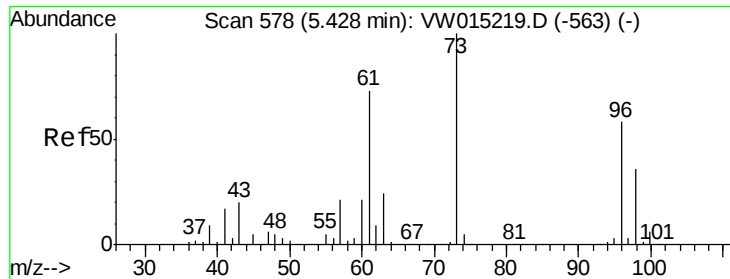


#20

Methylene Chloride
 Concen: 50.767 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.7	95.4	143.0
51	32.4	29.8	44.8
86	62.4	47.4	71.0





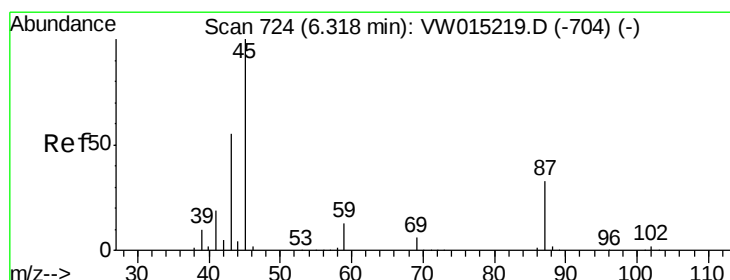
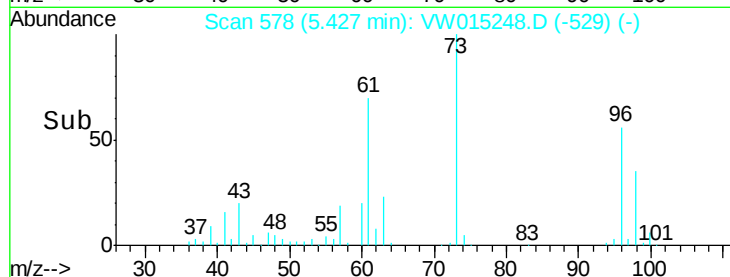
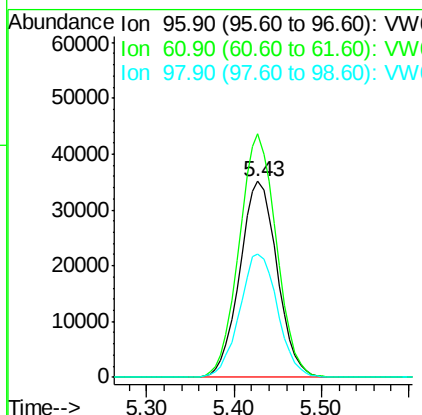
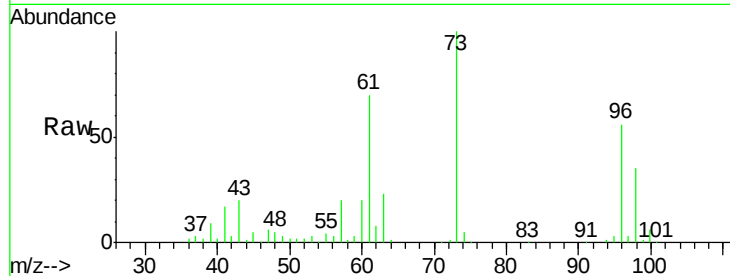
#21
trans-1,2-Dichloroethene
Concen: 50.998 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.4	107.8	161.6
98	62.8	50.2	75.2

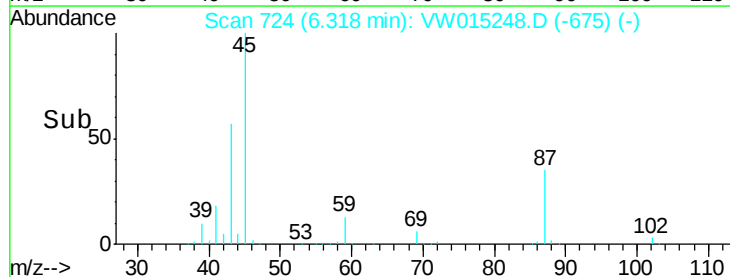
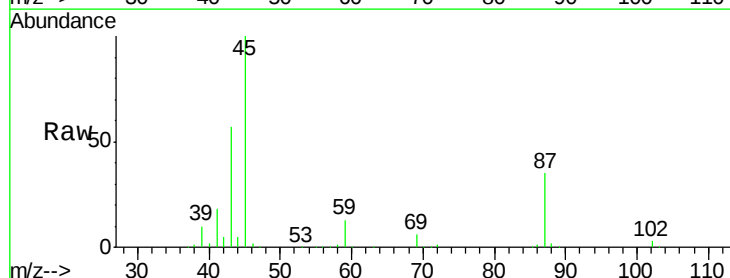
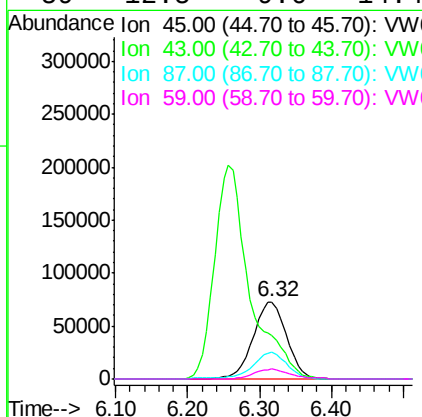
Manual Integrations
APPROVED

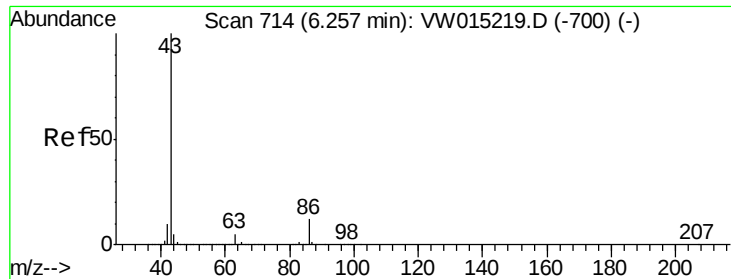
MMDadoda
4/21/2020 10:00:45 AM



#22
Diisopropyl ether
Concen: 51.027 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.6	41.8	62.6
87	35.3	23.2	34.8#
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 254.983 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 689124

Ion Ratio Lower Upper

43 100

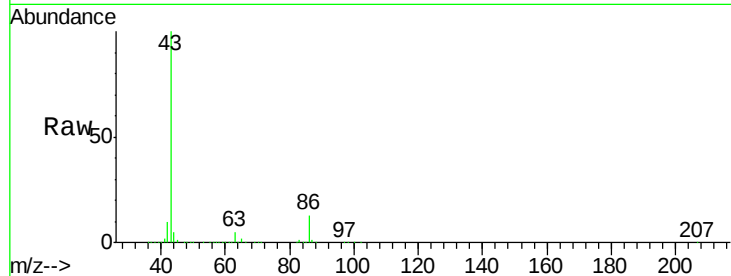
86 13.5 9.1 13.7

Manual Integrations

APPROVED

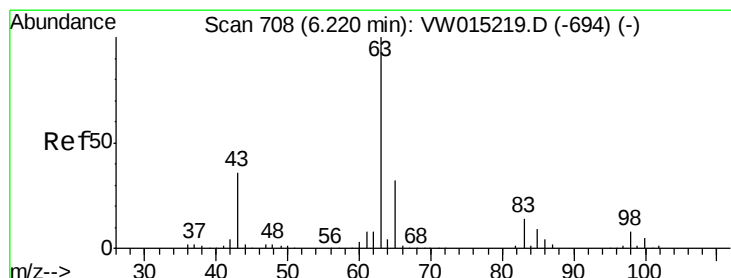
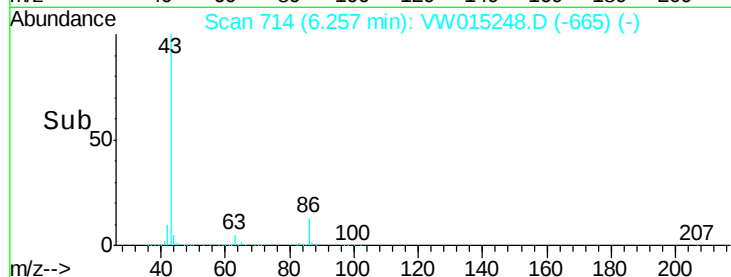
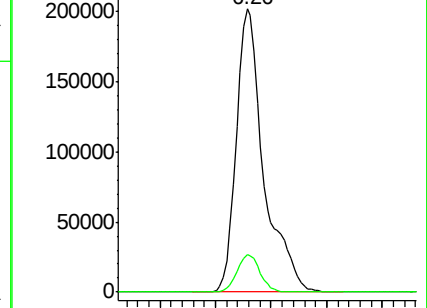
MMDadoda

4/21/2020 10:00:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.547 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

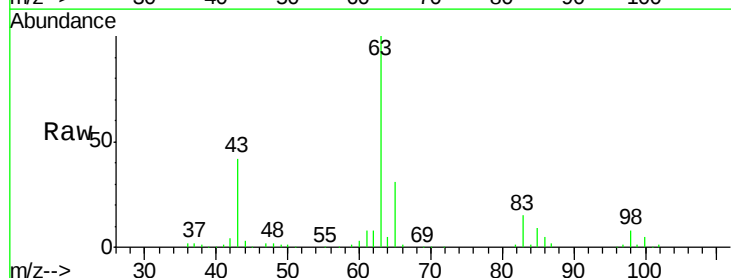
Tgt Ion: 63 Resp: 161338

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

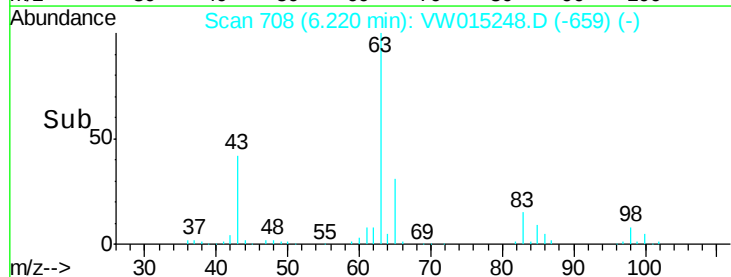
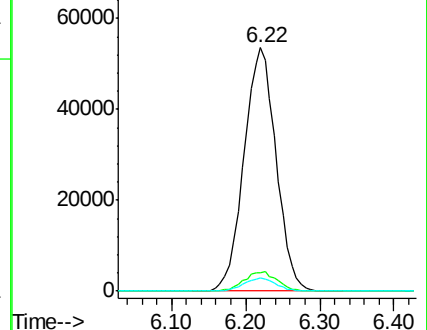
100 5.5 2.4 7.2

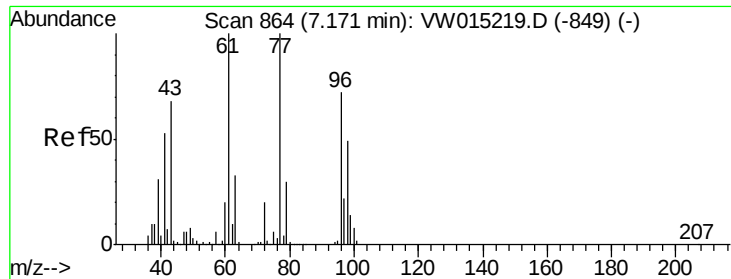


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





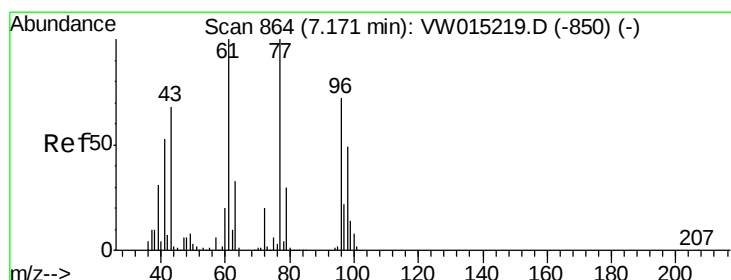
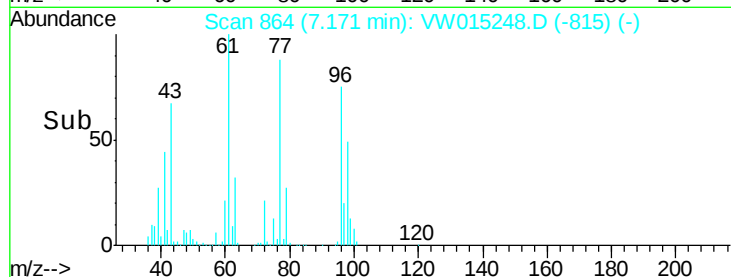
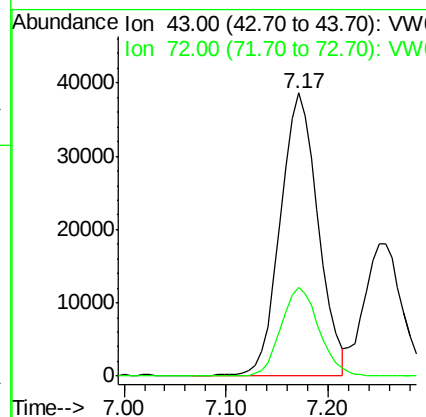
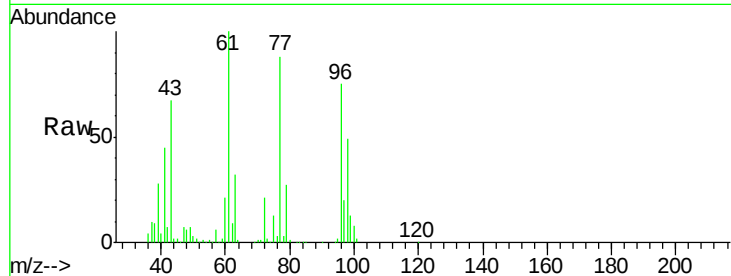
#25
2-Butanone
Concen: 245.923 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 98872
Ion Ratio Lower Upper
43 100
72 31.6 21.6 32.4

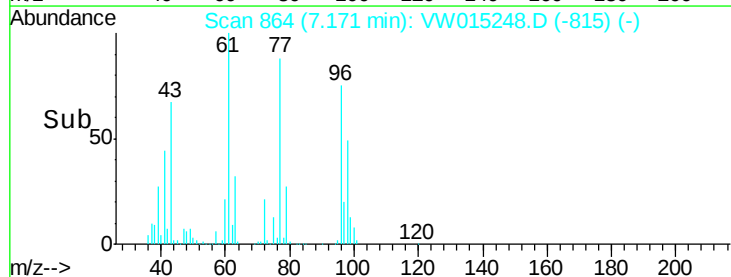
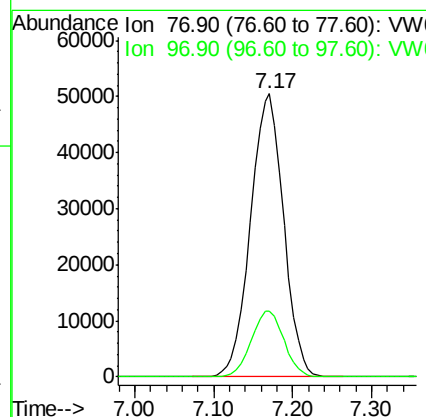
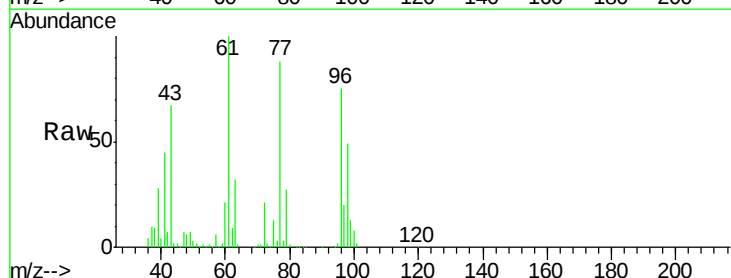
Manual Integrations
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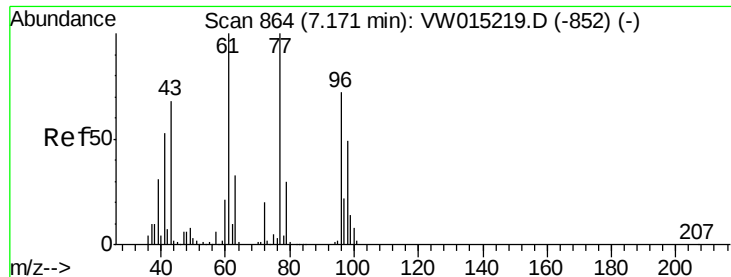
MMDadoda
4/21/2020 10:00:45 AM



#26
2,2-Dichloropropane
Concen: 43.787 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion: 77 Resp: 147035
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.5





#27

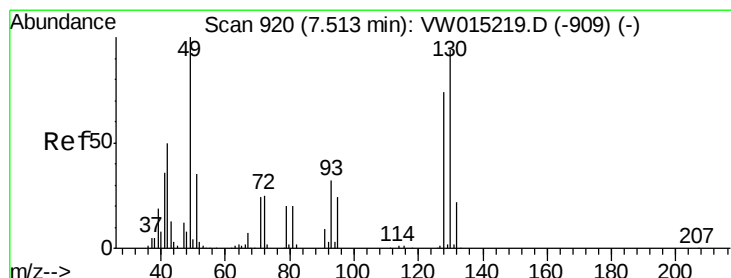
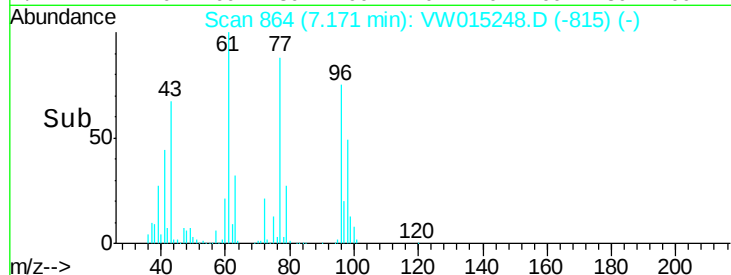
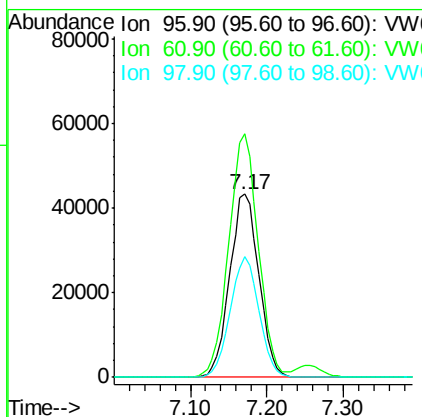
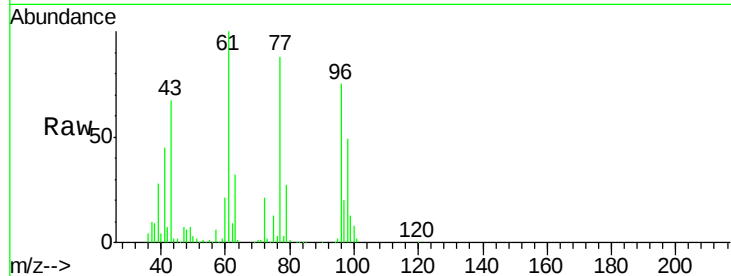
cis-1,2-Dichloroethene
Concen: 51.679 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	133.8	0.0	275.0	
98	64.8	0.0	130.8	

Manual Integrations
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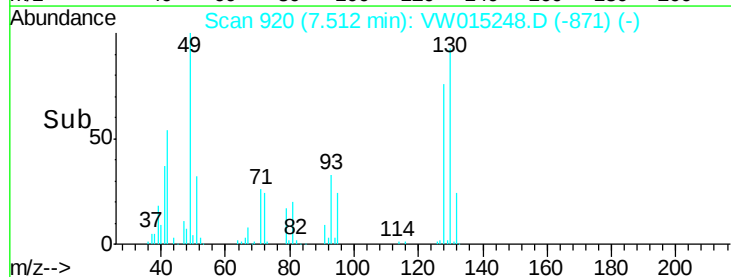
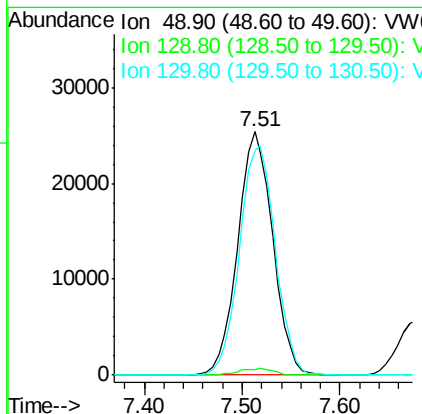
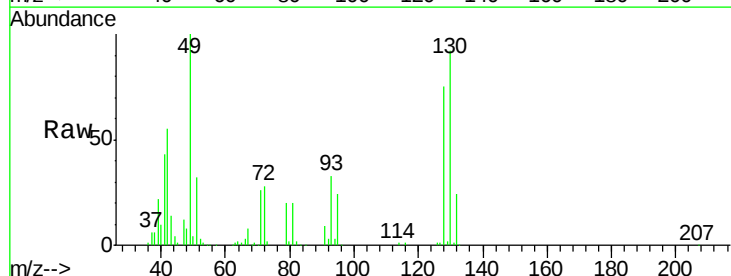
MMDadoda
4/21/2020 10:00:45 AM

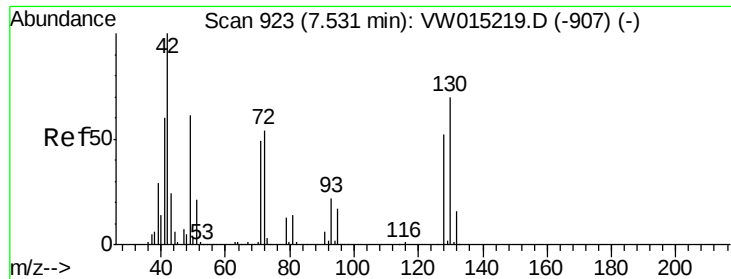


#28

Bromochloromethane
Concen: 54.299 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.6	
130	96.5	60.9	91.3	





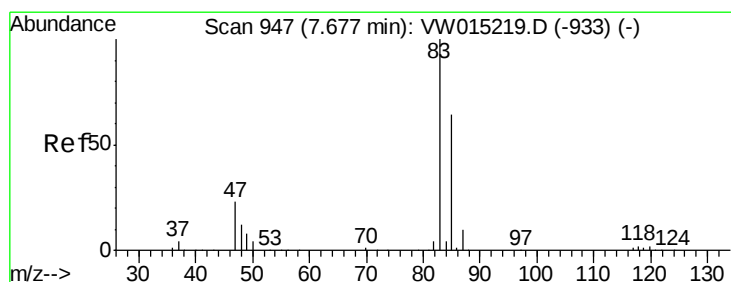
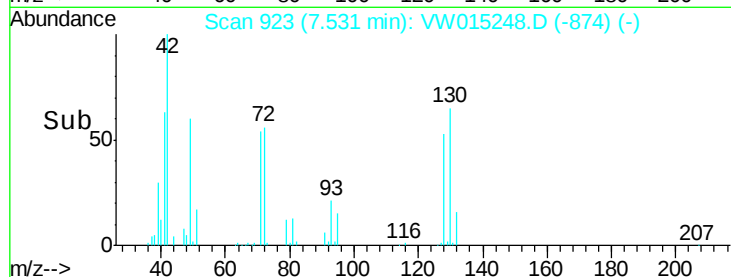
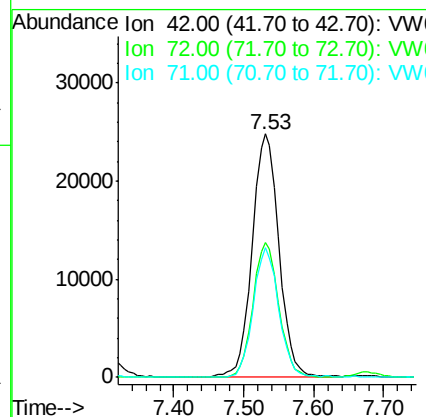
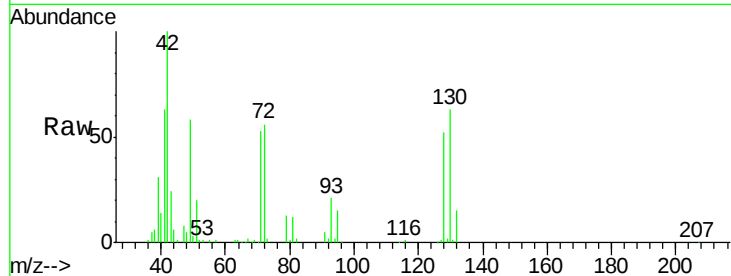
#29
Tetrahydrofuran
Concen: 264.815 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.1	36.2	54.2
71	50.3	34.2	51.4

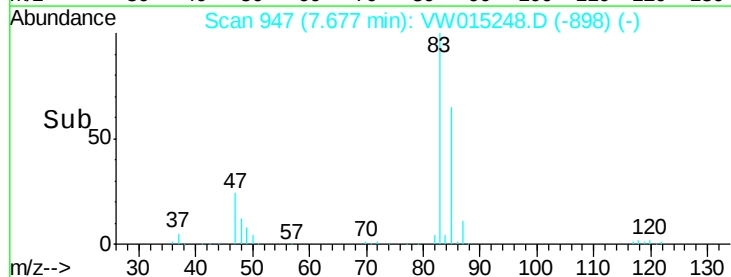
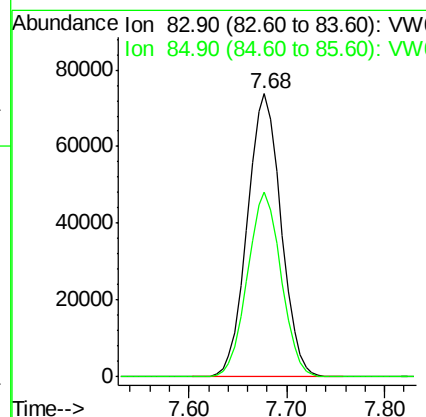
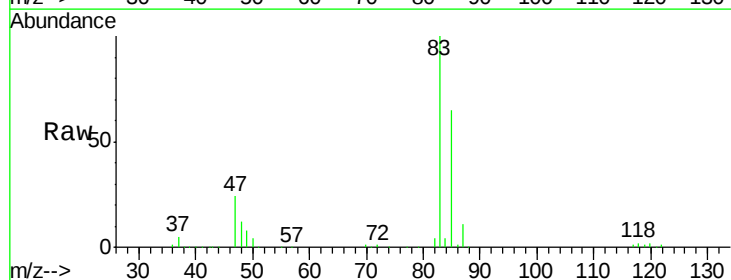
Manual Integrations
APPROVED

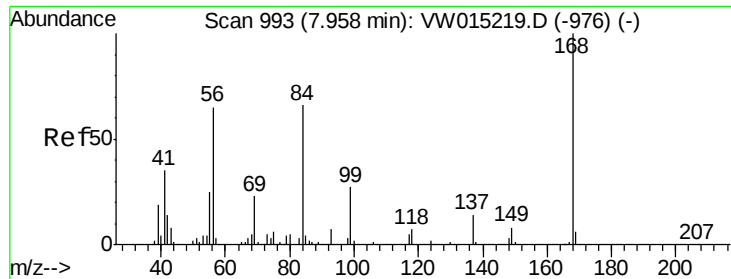
MMDadoda
4/21/2020 10:00:45 AM



#30
Chloroform
Concen: 51.207 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.9	76.3





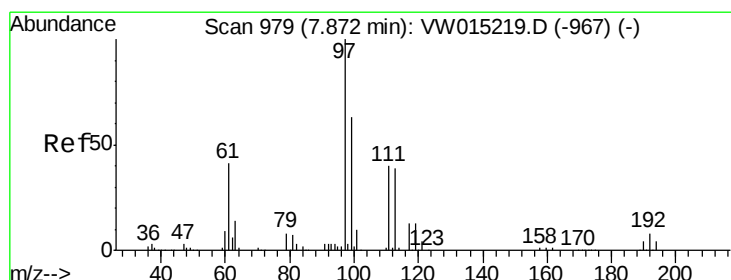
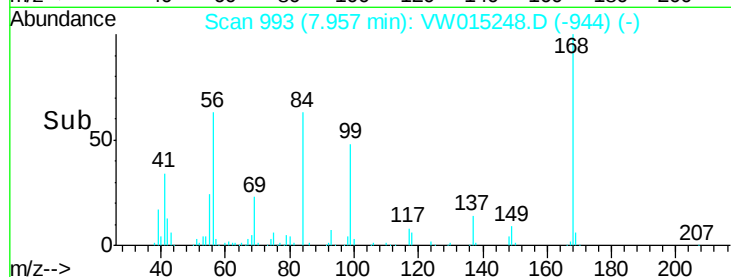
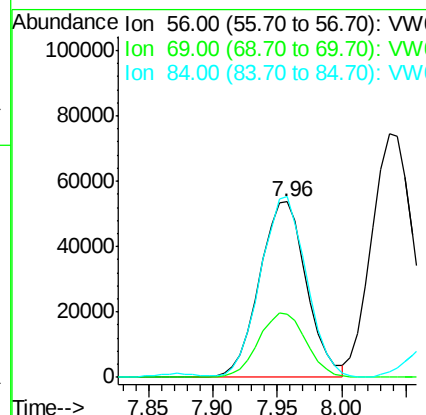
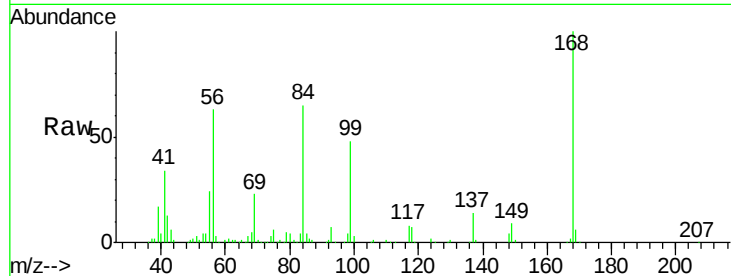
#31
Cyclohexane
Concen: 42.523 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	27.1	40.7
84	101.4	71.9	107.9

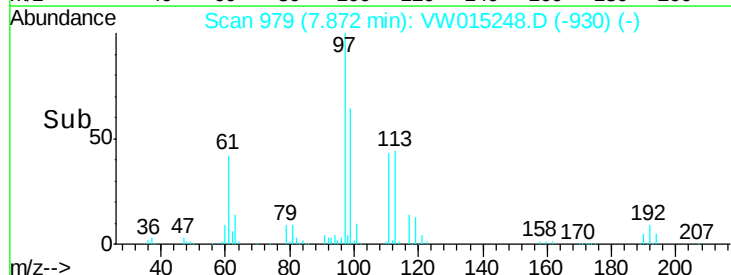
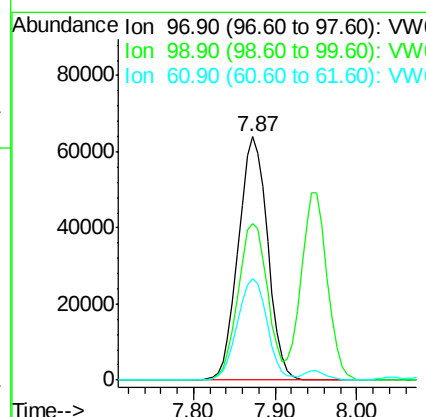
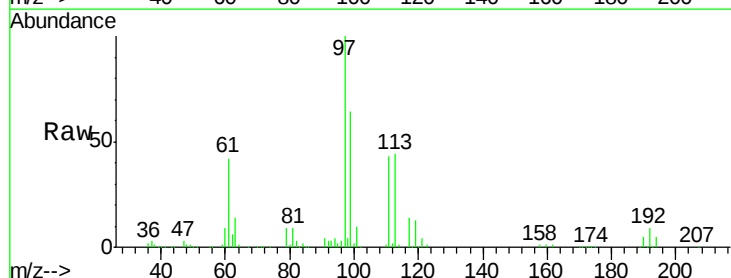
Manual Integrations
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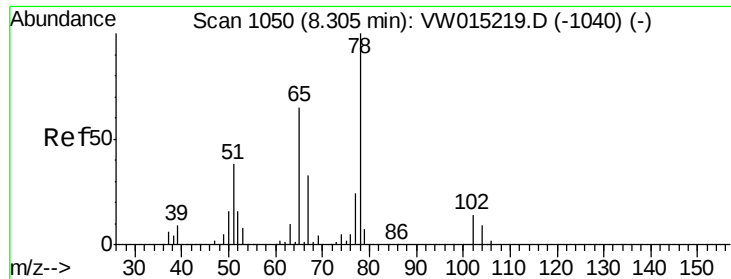
MMDadoda
4/21/2020 10:00:45 AM



#32
1,1,1-Trichloroethane
Concen: 47.736 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.2
61	42.4	34.2	51.2





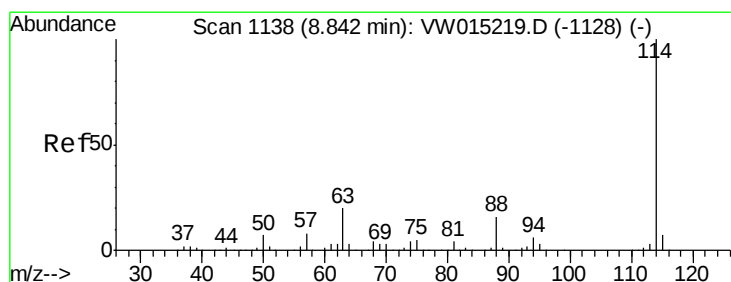
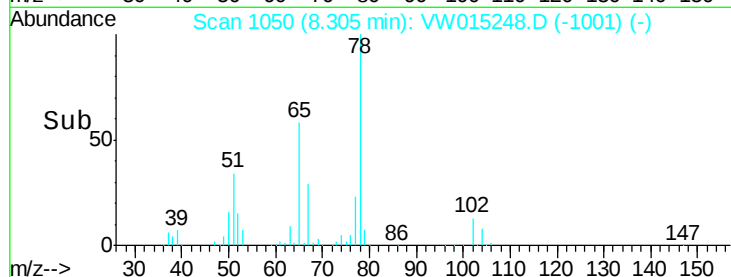
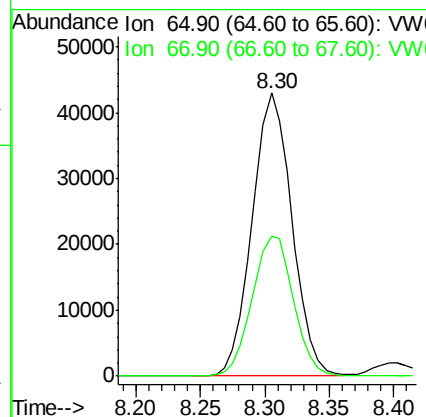
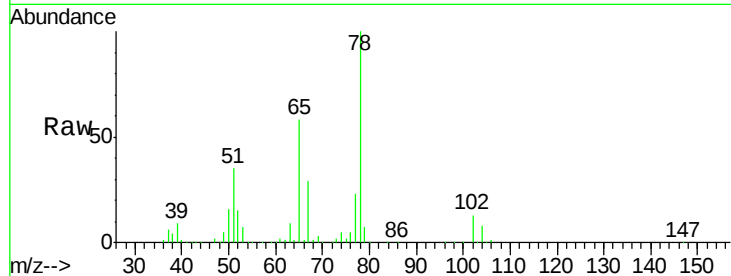
#33
 1,2-Dichloroethane-d4
 Concen: 53.009 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	107.0

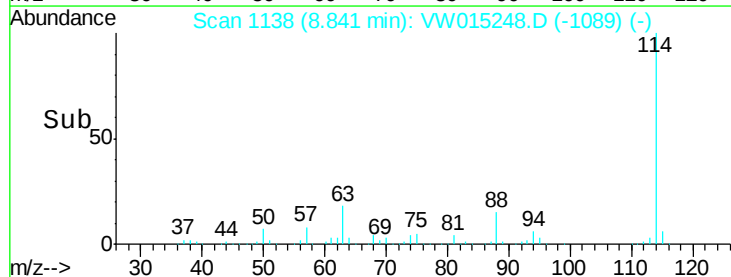
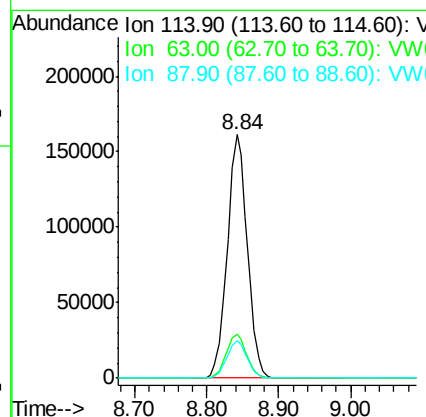
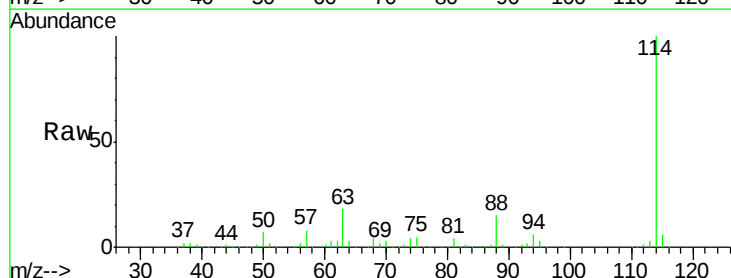
Manual Integrations
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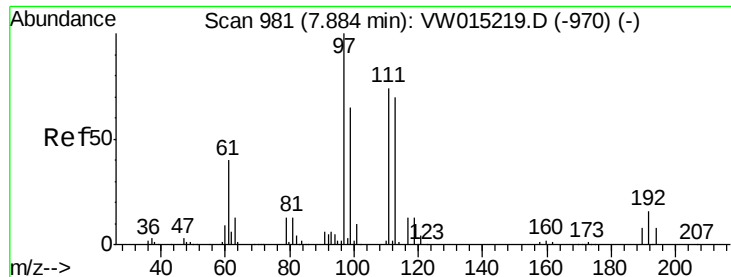
MMDadoda
 4/21/2020 10:00:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.8
88	15.4	0.0	30.2





#35

Dibromofluoromethane

Concen: 54.381 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 93858

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.4

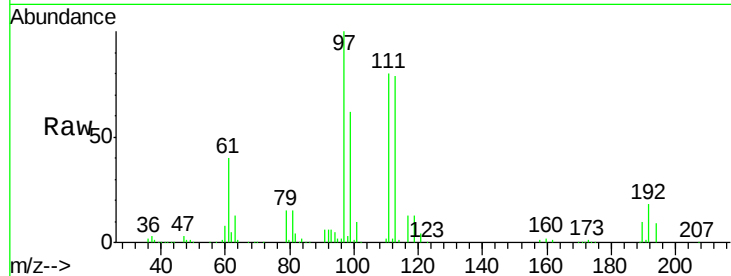
192 23.0 15.1 22.7#

Manual Integrations

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MMDadoda

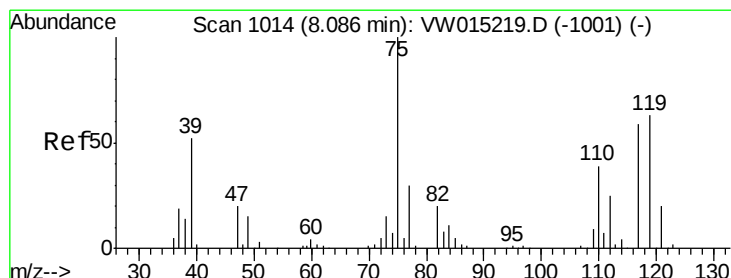
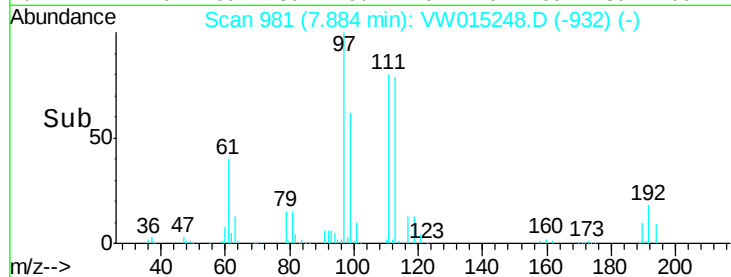
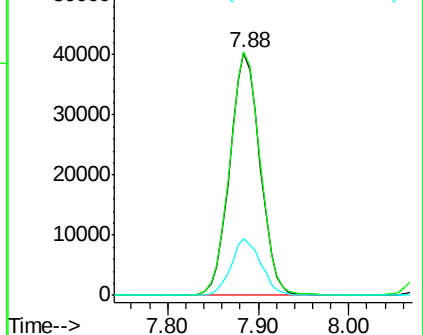
4/21/2020 10:00:45 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.382 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

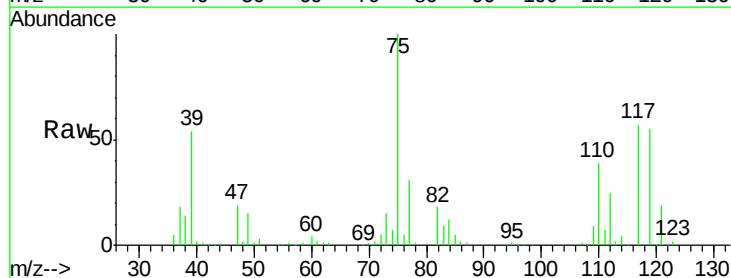
Tgt Ion: 75 Resp: 130438

Ion Ratio Lower Upper

75 100

110 38.4 18.2 54.6

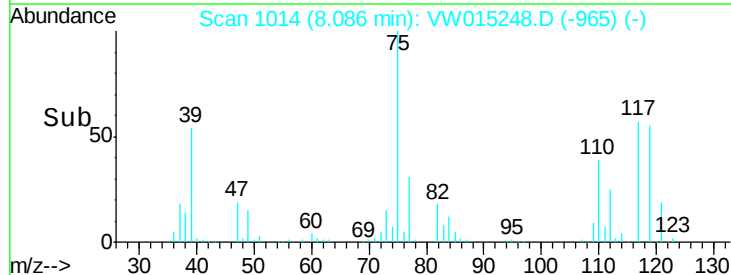
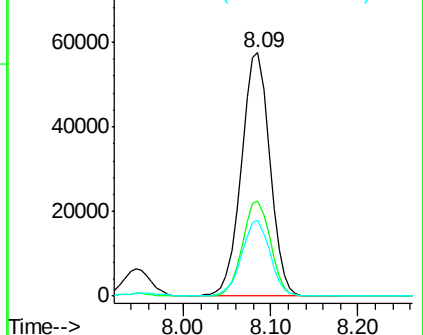
77 30.9 24.5 36.7

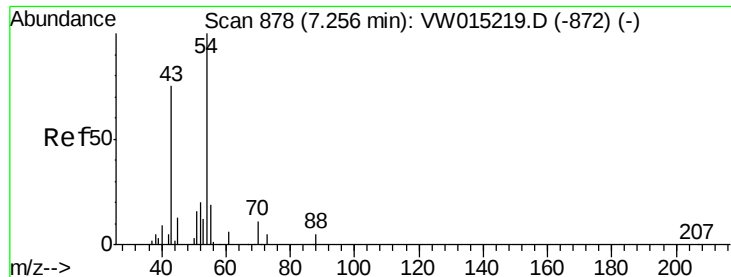


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





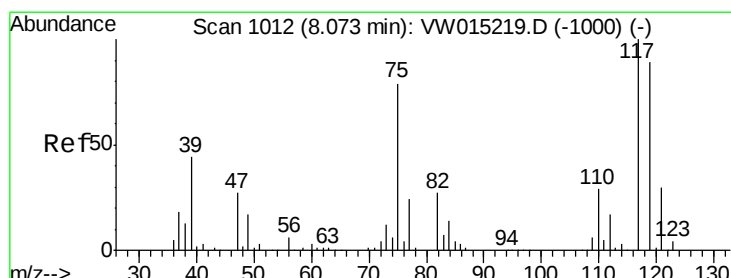
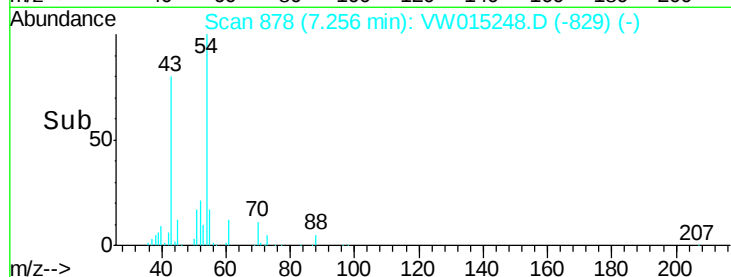
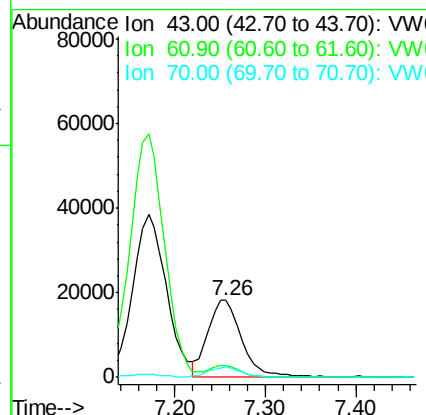
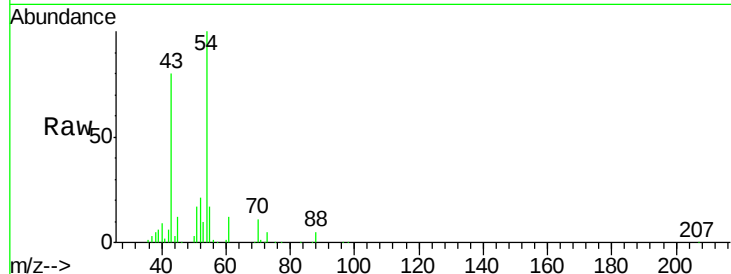
#37
Ethyl Acetate
Concen: 51.124 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.9	17.9
70	13.1	8.8	13.2

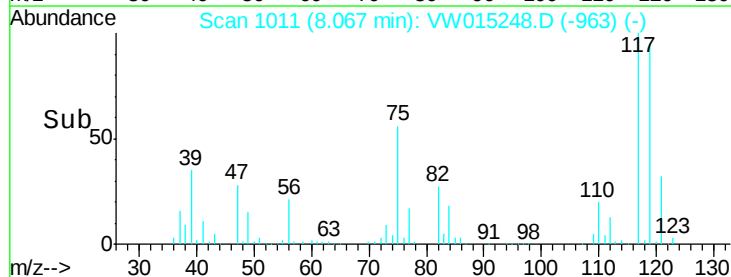
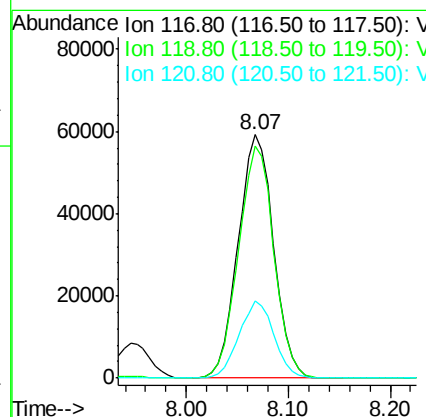
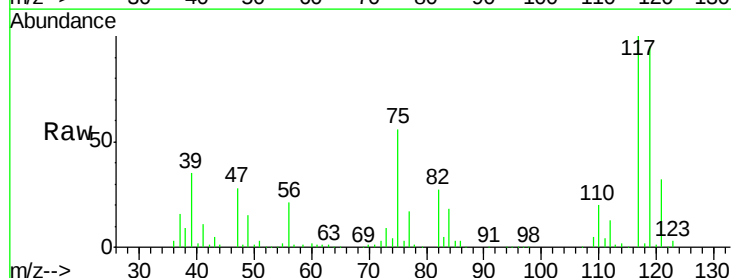
Manual Integrations
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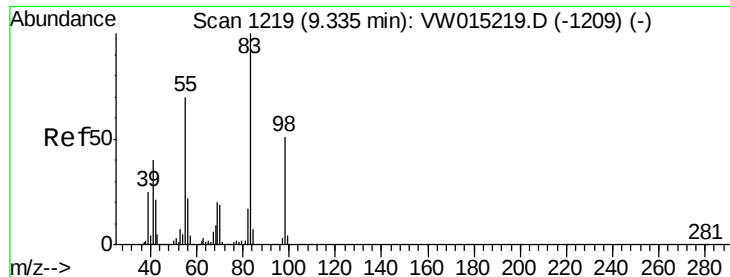
MMDadoda
4/21/2020 10:00:45 AM



#38
Carbon Tetrachloride
Concen: 46.262 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	72.3	108.5
121	31.6	23.7	35.5





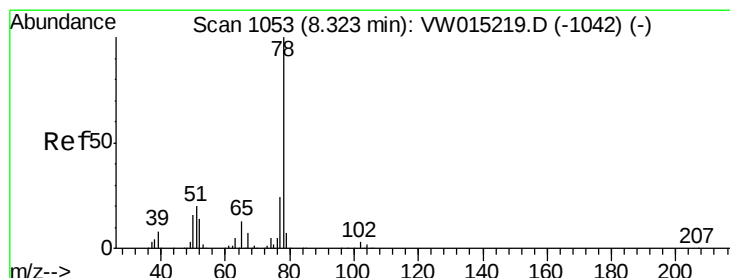
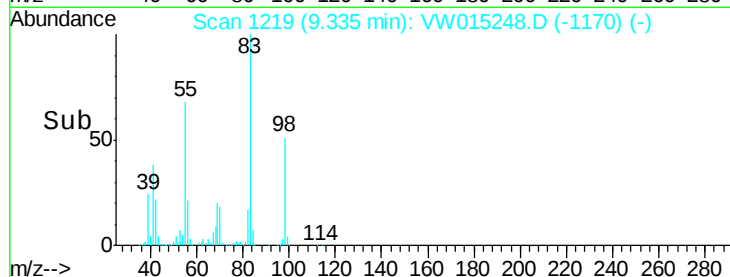
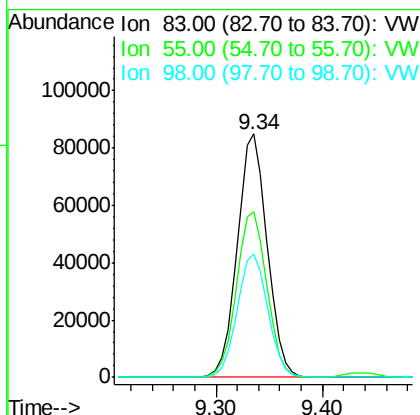
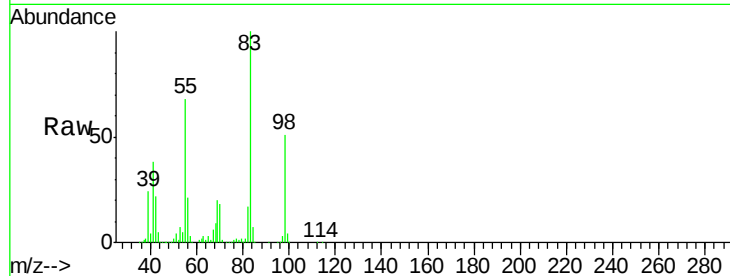
#39
Methvlcvclohexane
Concen: 44.762 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	58.1	87.1
98	50.9	40.2	60.4

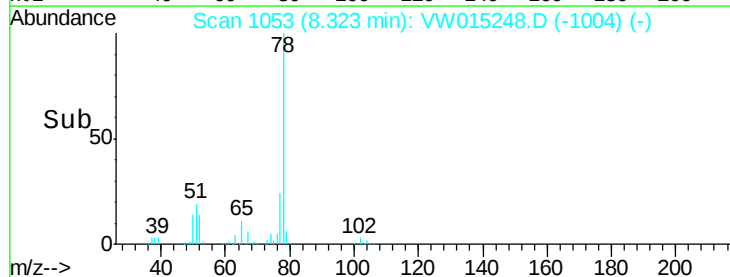
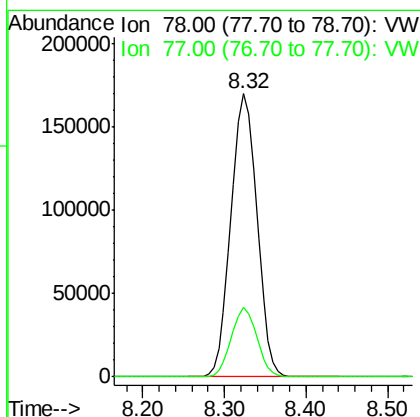
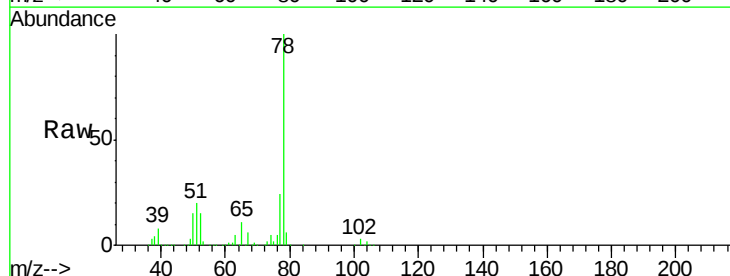
Manual Integrations
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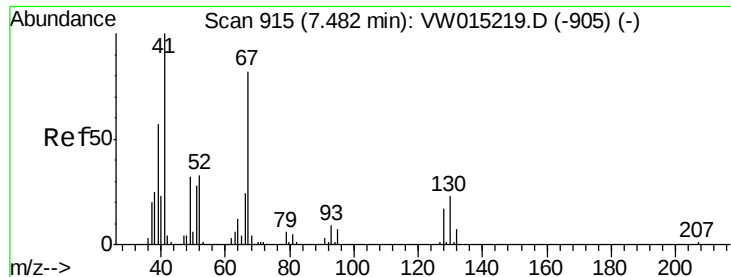
MMDadoda
4/21/2020 10:00:45 AM



#40
Benzene
Concen: 49.858 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.2	27.2





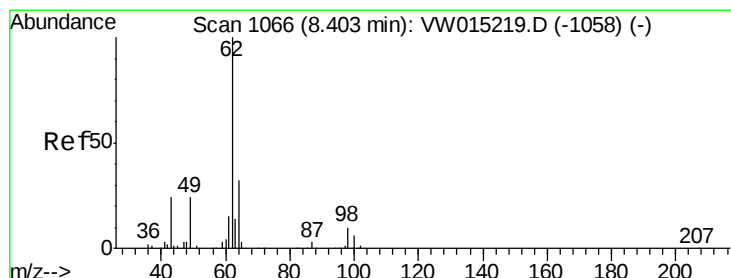
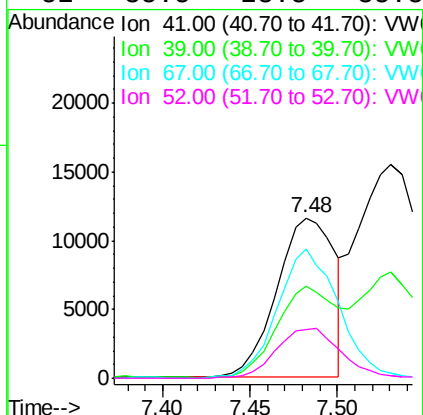
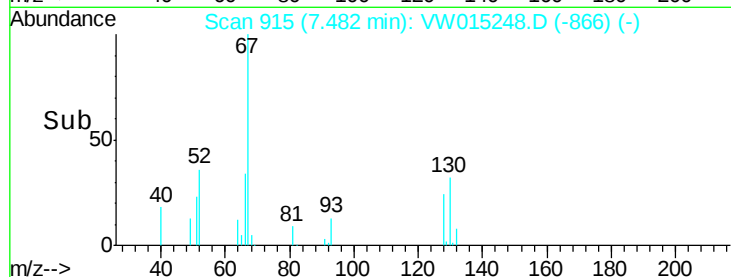
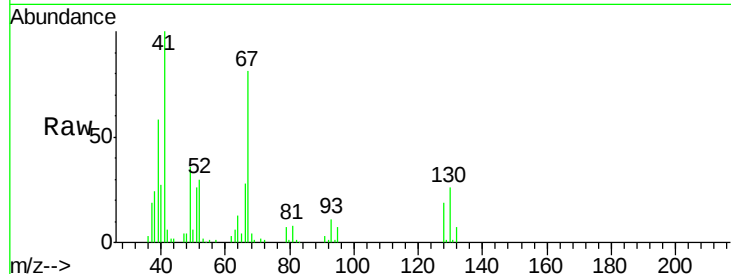
#41
Methacrylonitrile
Concen: 48.582 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.9	41.9	62.9#
67	86.9	60.6	91.0
52	35.5	23.8	35.8

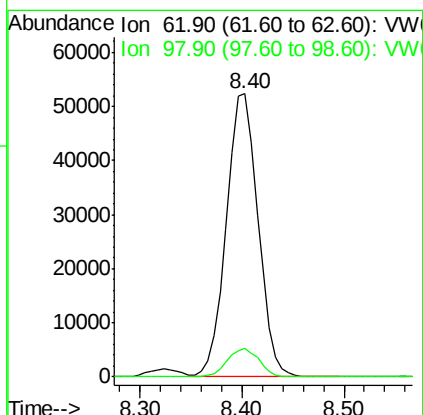
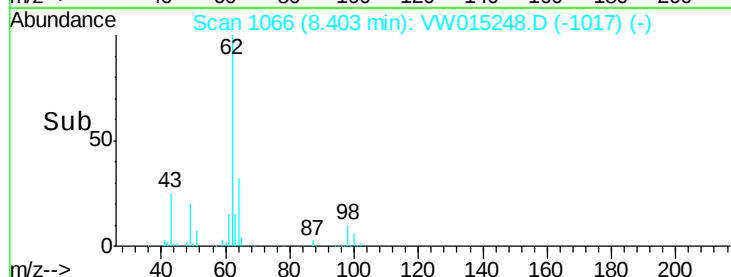
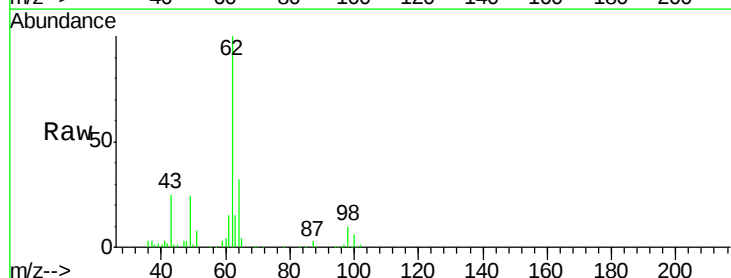
Manual Integrations
APPROVED

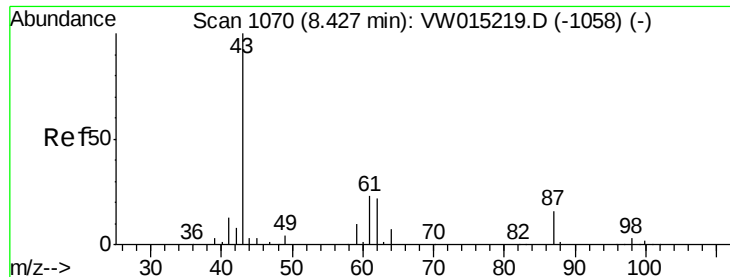
MMDadoda
4/21/2020 10:00:45 AM



#42
1,2-Dichloroethane
Concen: 51.037 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 50.705 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

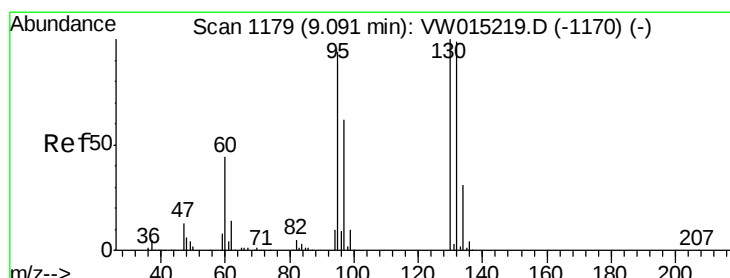
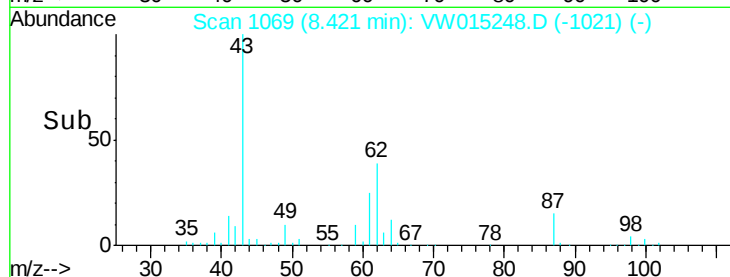
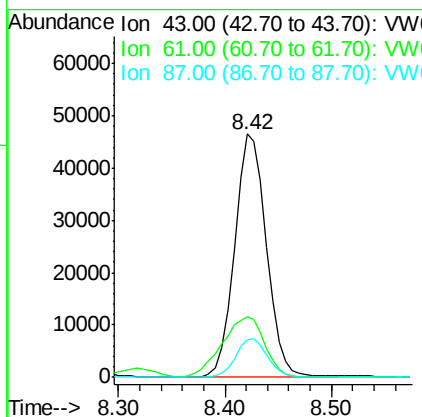
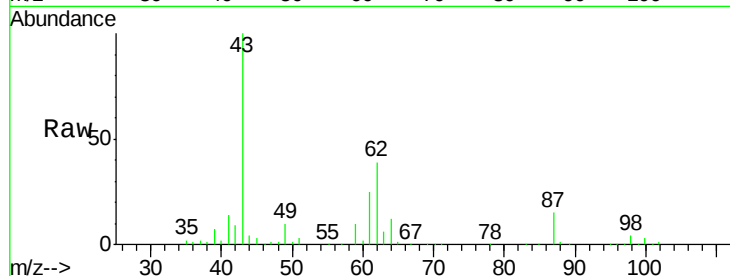
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	97063
Ion	Ratio	Lower	Upper
43	100		
61	33.5	24.8	37.2
87	15.8	11.4	17.2

Manual Integrations
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4/21/2020 10:00:45 AM



#44

Trichloroethene

Concen: 49.899 ug/l

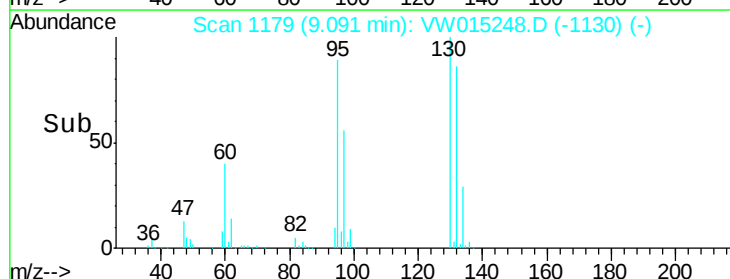
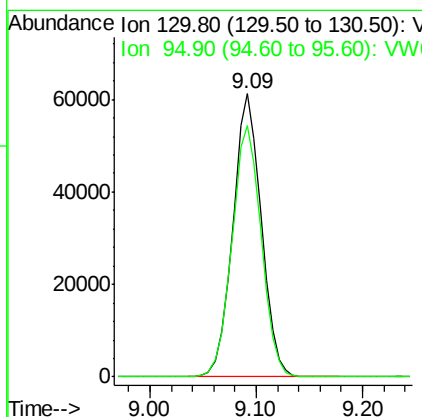
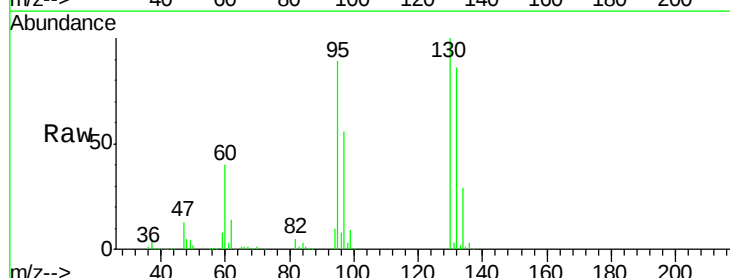
RT: 9.09 min Scan# 1179

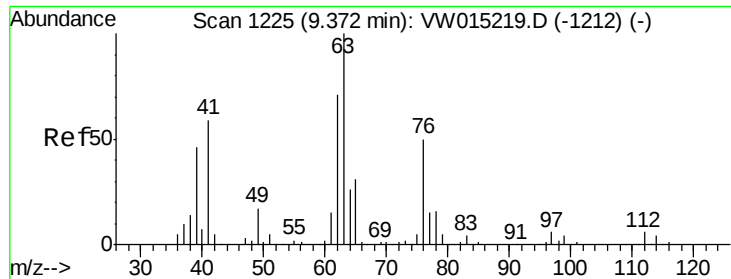
Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion:	130	Resp:	114661
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	196.4





#45

1,2-Dichloropropane

Concen: 49.749 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 86910

Ion Ratio Lower Upper

63 100

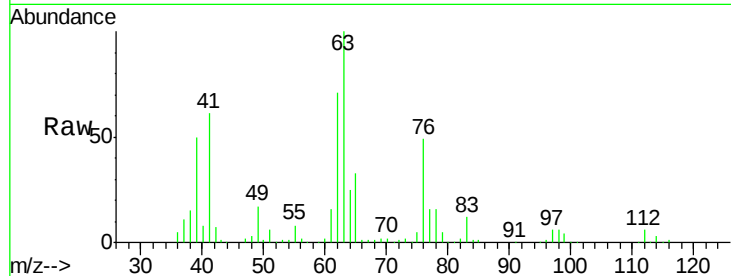
65 32.6 25.5 38.3

Manual Integrations

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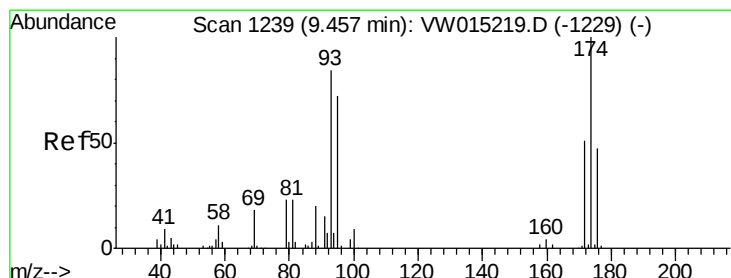
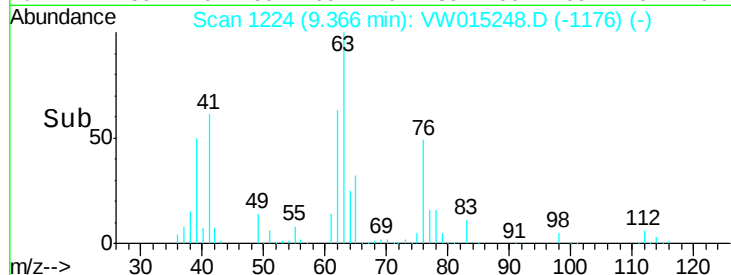
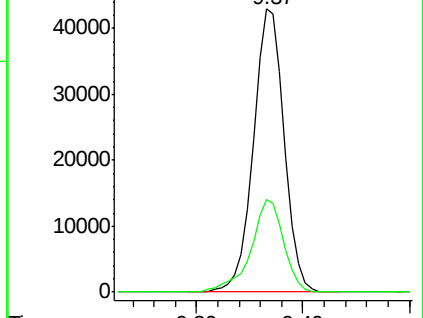
MMDadoda

4/21/2020 10:00:45 AM



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 52.035 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

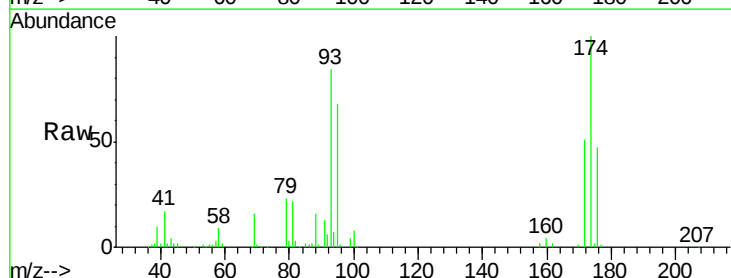
Tgt Ion: 93 Resp: 52585

Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

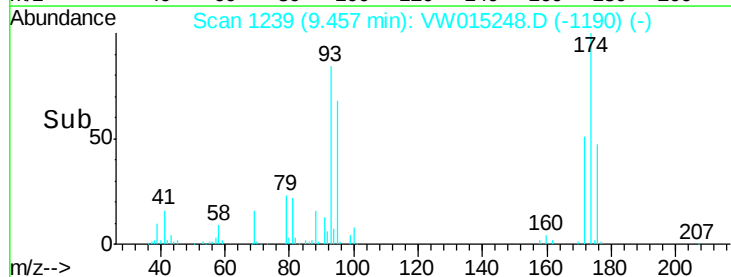
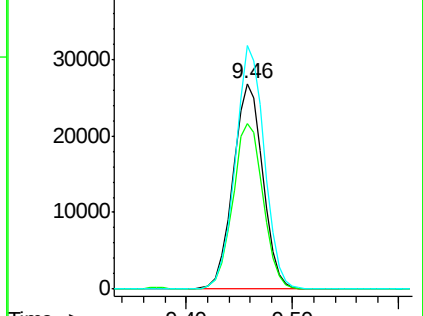
174 115.6 74.1 111.1#

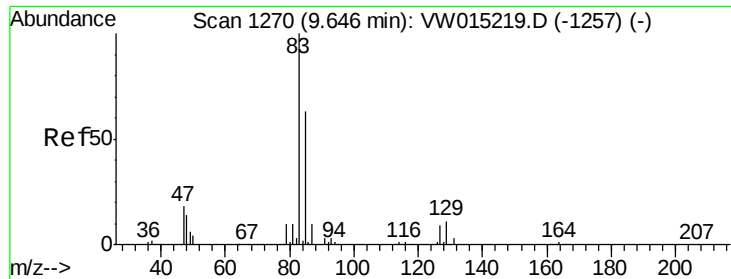


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





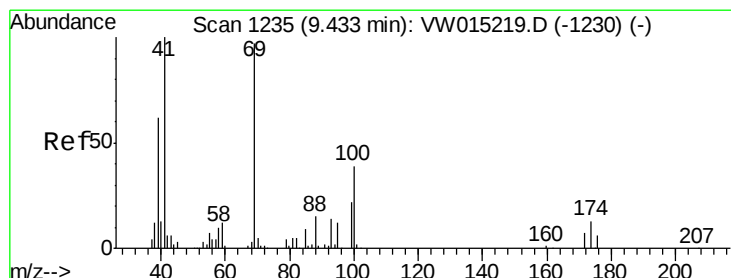
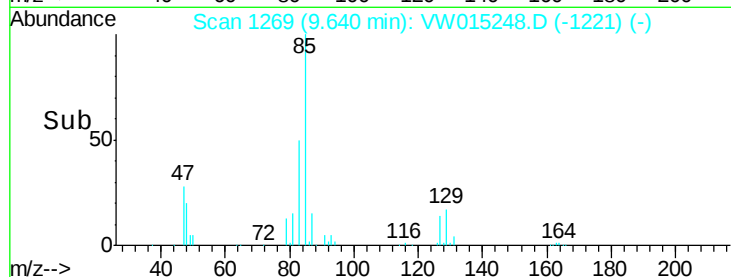
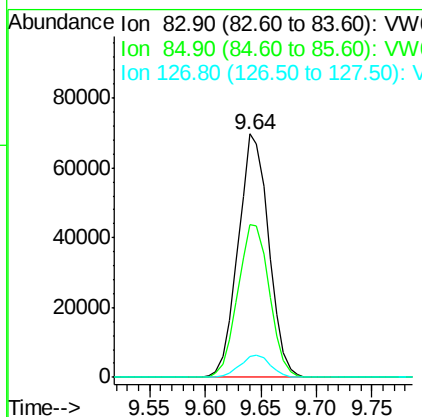
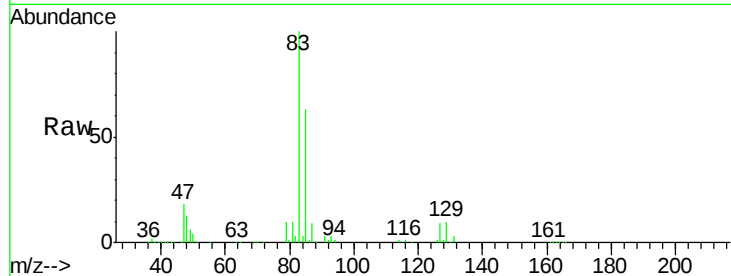
#47
 Bromodichloromethane
 Concen: 49.200 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	132914		
85	62.8		50.6	76.0
127	8.6		6.7	10.1

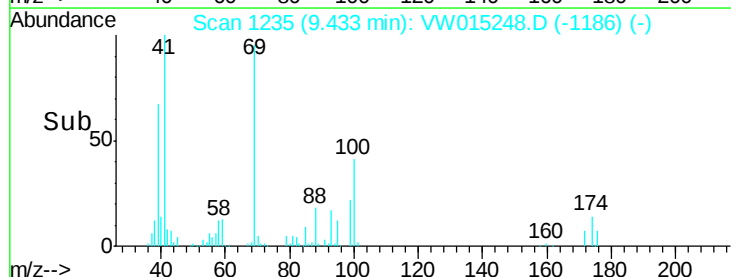
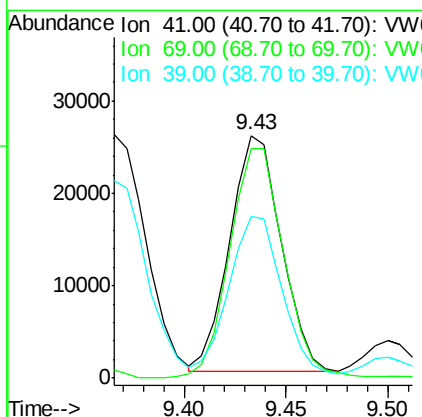
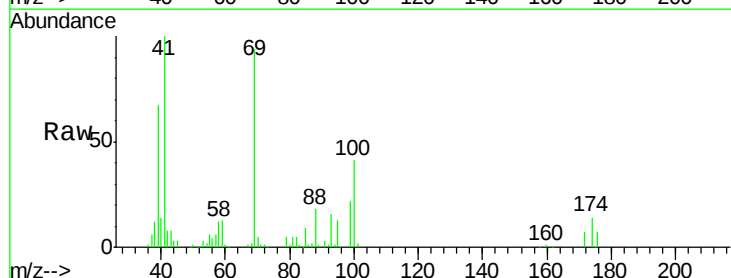
Manual Integrations
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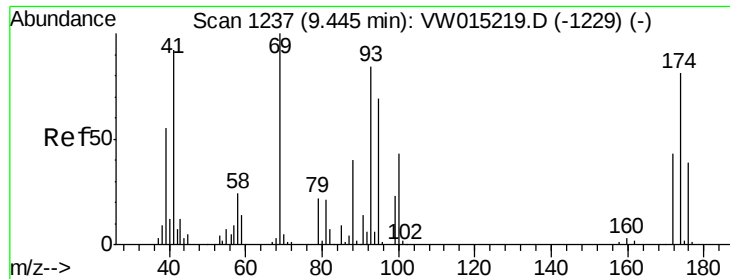
MMDadoda
 4/21/2020 10:00:45 AM



#48
 Methyl methacrylate
 Concen: 49.566 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	44853		
69	102.7		70.6	105.8
39	71.7		42.6	64.0#





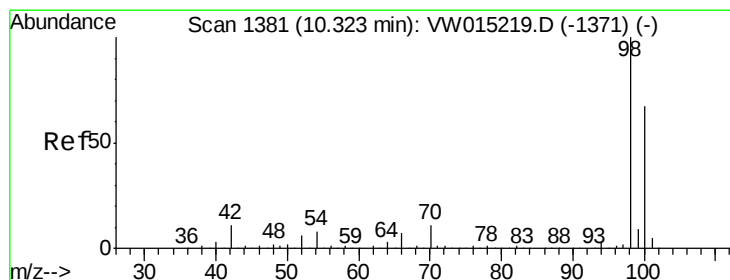
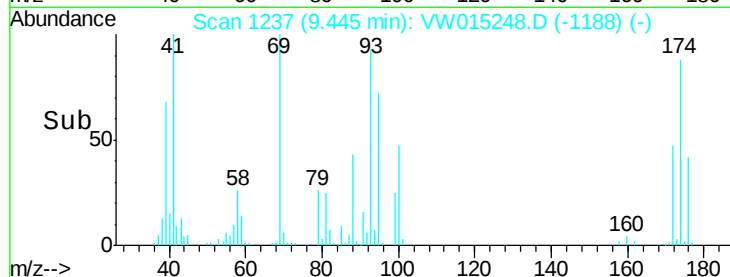
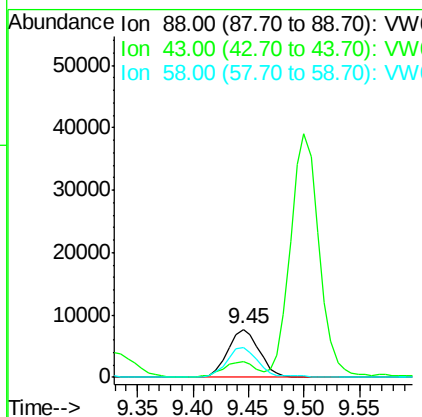
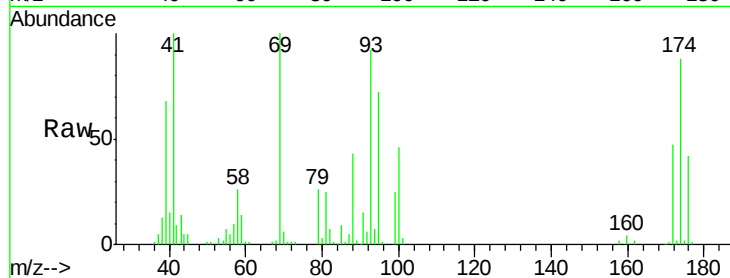
#49
1,4-Dioxane
Concen: 1125.446 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	15162
Ion	Ratio	Lower	Upper
88	100		
43	31.3	23.5	35.3
58	63.2	55.4	83.2

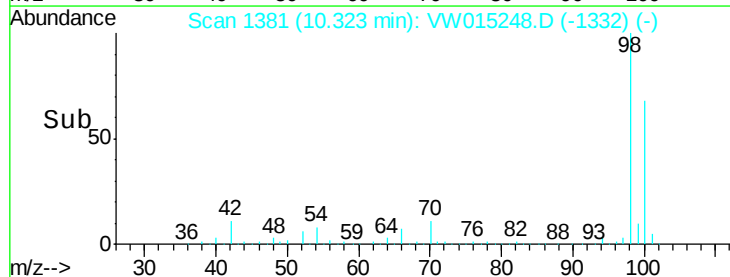
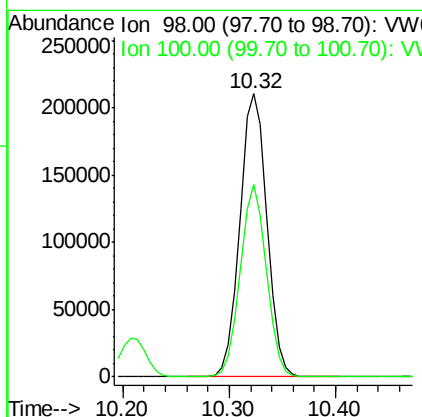
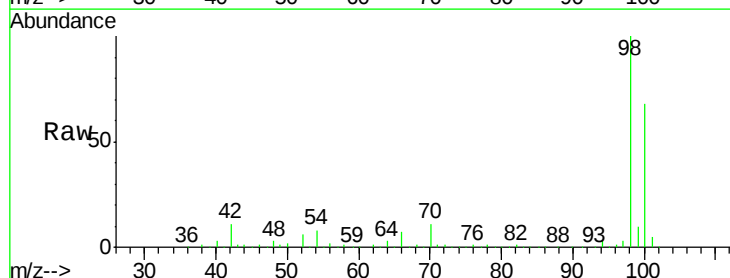
Manual Integrations
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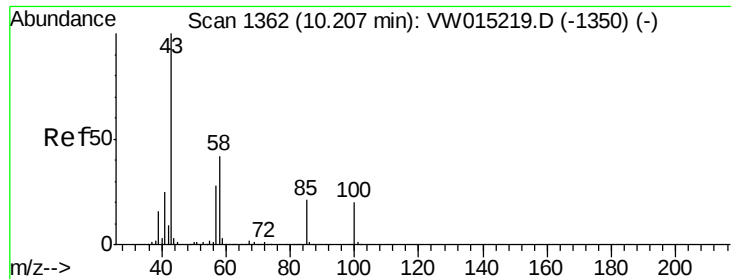
MMDadoda
4/21/2020 10:00:45 AM



#50
Toluene-d8
Concen: 51.697 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	98	Resp	375345
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 267.717 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 240569

Ion Ratio Lower Upper

43 100

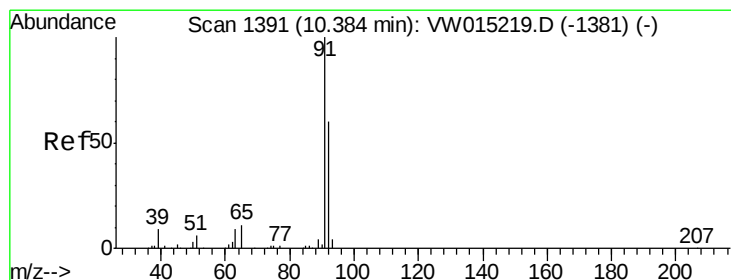
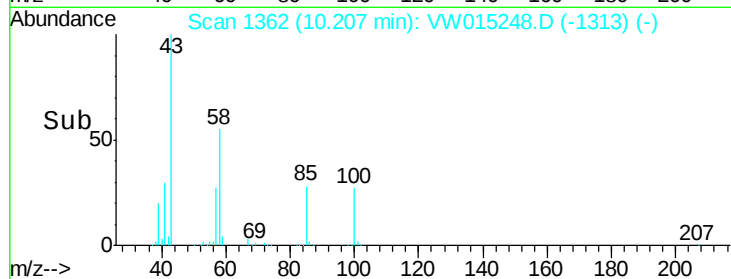
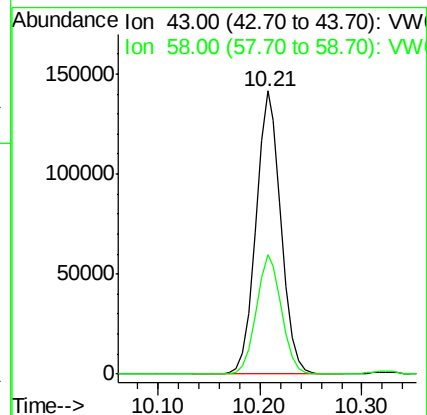
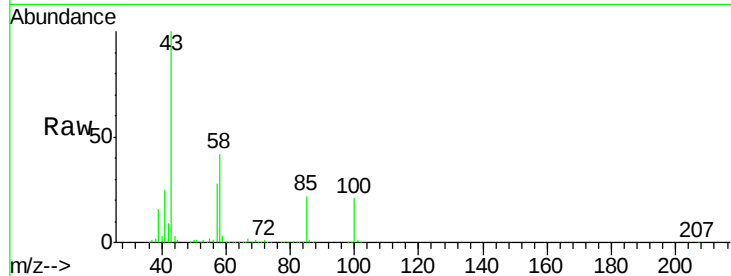
58 42.5 32.3 48.5

Manual Integrations

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MMDadoda

4/21/2020 10:00:45 AM



#52

Toluene

Concen: 50.615 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015248.D

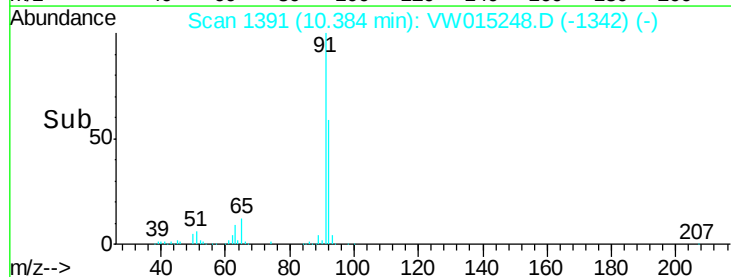
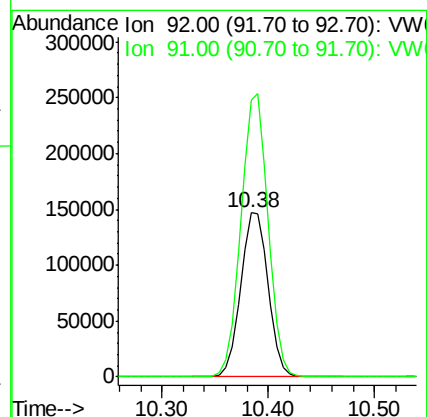
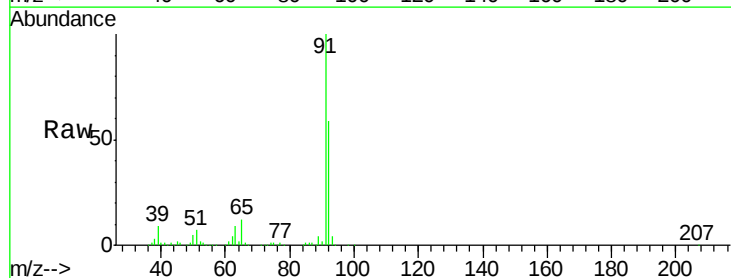
Acq: 21 Apr 2020 01:59

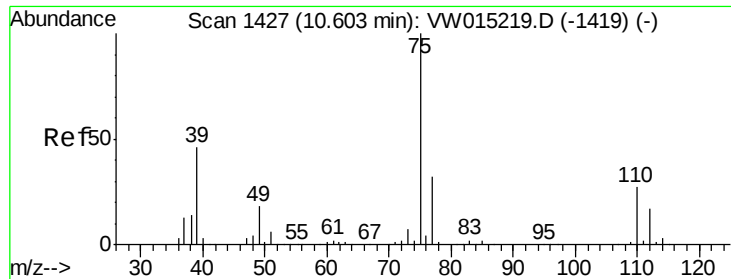
Tgt Ion: 92 Resp: 266110

Ion Ratio Lower Upper

92 100

91 170.4 137.1 205.7





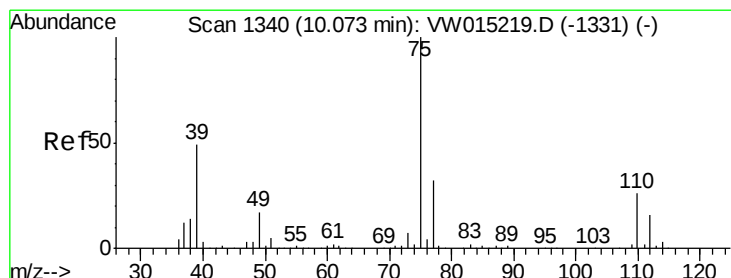
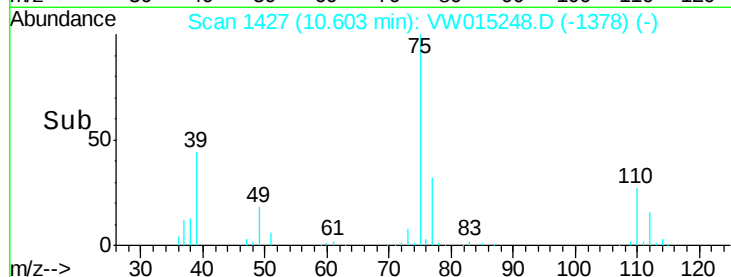
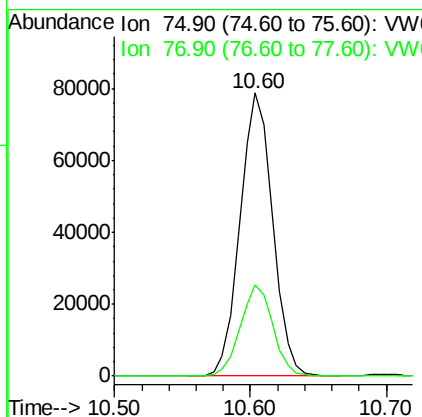
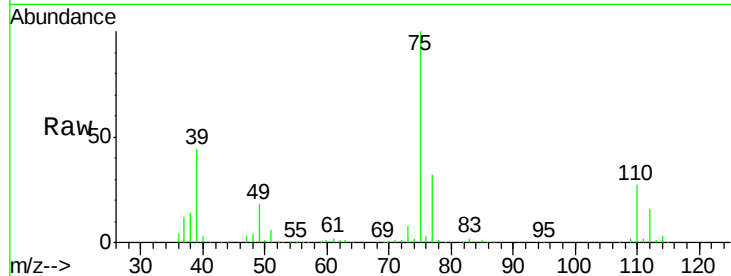
#53
 t-1,3-Dichloropropene
 Concen: 49.495 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3

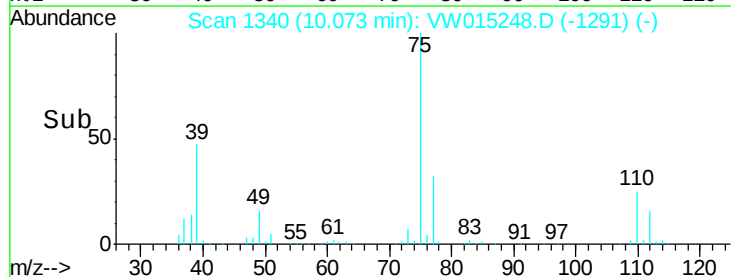
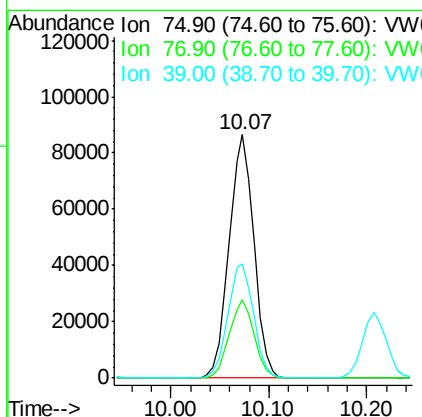
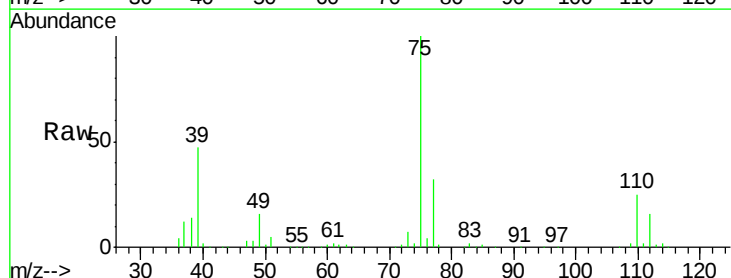
Manual Integrations
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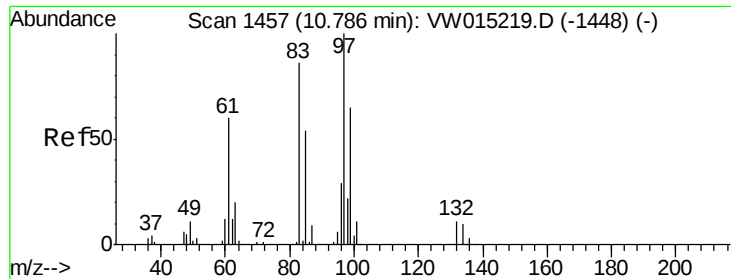
MMDadoda
 4/21/2020 10:00:45 AM



#54
 cis-1,3-Dichloropropene
 Concen: 49.069 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.6	39.8
39	47.1	37.8	56.6





#55

1,1,2-Trichloroethane

Concen: 51.661 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

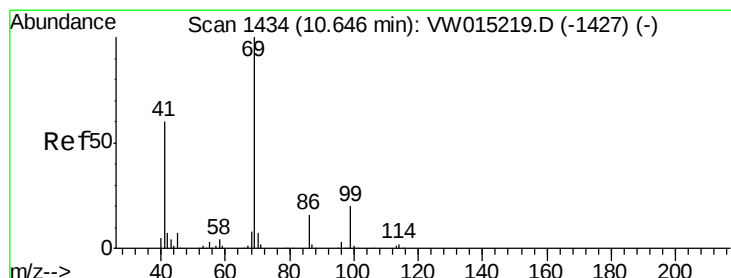
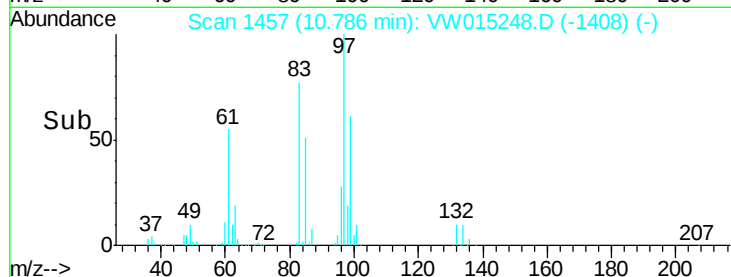
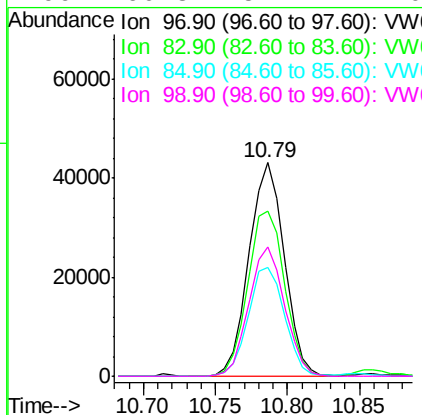
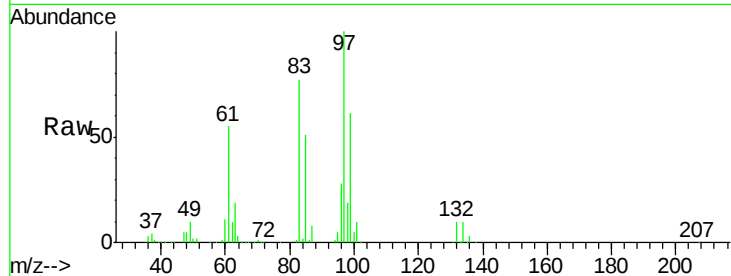
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	73103
Ion	Ratio	Lower	Upper
97	100		
83	77.2	67.3	100.9
85	50.8	43.8	65.8
99	60.8	51.4	77.0

Manual Integrations
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MMDadoda
4/21/2020 10:00:45 AM



#56

Ethyl methacrylate

Concen: 52.479 ug/l

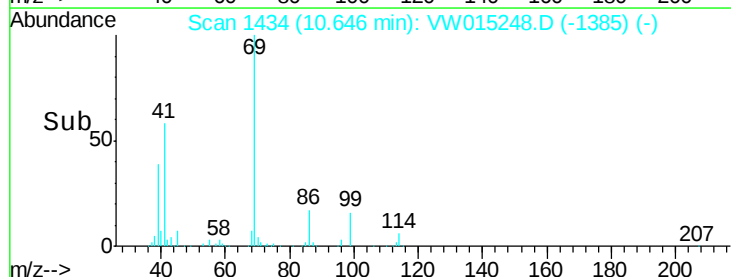
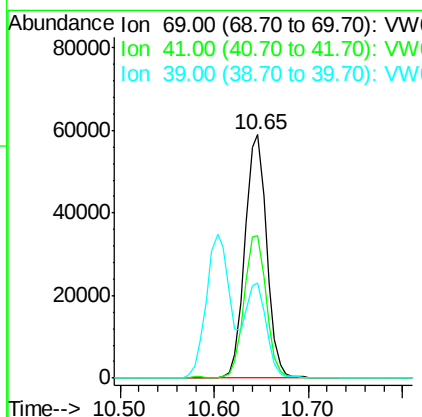
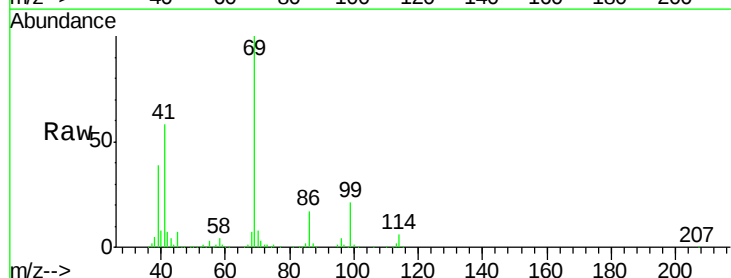
RT: 10.65 min Scan# 1434

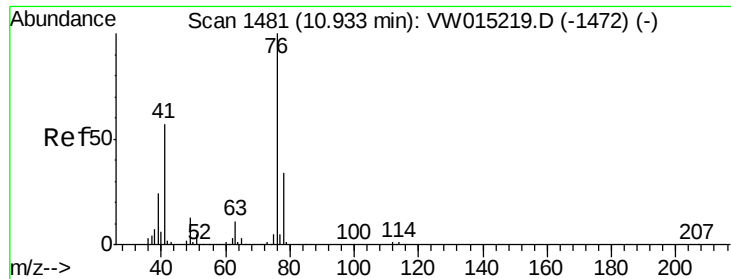
Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion:	69	Resp:	95666
Ion	Ratio	Lower	Upper
69	100		
41	59.0	51.3	76.9
39	35.1	24.6	37.0





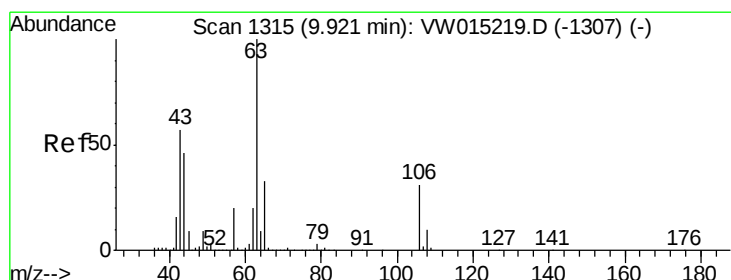
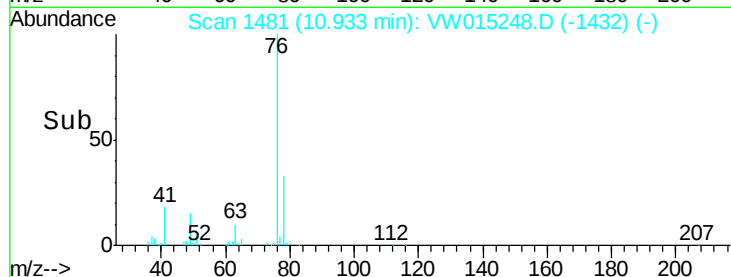
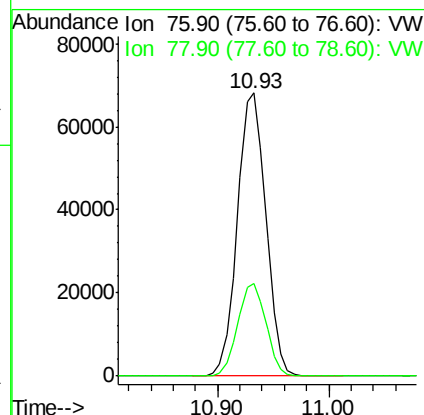
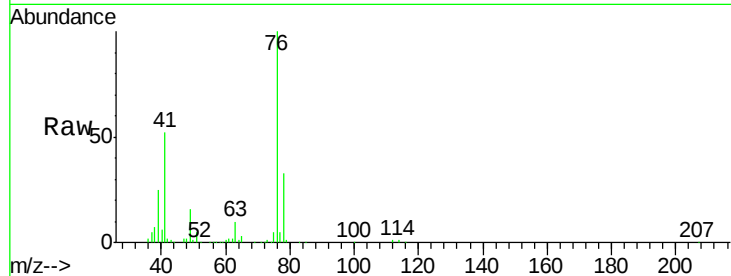
#57
 1,3-Dichloropropane
 Concen: 51.506 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

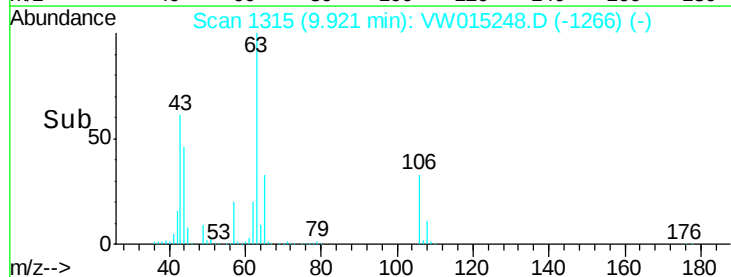
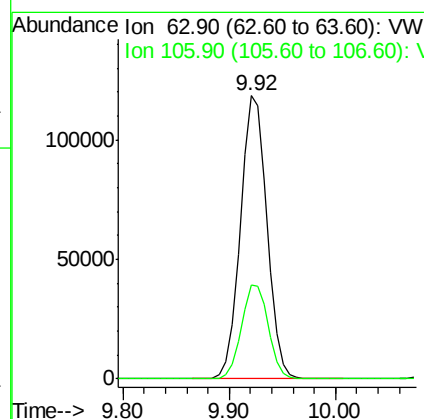
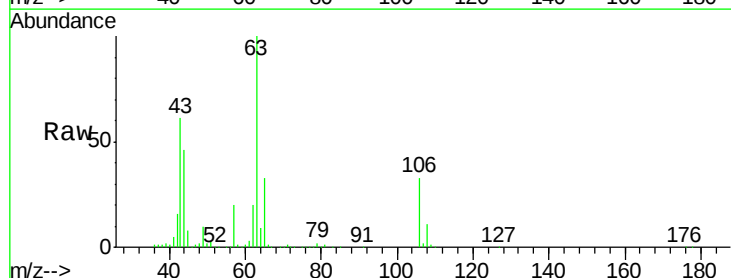
Manual Integrations
 APPROVED

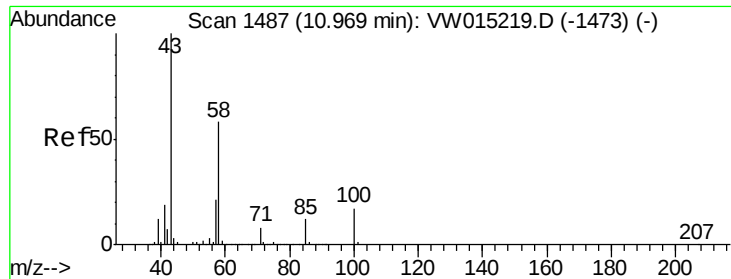
MMDadoda
 4/21/2020 10:00:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.371 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.8	22.6	33.8





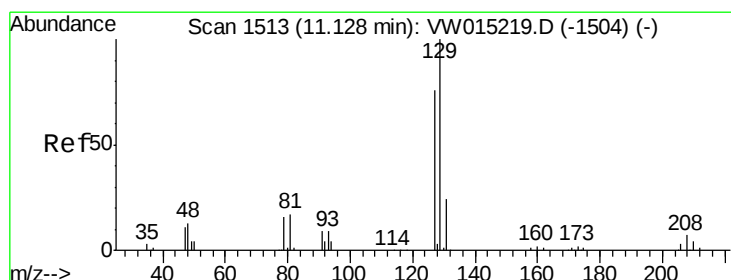
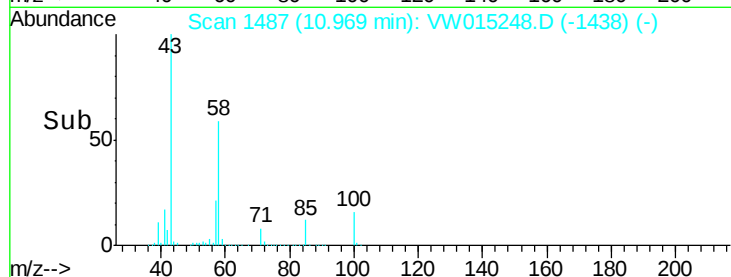
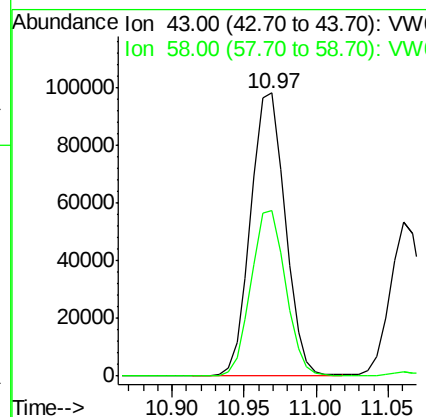
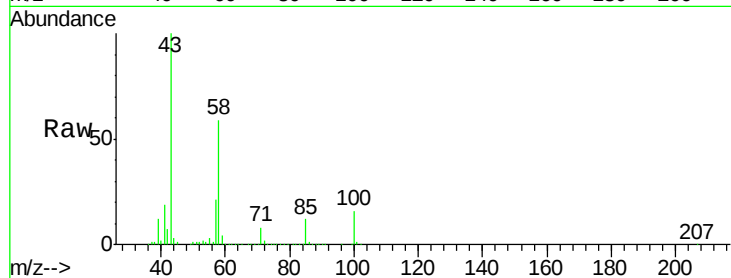
#59
2-Hexanone
Concen: 254.087 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	162984
Ion Ratio	43	100	
Lower	58	58.8	28.1
Upper			84.3

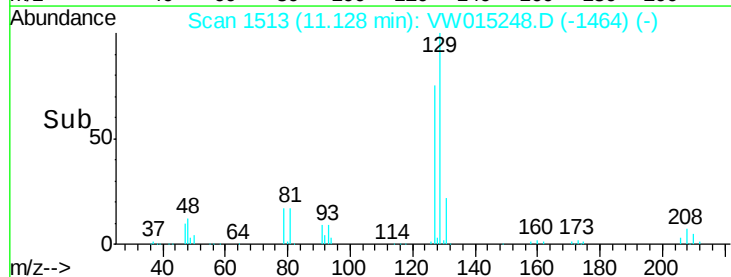
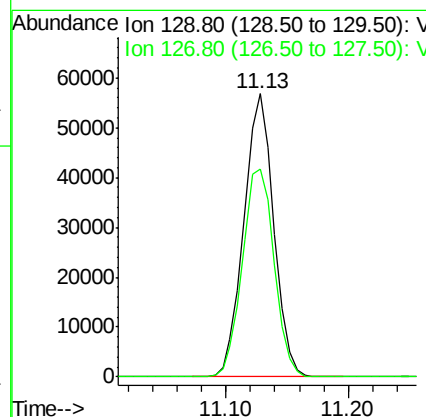
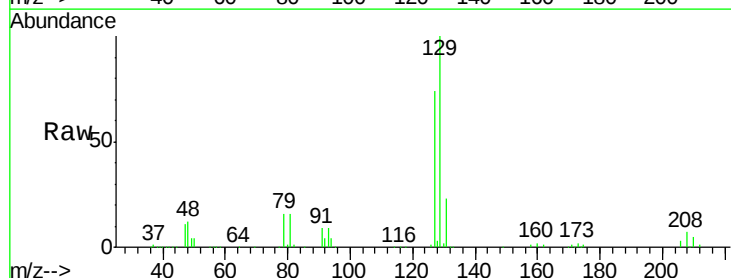
Manual Integrations
APPROVED

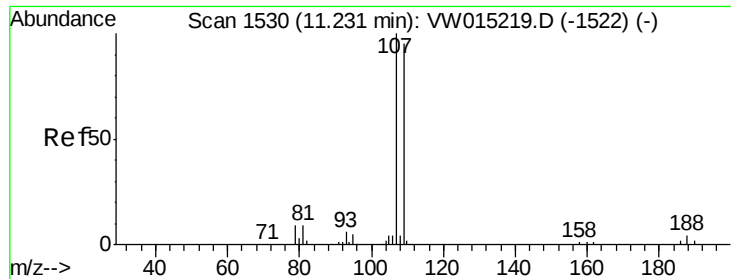
MMDadoda
4/21/2020 10:00:45 AM



#60
Dibromochloromethane
Concen: 51.421 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	129	Resp	96073
Ion Ratio	129	100	
Lower	127	78.3	38.3
Upper			114.8





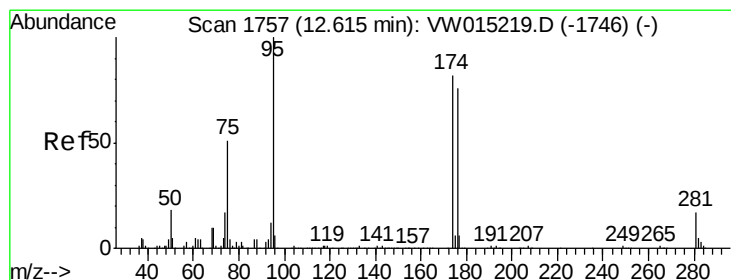
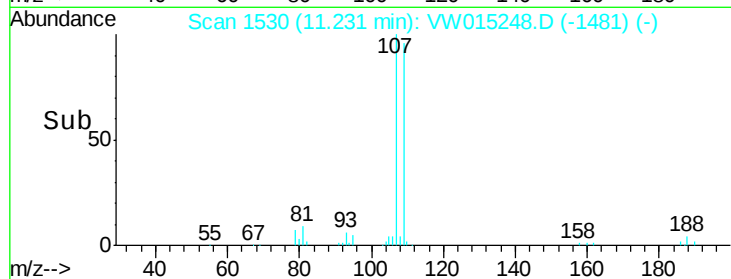
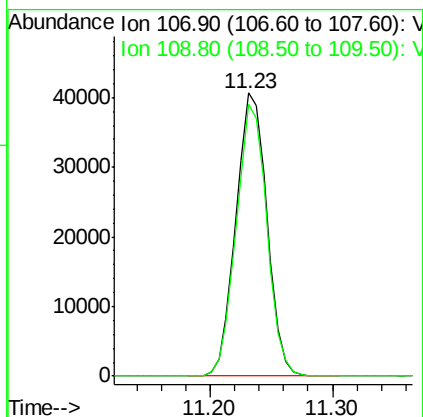
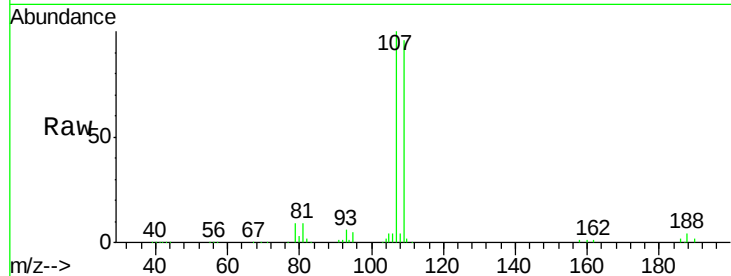
#61
1,2-Dibromoethane
Concen: 51.878 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.3	111.5

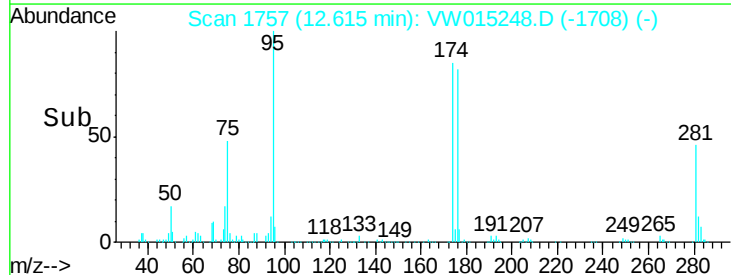
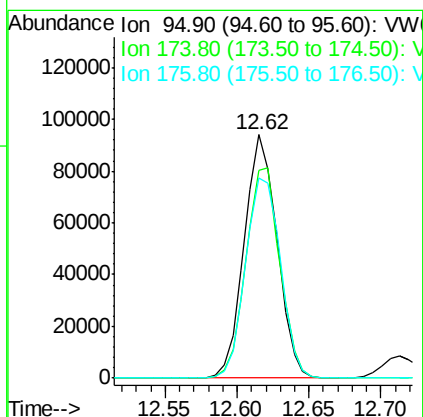
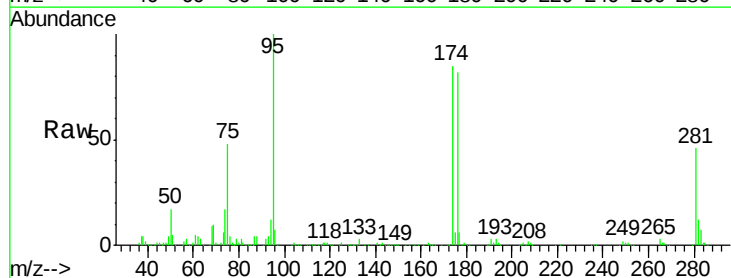
Manual Integrations
APPROVED

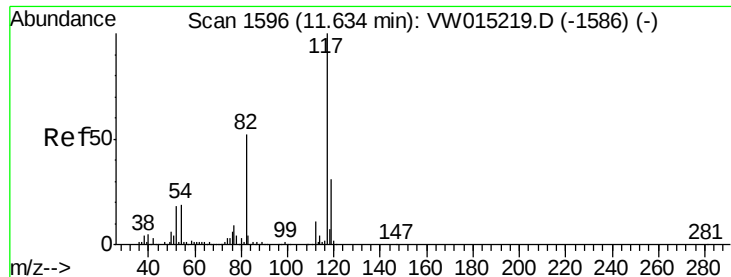
MMDadoda
4/21/2020 10:00:45 AM



#62
4-Bromofluorobenzene
Concen: 53.582 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	144.4
176	87.5	0.0	140.6





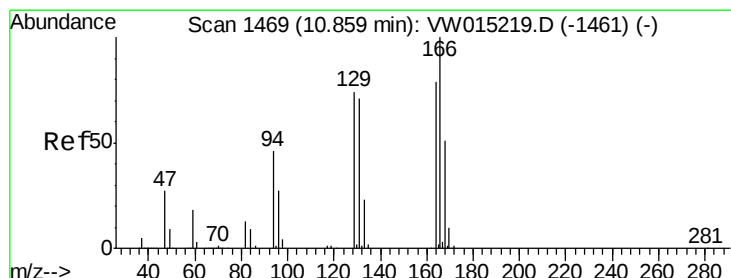
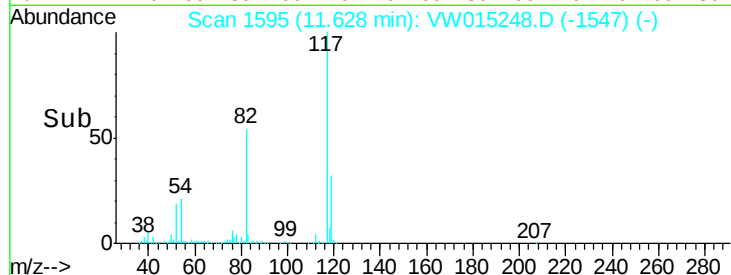
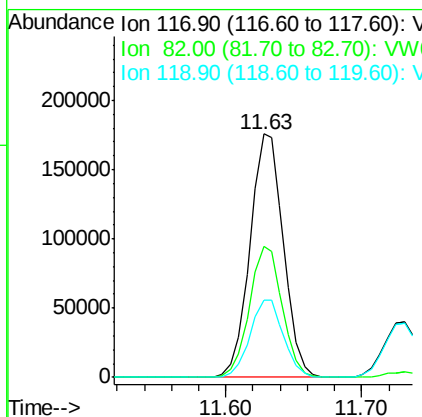
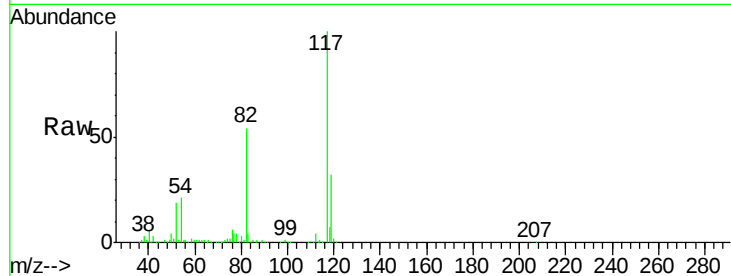
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301855		
82	53.9		44.1	66.1
119	31.7		24.9	37.3

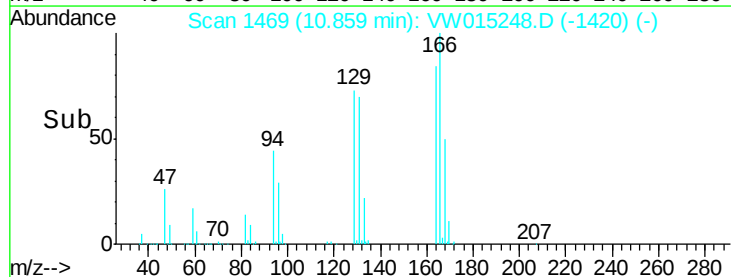
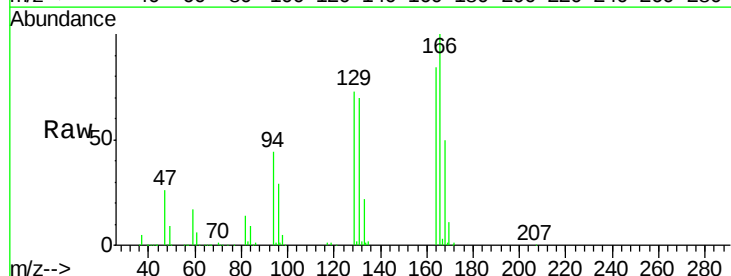
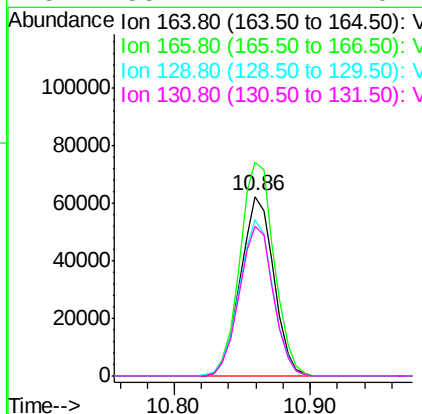
Manual Integrations
APPROVED

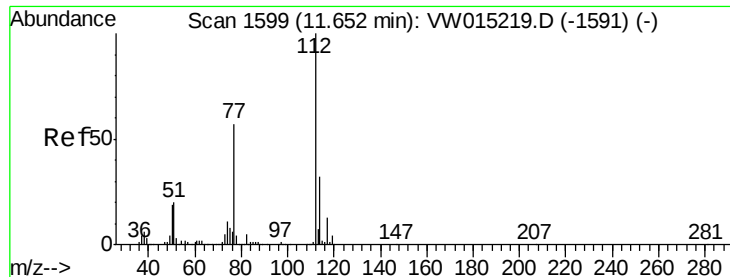
MMDadoda
4/21/2020 10:00:45 AM



#64
Tetrachloroethene
Concen: 49.256 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106115		
166	119.0		102.6	154.0
129	86.8		80.2	120.2
131	83.7		77.4	116.2





#65

Chlorobenzene

Concen: 50.287 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 297862

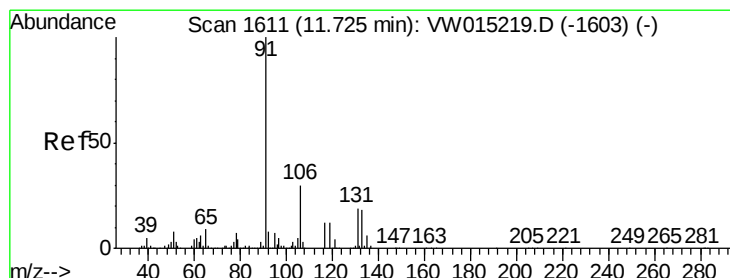
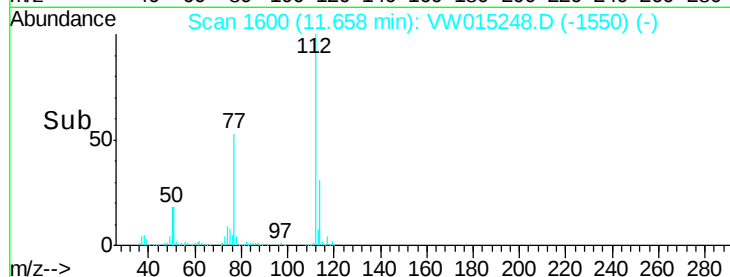
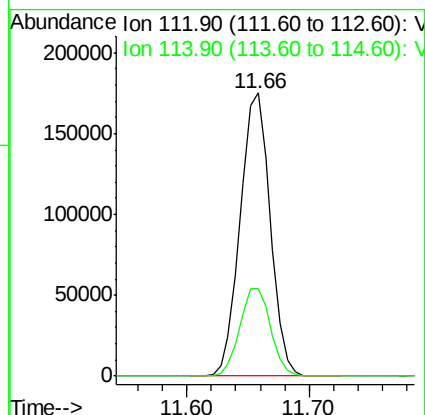
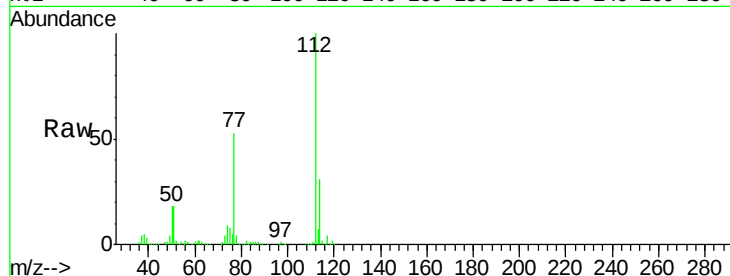
Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
4/21/2020 10:00:45 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.443 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

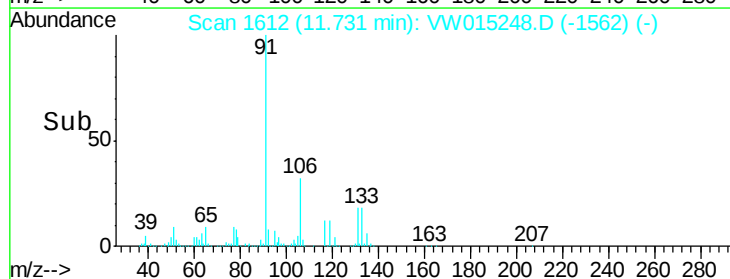
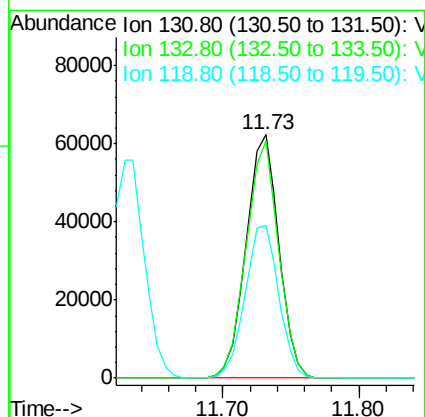
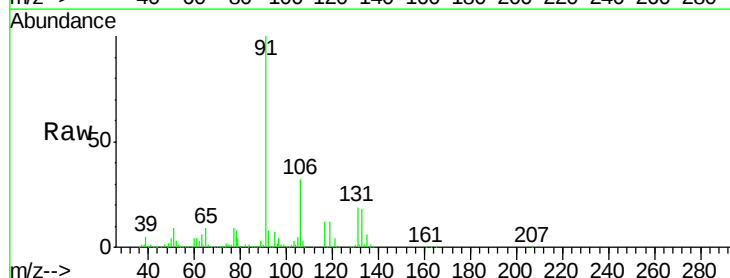
Tgt Ion:131 Resp: 105259

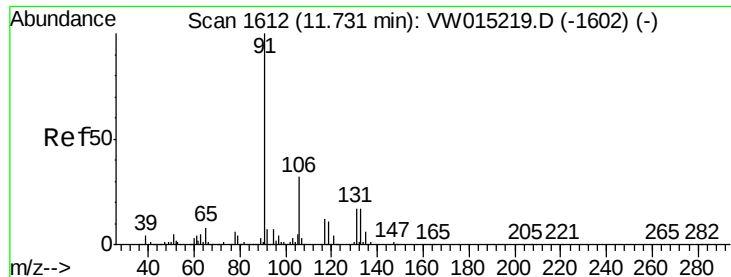
Ion Ratio Lower Upper

131 100

133 96.4 47.7 143.1

119 64.6 34.0 101.8





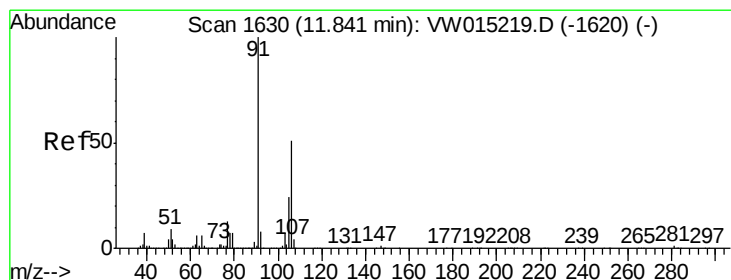
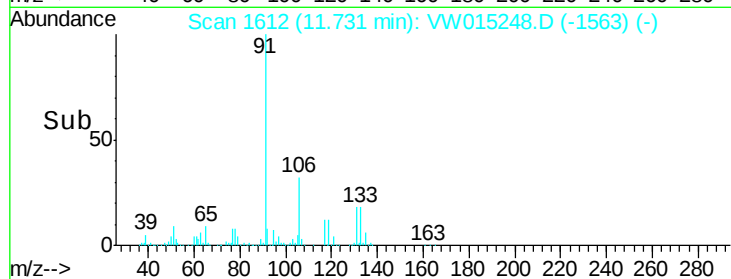
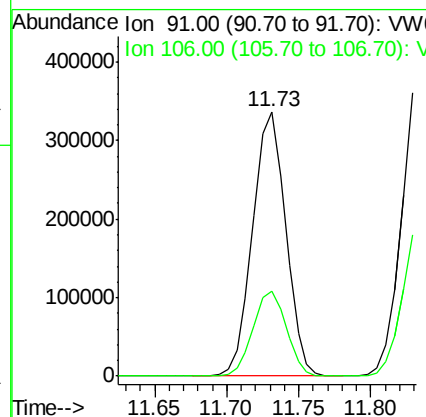
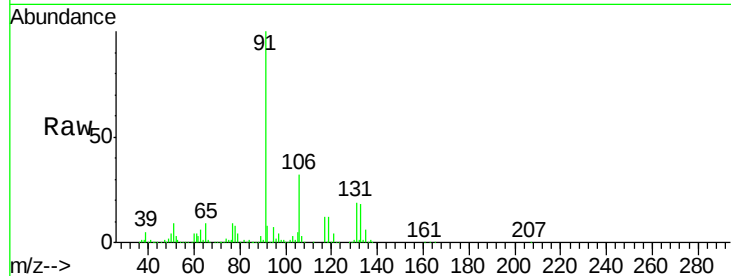
#67
Ethyl Benzene
Concen: 48.460 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	32.4	25.7	38.5	

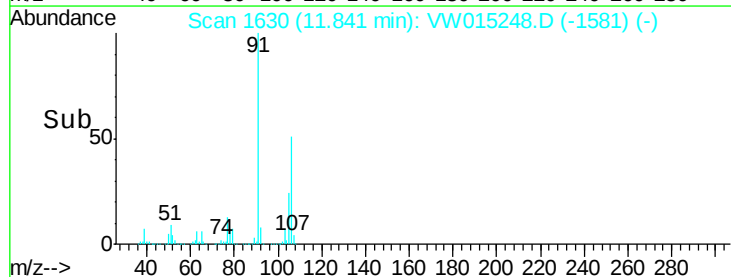
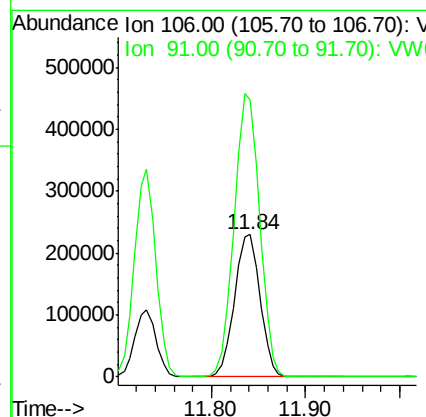
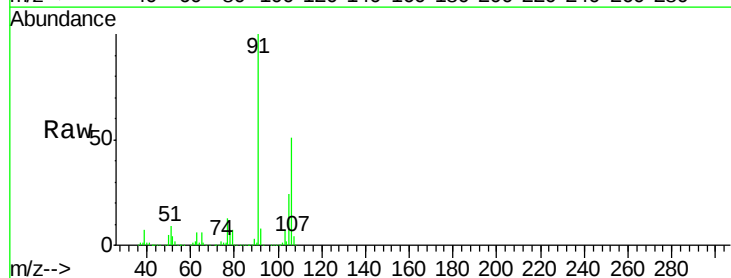
Manual Integrations
APPROVED

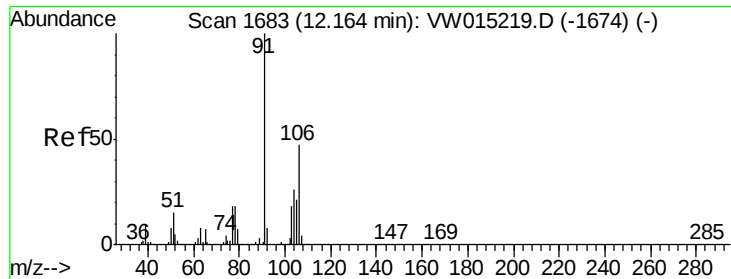
MMDadoda
4/21/2020 10:00:45 AM



#68
m/p-Xylenes
Concen: 100.185 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	198.0	160.0	240.0	





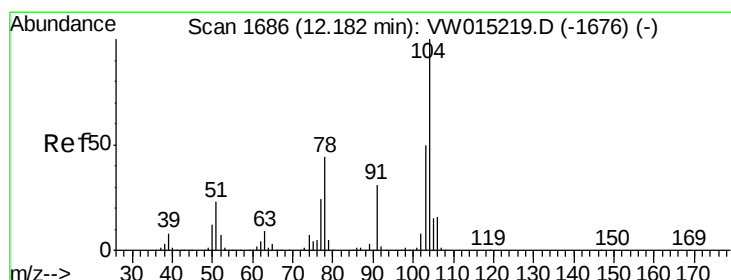
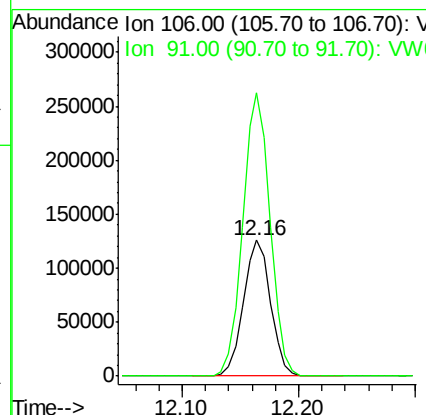
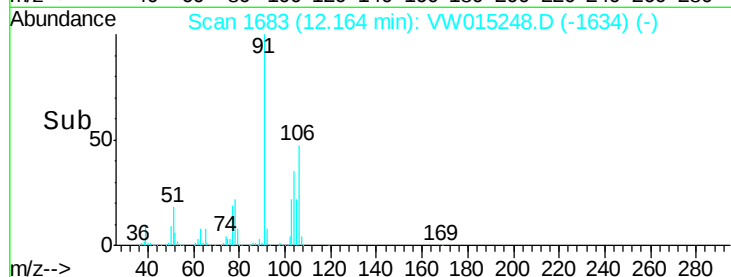
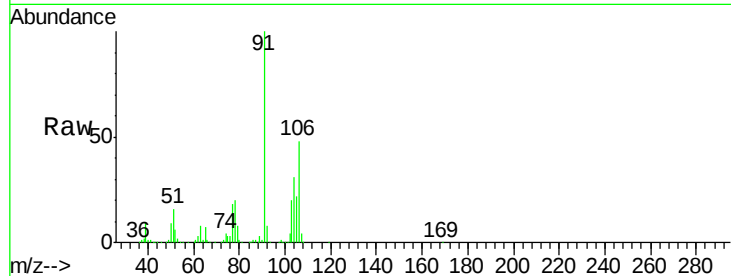
#69
o-Xylene
Concen: 50.651 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 204699
Ion Ratio Lower Upper
106 100
91 208.6 105.7 317.1

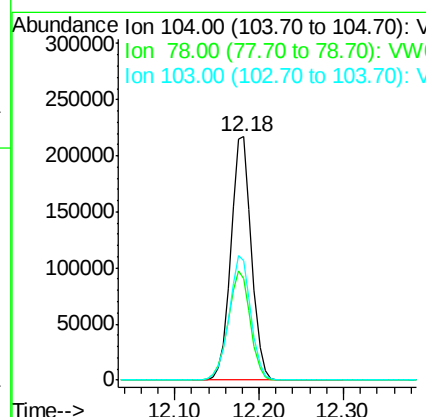
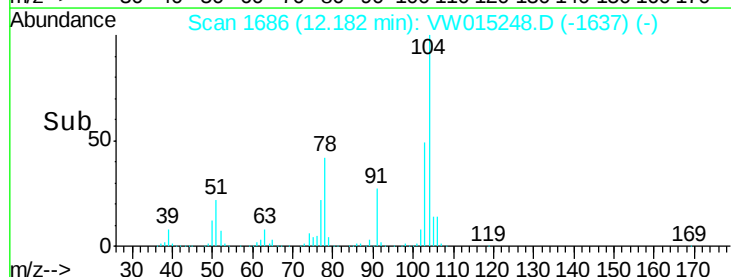
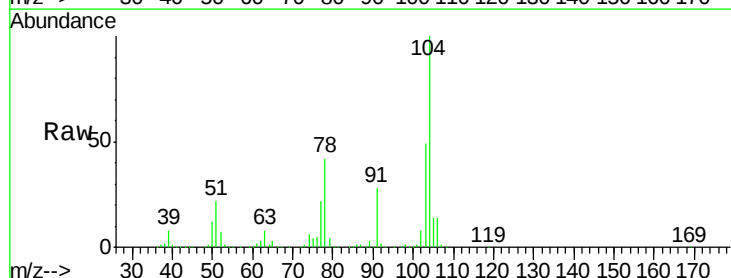
Manual Integrations
APPROVED

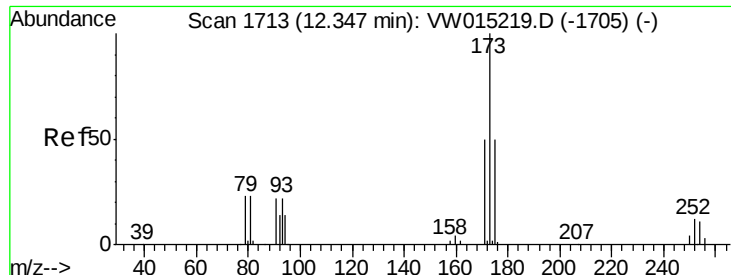
MMDadoda
4/21/2020 10:00:45 AM



#70
Styrene
Concen: 52.430 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion:104 Resp: 361183
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 53.9 43.8 65.6





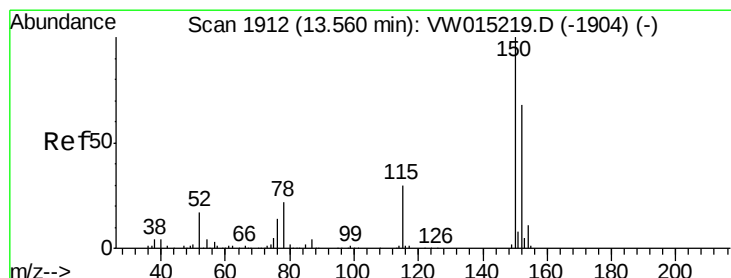
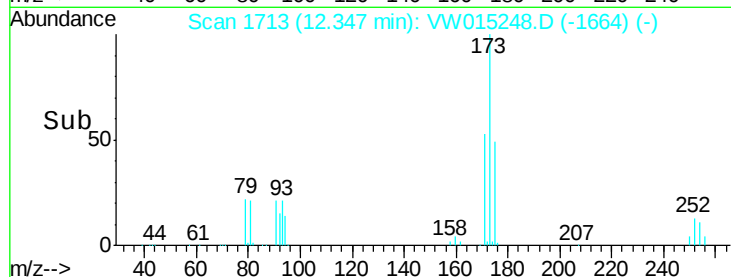
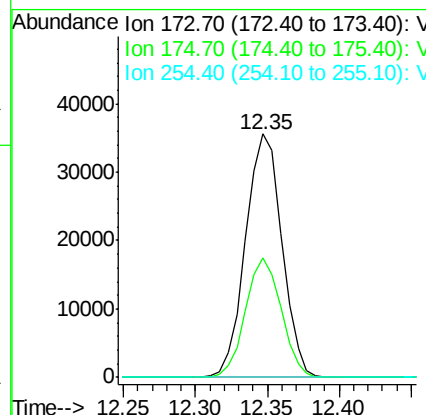
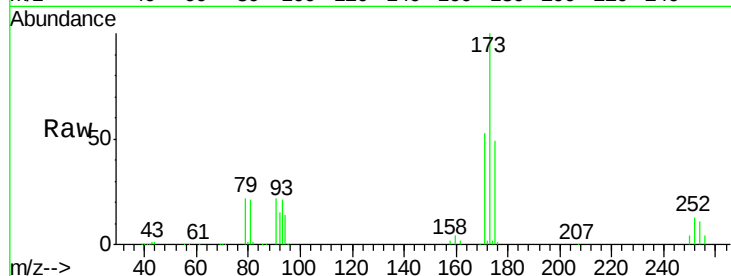
#71
Bromoform
Concen: 51.725 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	25.1	75.4
254	0.1	0.1	0.1

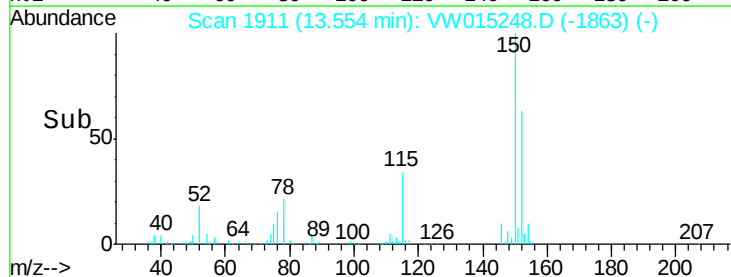
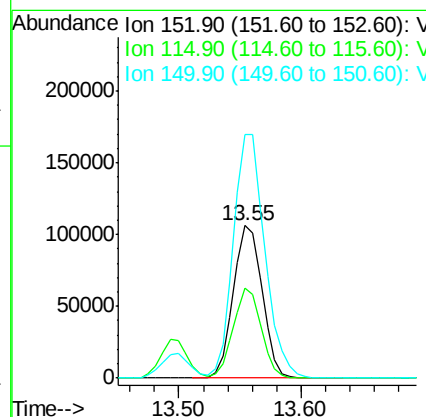
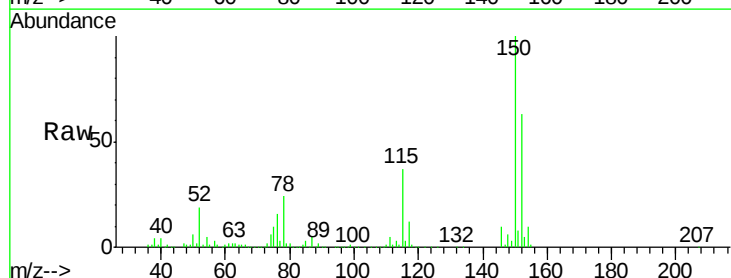
Manual Integrations
APPROVED

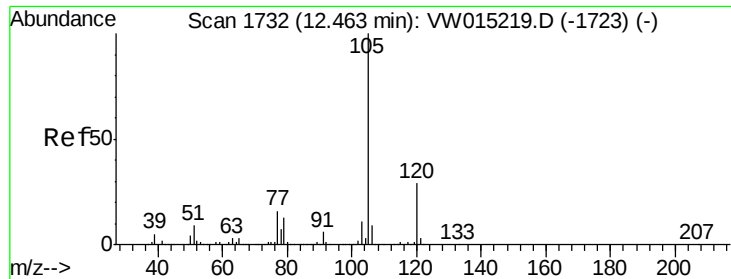
MMDadoda
4/21/2020 10:00:45 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	31.3	93.9
150	174.3	0.0	343.4





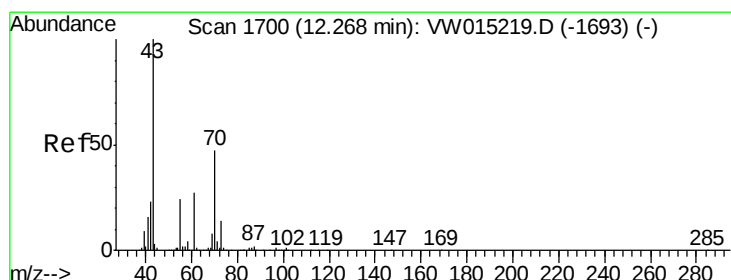
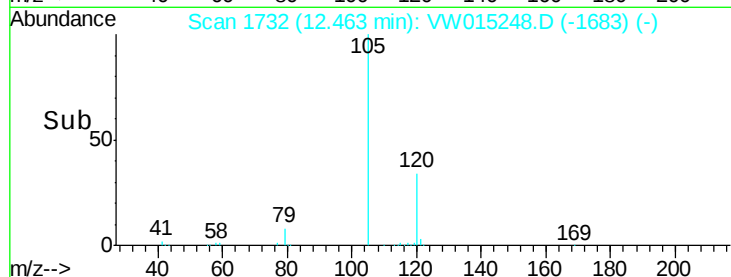
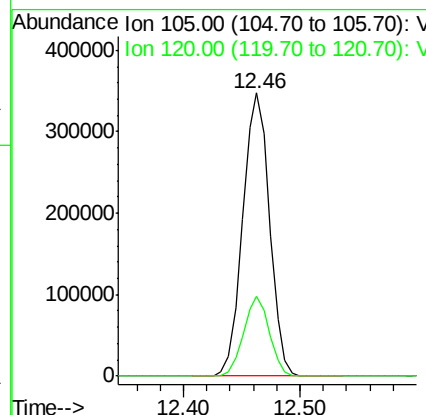
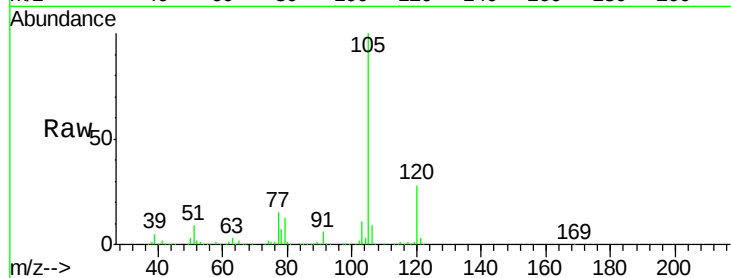
#73
Isopropylbenzene
Concen: 46.595 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.7	41.1

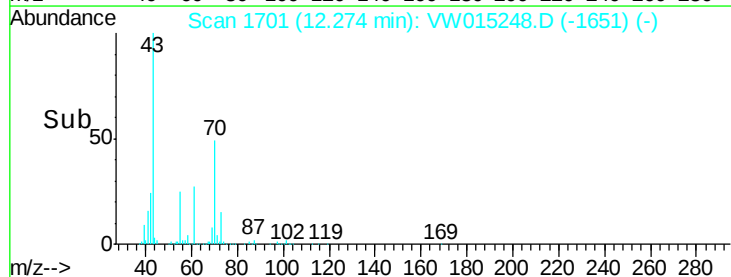
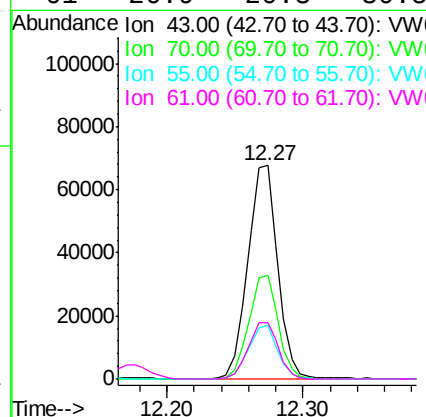
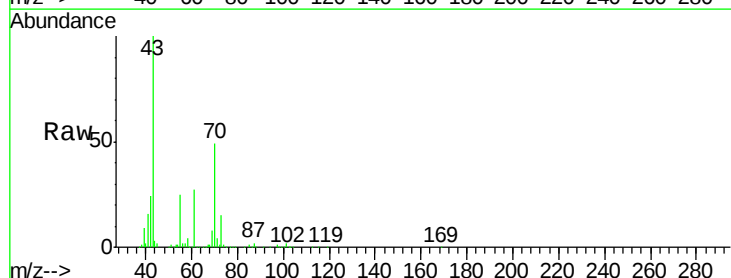
Manual Integrations
APPROVED

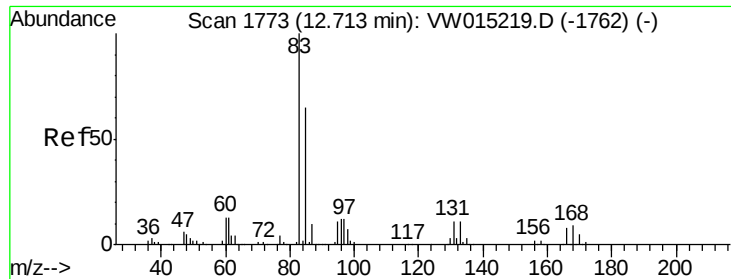
MMDadoda
4/21/2020 10:00:45 AM



#74
N-ethyl acetate
Concen: 49.659 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.6	35.4	53.2
55	25.0	18.5	27.7
61	26.9	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.915 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

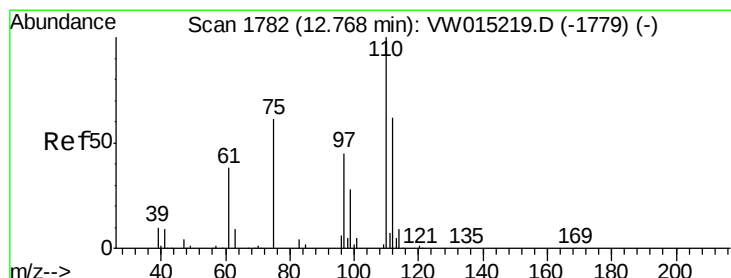
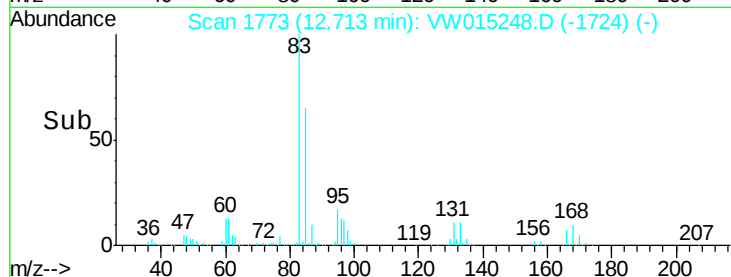
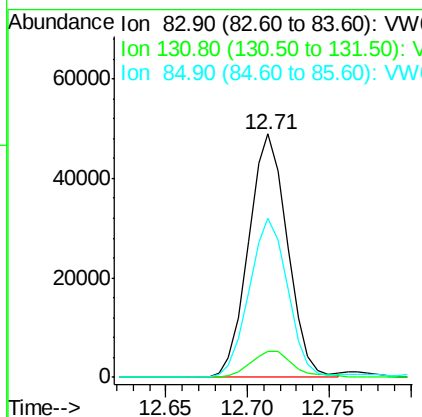
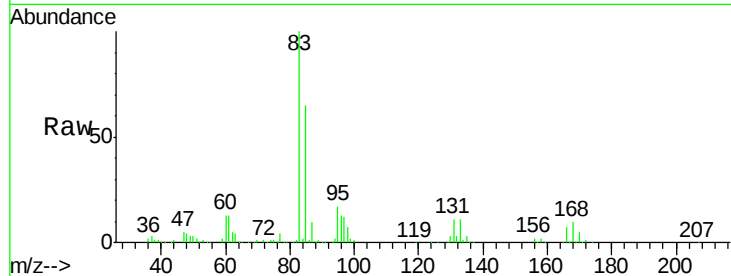
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	81478
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.1	15.2
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.296 ug/l m

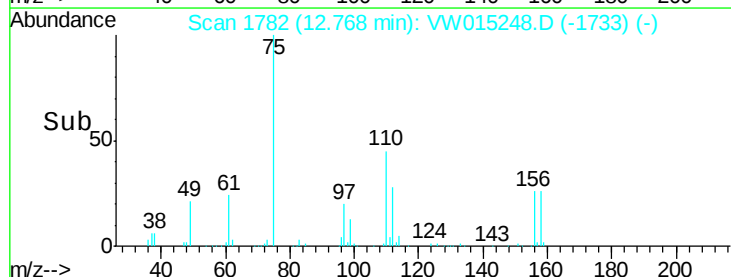
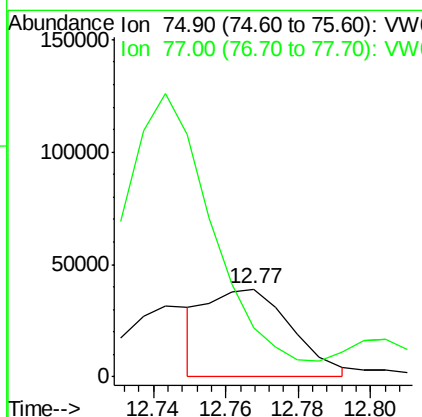
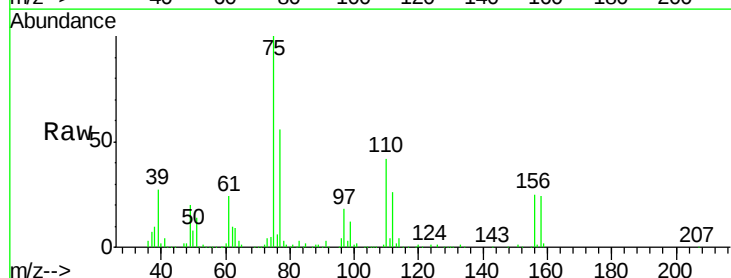
RT: 12.77 min Scan# 1782

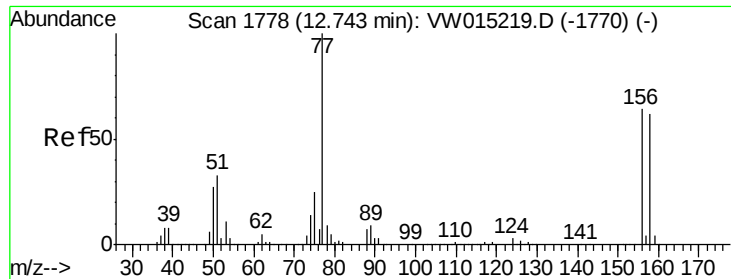
Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion:	75	Resp:	63202
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.749 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

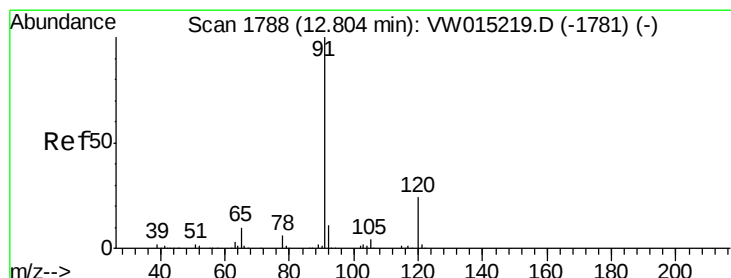
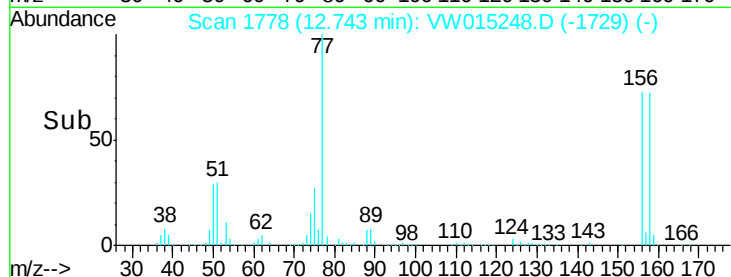
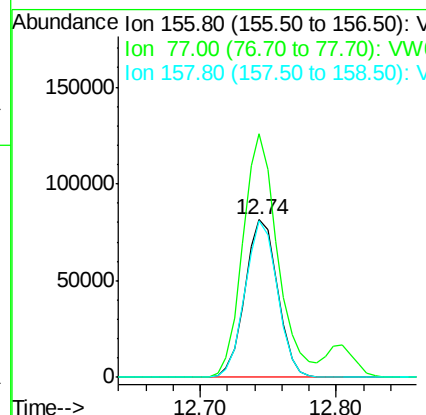
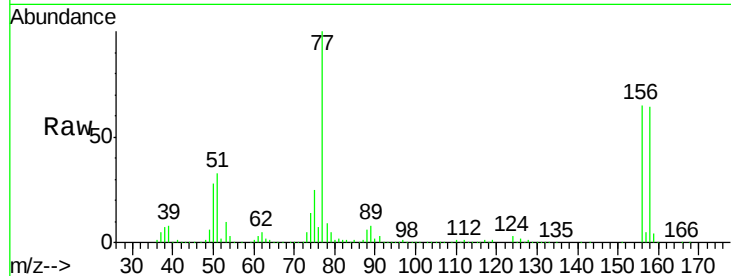
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	136892
Ion Ratio	Lower	Upper	
156	100		
77	165.0	100.5	301.5
158	98.0	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 47.166 ug/l

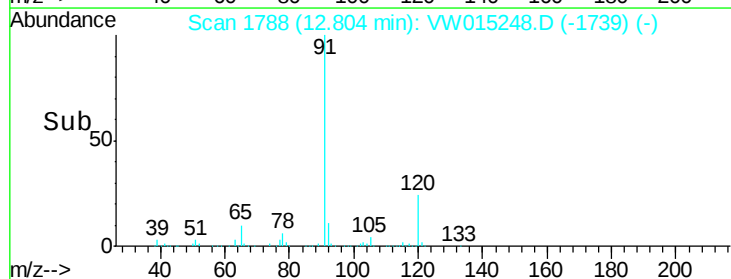
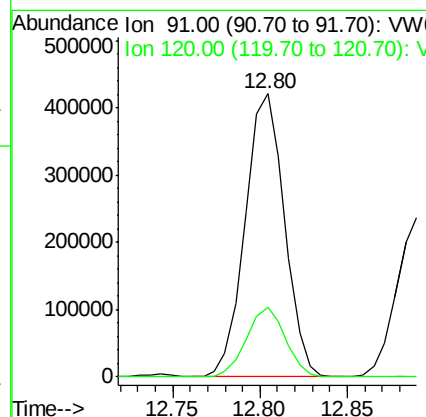
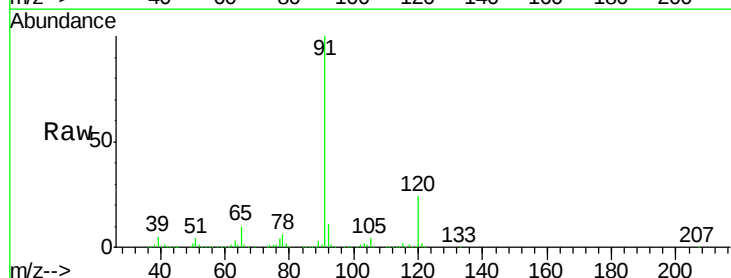
RT: 12.80 min Scan# 1788

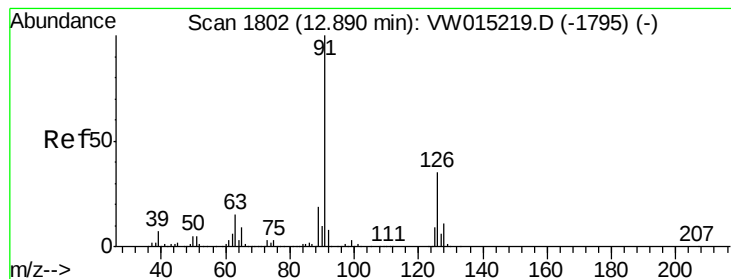
Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Tgt Ion:	91	Resp:	657714
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.4	34.1





#79

2-Chlorotoluene

Concen: 49.017 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 385209

Ion Ratio Lower Upper

91 100

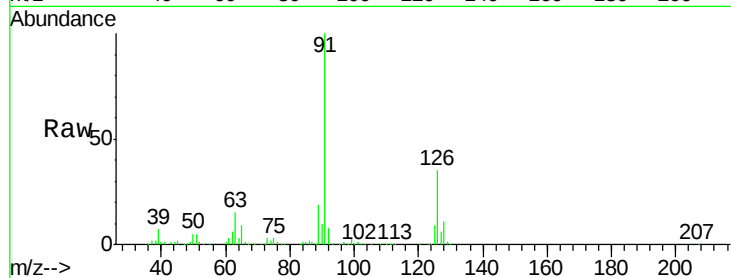
126 35.1 16.8 50.4

Manual Integrations

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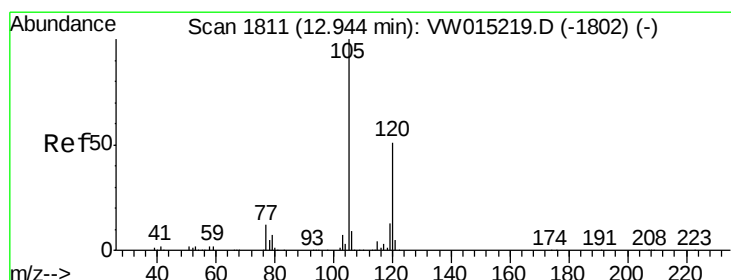
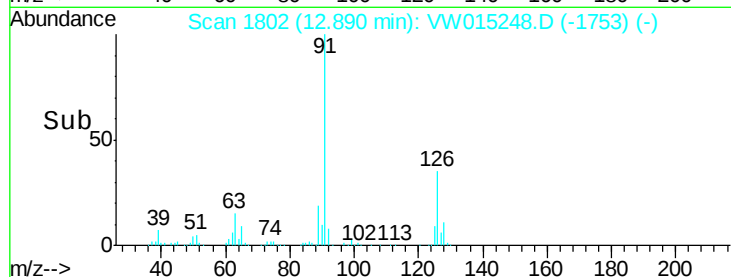
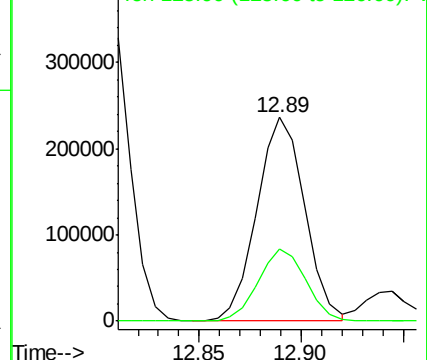
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.440 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015248.D

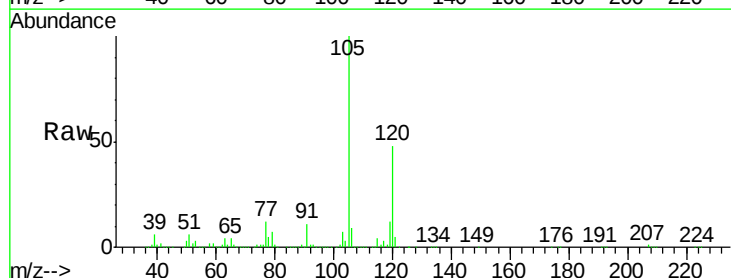
Acq: 21 Apr 2020 01:59

Tgt Ion: 105 Resp: 499749

Ion Ratio Lower Upper

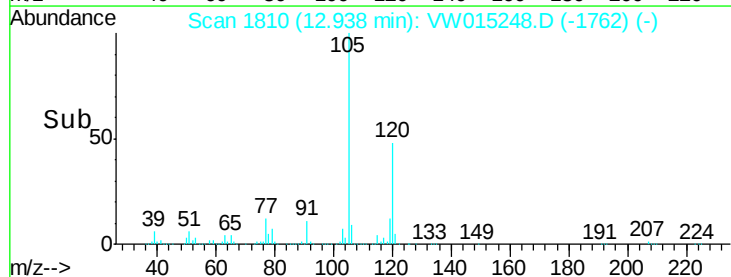
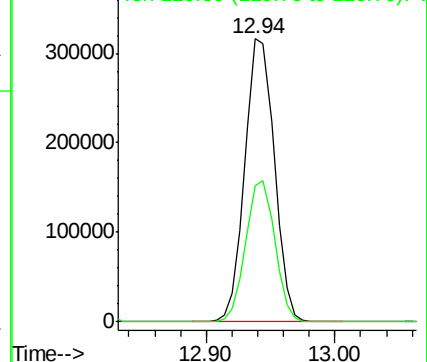
105 100

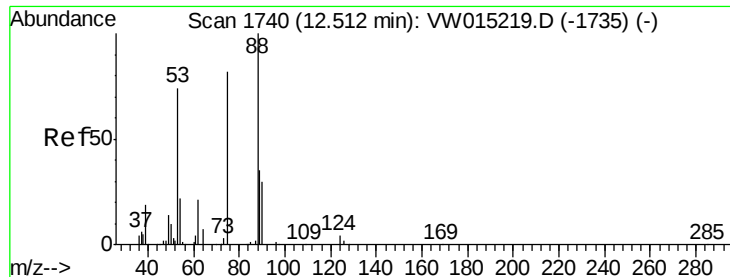
120 49.6 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





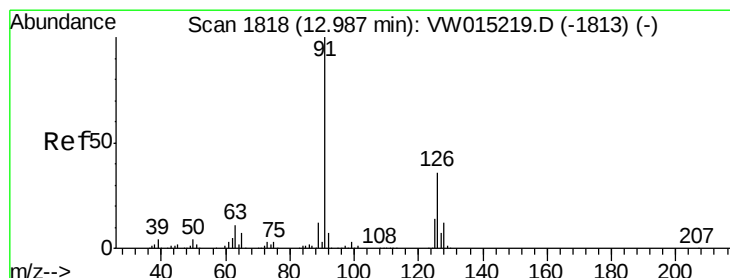
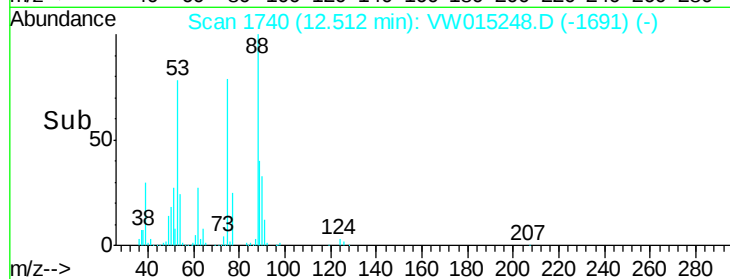
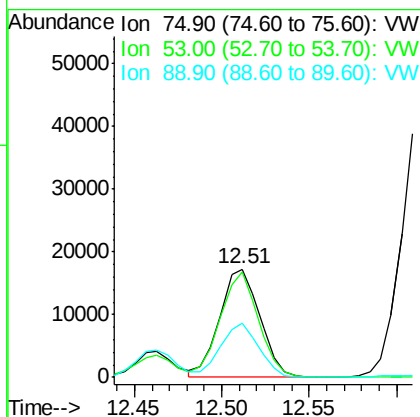
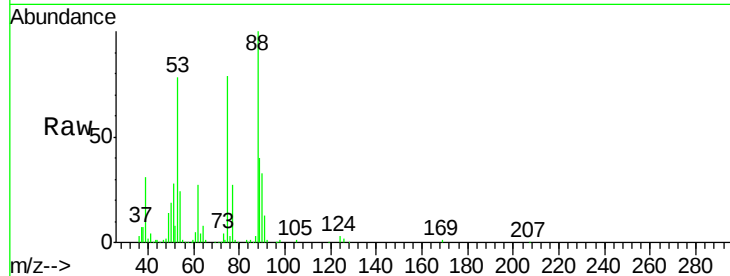
#81
trans-1,4-Dichloro-2-butene
Concen: 44.713 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.6	69.4	104.2
89	47.8	34.8	52.2

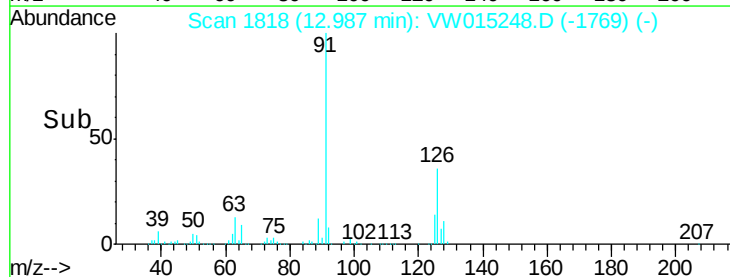
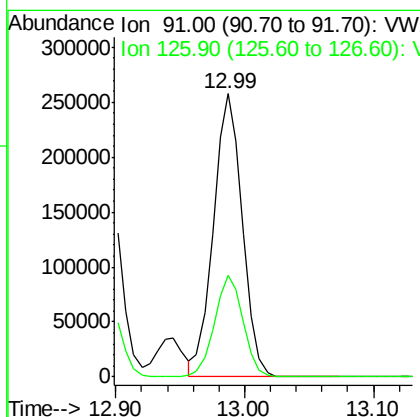
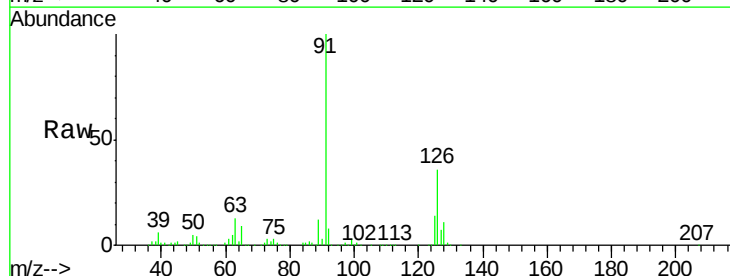
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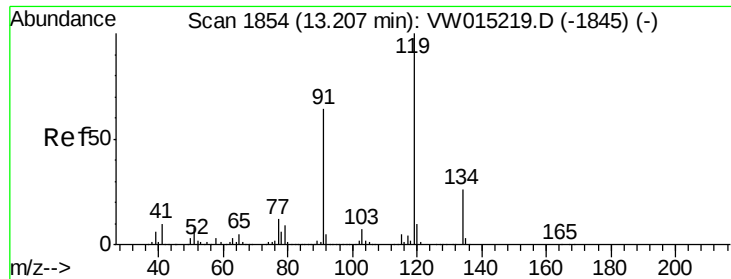
MMDadoda
4/21/2020 10:00:45 AM



#82
4-Chlorotoluene
Concen: 48.408 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	16.8	50.3





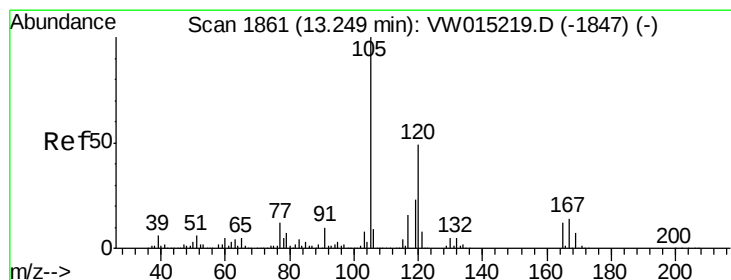
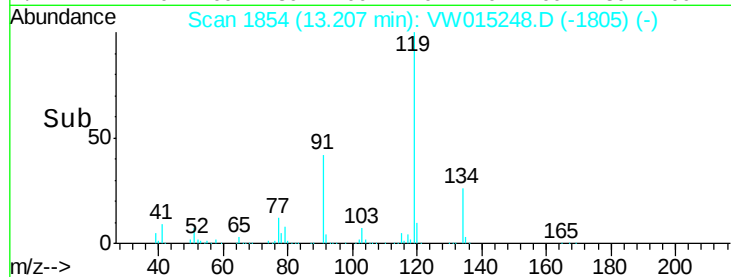
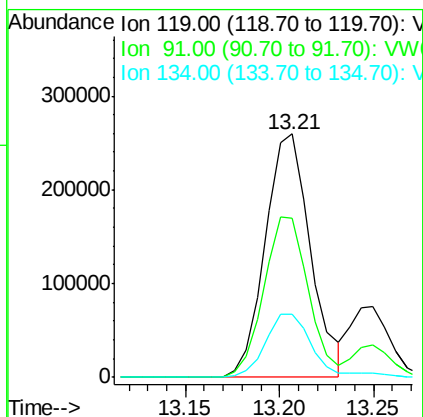
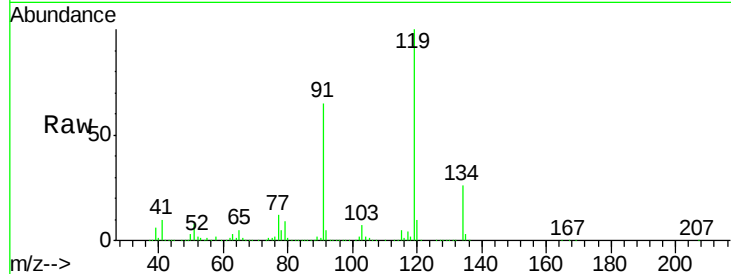
#83
tert-Butylbenzene
Concen: 48.077 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	433517		
91	64.7	32.8	98.3	
134	27.3	13.3	39.9	

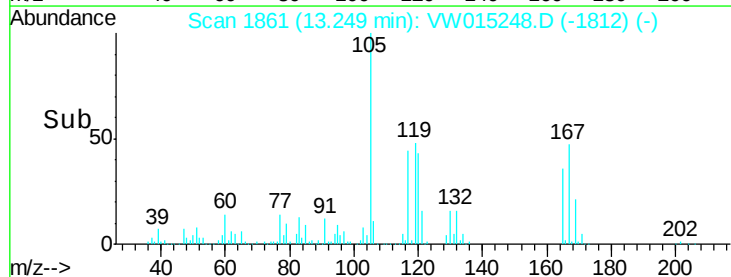
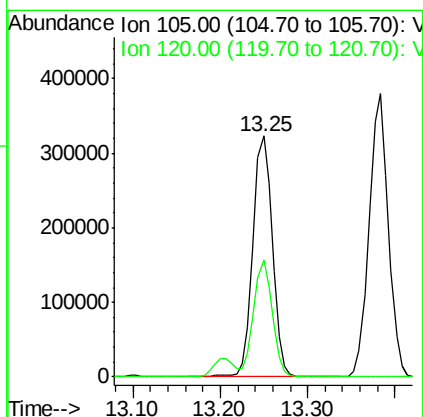
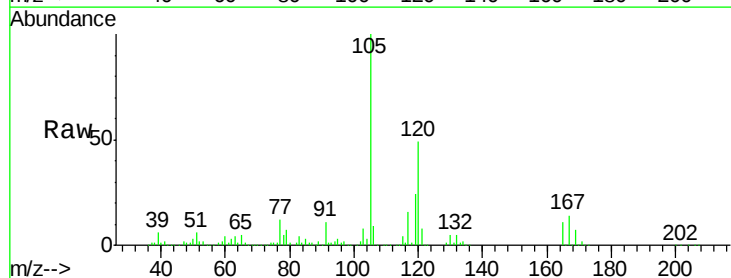
Manual Integrations
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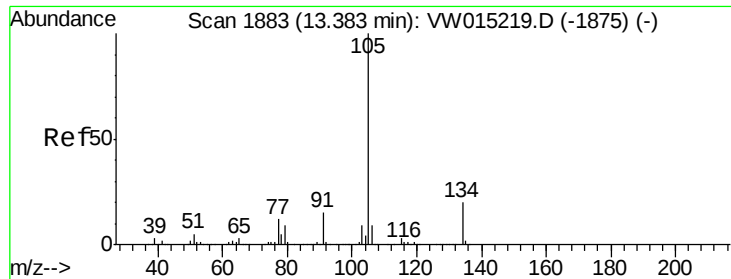
MMDadoda
4/21/2020 10:00:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 48.836 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496947		
120	46.9	23.0	69.0	





#85

sec-Butylbenzene

Concen: 46.797 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 582769

Ion Ratio Lower Upper

105 100

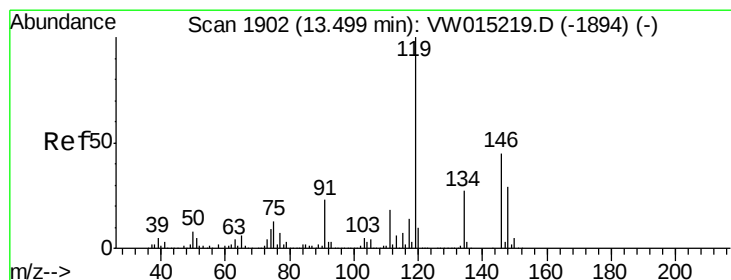
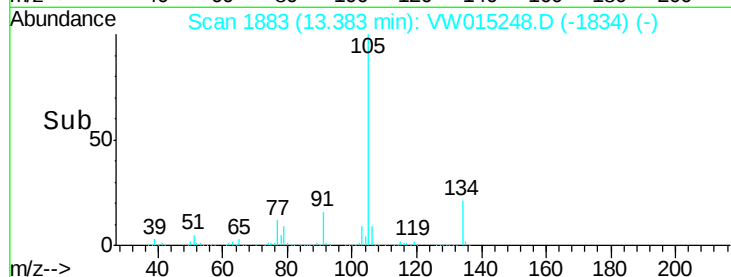
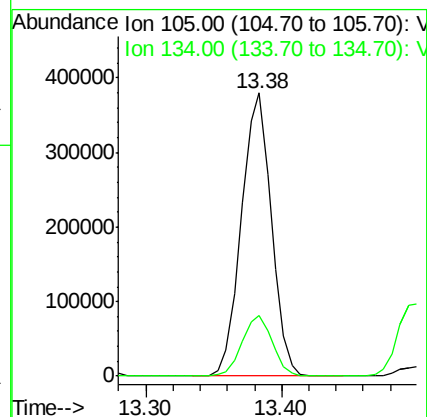
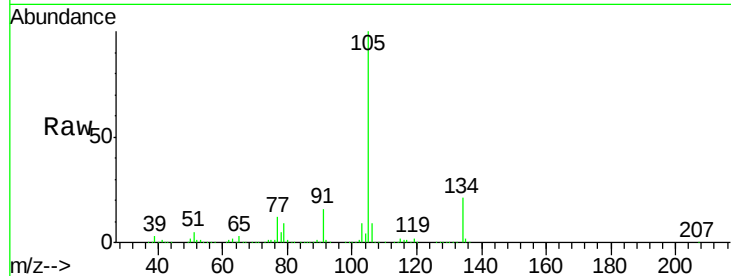
134 21.5 10.1 30.1

Manual Integrations

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4/21/2020 10:00:45 AM



#86

p-Isopropyltoluene

Concen: 47.799 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015248.D

Acq: 21 Apr 2020 01:59

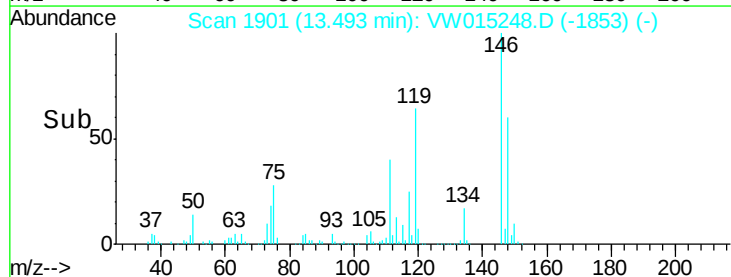
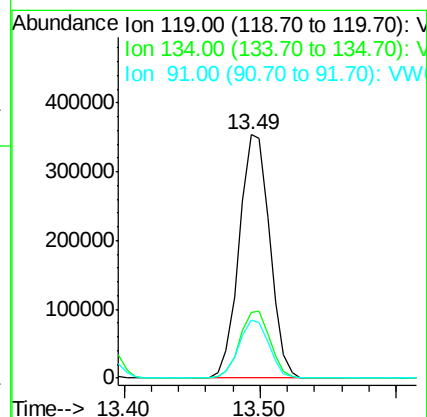
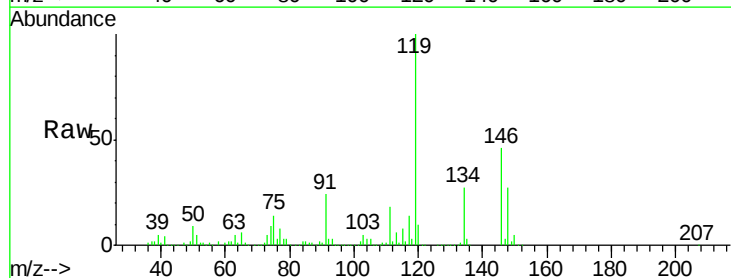
Tgt Ion:119 Resp: 553108

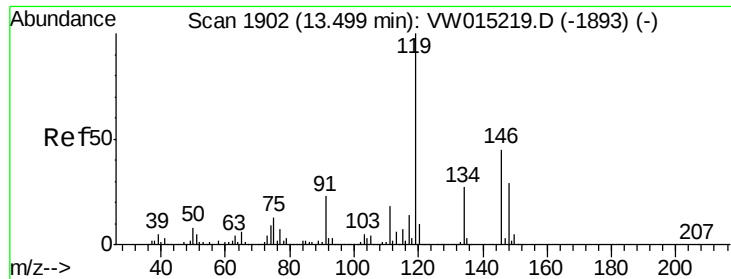
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.9

91 23.5 12.0 36.1





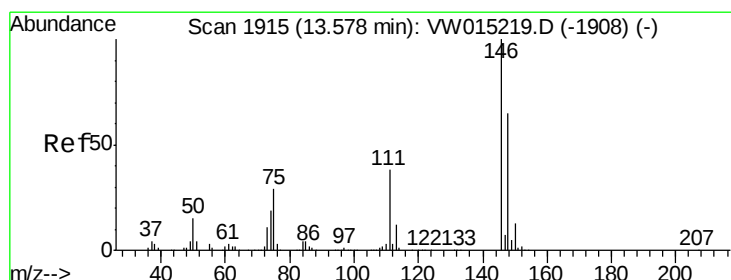
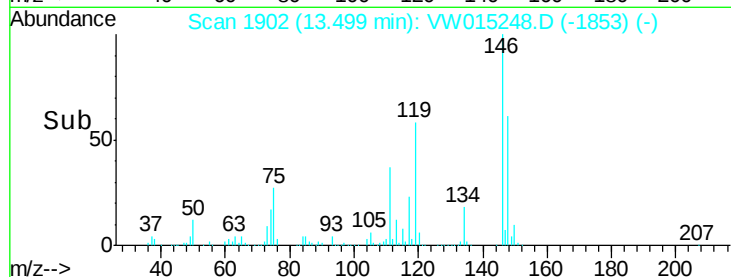
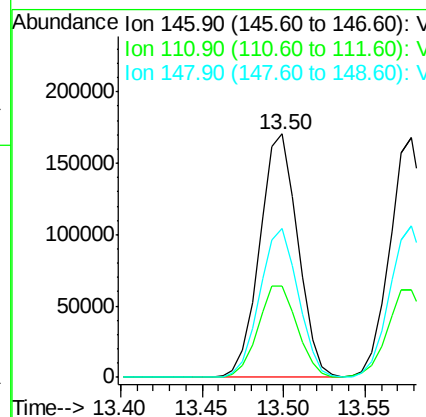
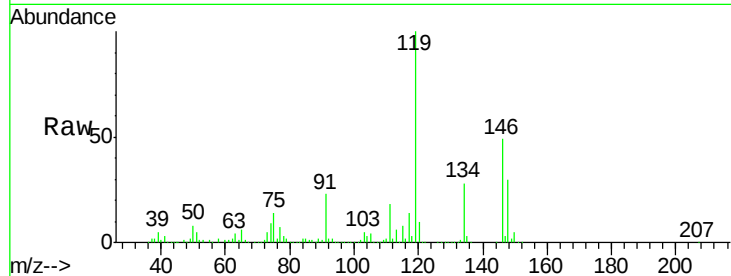
#87
1,3-Dichlorobenzene
Concen: 50.454 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.1	63.4
148	61.9	31.8	95.3

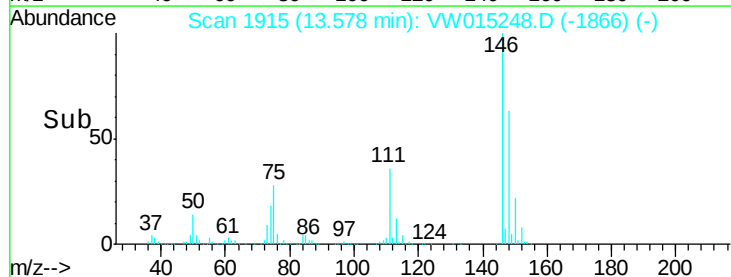
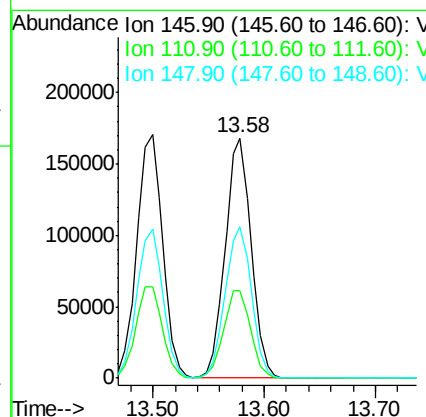
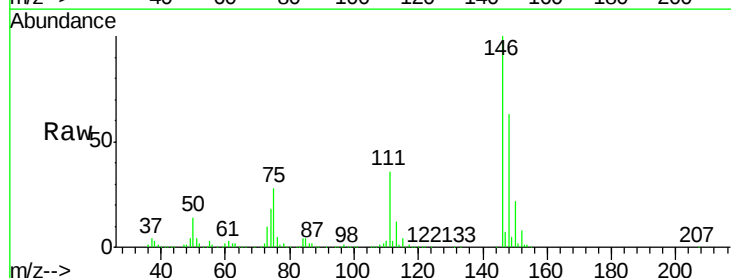
Manual Integrations
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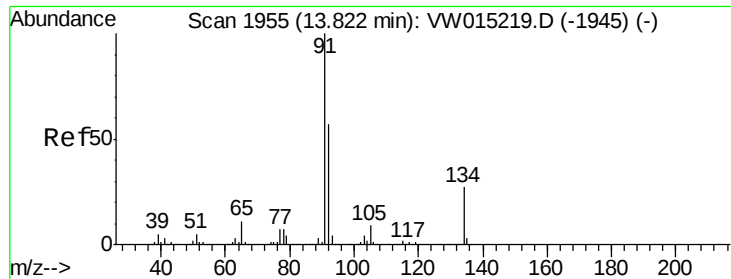
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 50.457 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.4	61.3
148	64.0	31.5	94.5





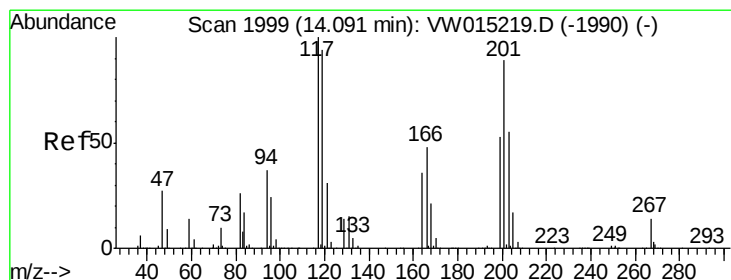
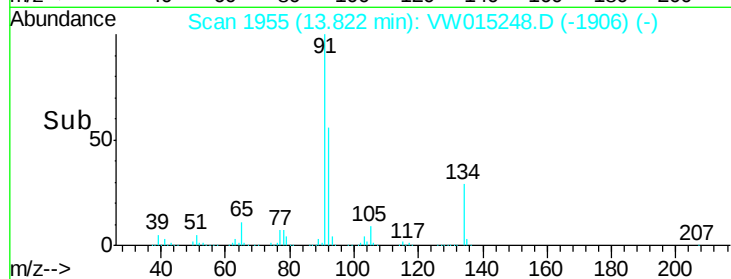
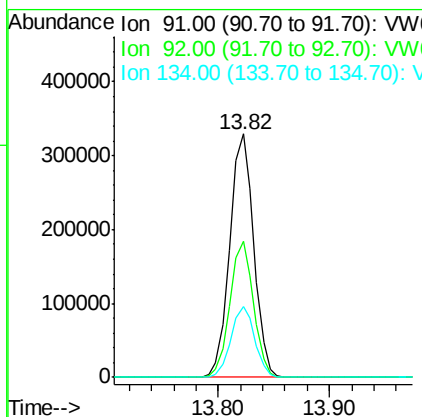
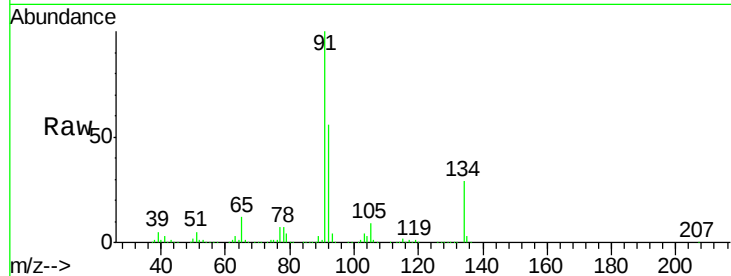
#89
n-Butylbenzene
Concen: 46.309 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.6	82.7
134	28.9	12.8	38.3

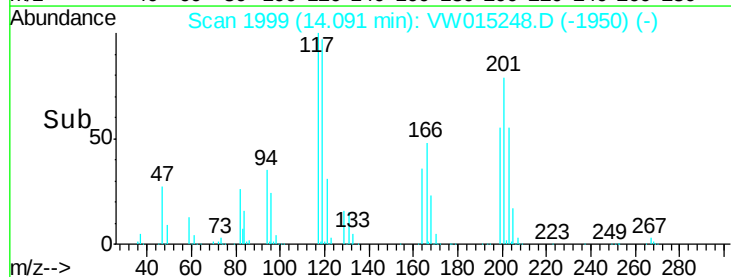
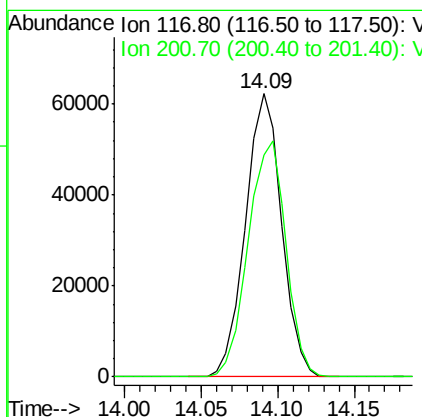
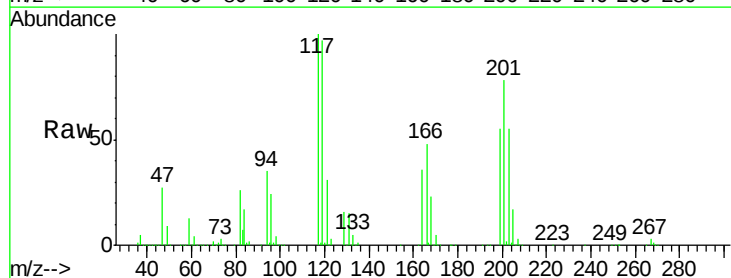
Manual Integrations
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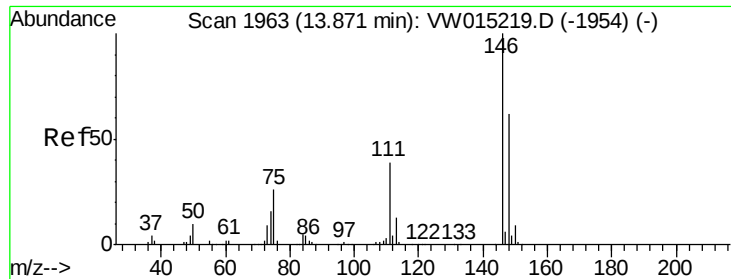
MMDadoda
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#90
Hexachloroethane
Concen: 48.101 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	33.6	100.6





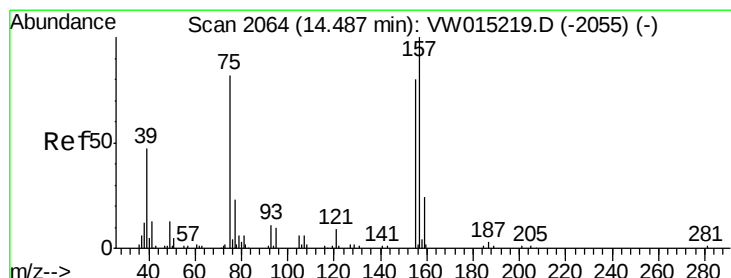
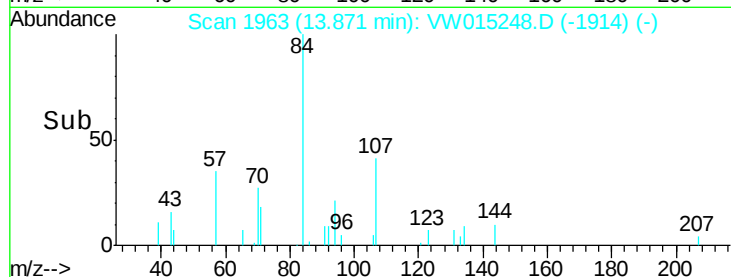
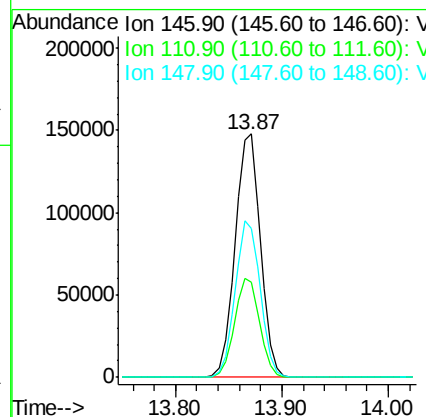
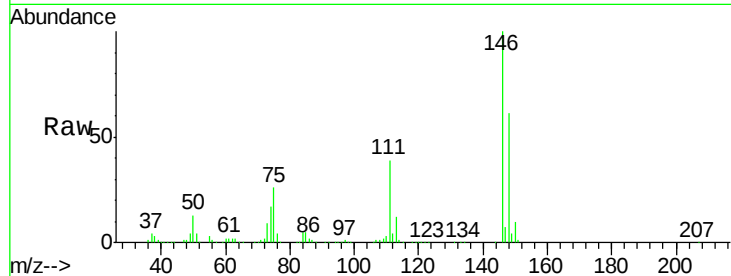
#91
 1,2-Dichlorobenzene
 Concen: 51.852 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.6	65.0
148	63.8	31.0	93.0

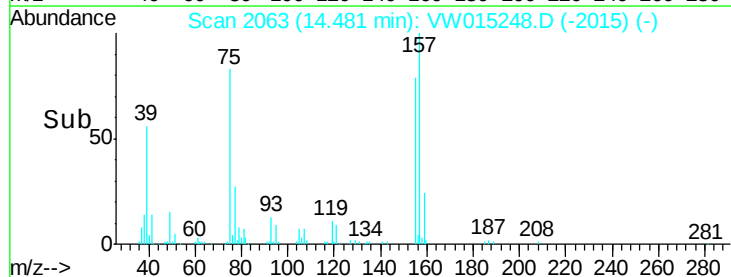
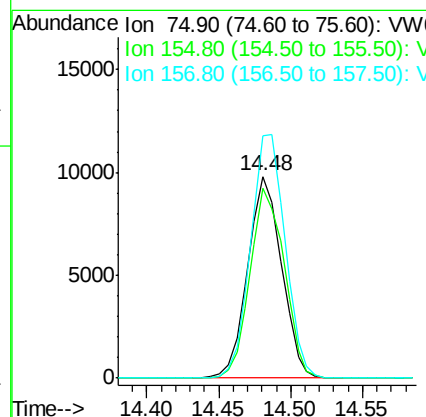
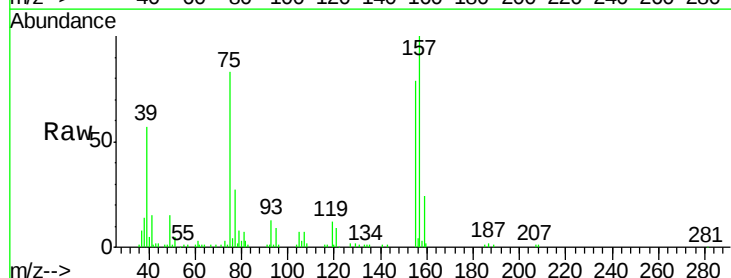
Manual Integrations
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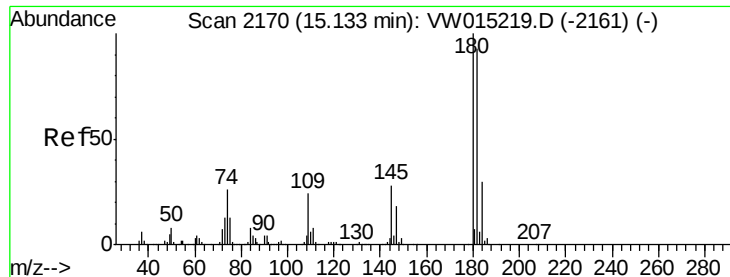
MMDadoda
 4/21/2020 10:00:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.786 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	41.6	124.9
157	122.6	53.8	161.2





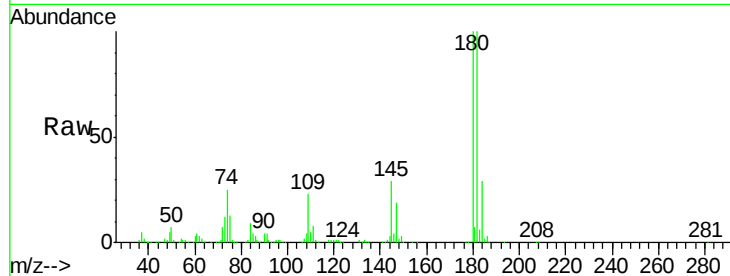
#93
 1,2,4-Trichlorobenzene
 Concen: 51.026 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

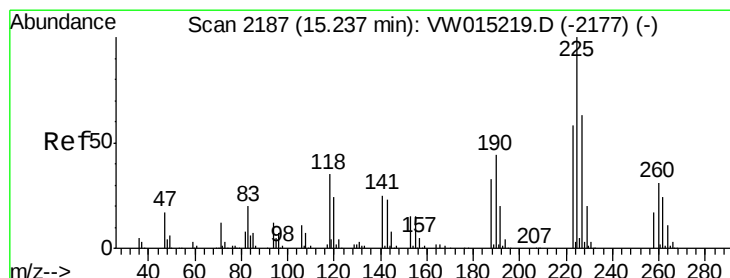
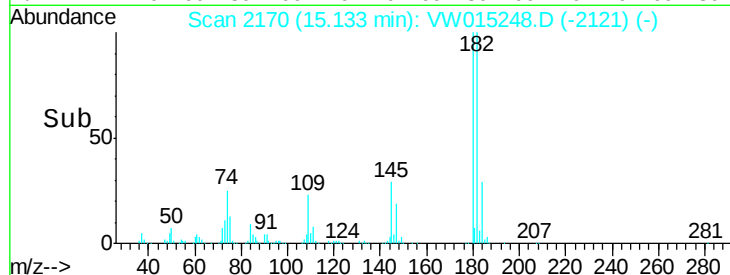
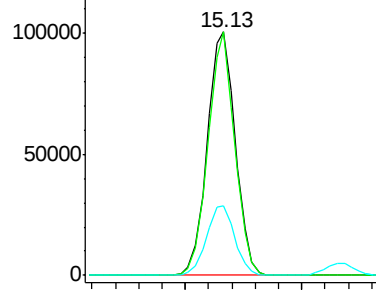
Tot Ion	Ratio	Resp	Lower	Upper
180	100	168501		
182	94.4	47.1	141.4	
145	28.6	16.2	48.6	

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 10:00:45 AM

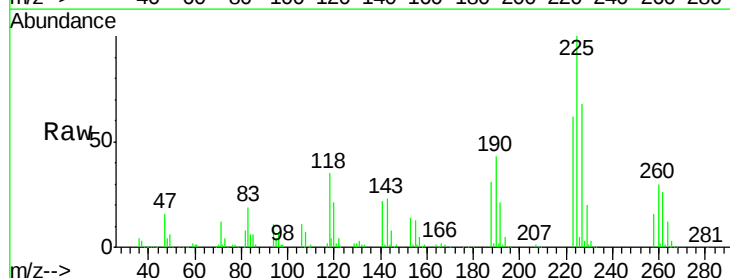


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

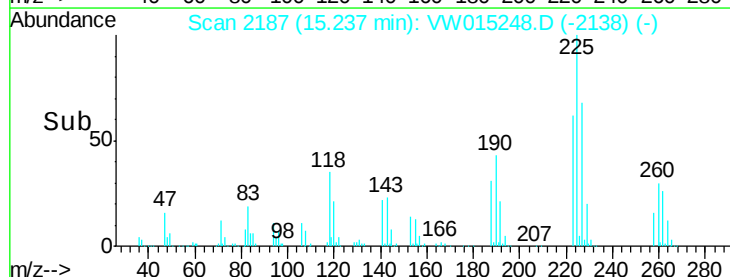
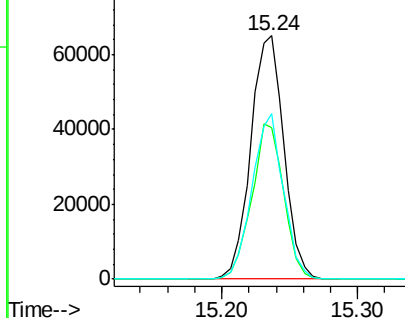


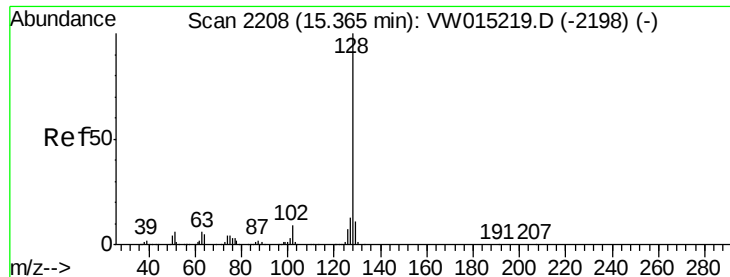
#94
 Hexachlorobutadiene
 Concen: 50.442 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015248.D
 Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111055		
223	61.4	31.0	93.0	
227	64.3	30.8	92.3	



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





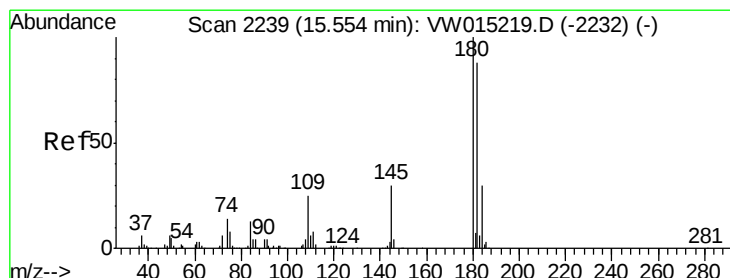
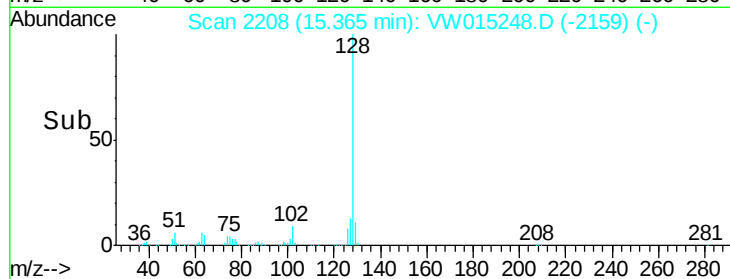
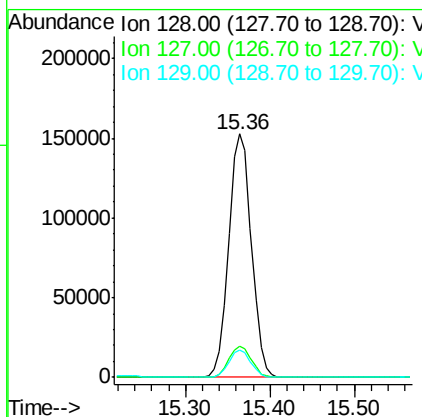
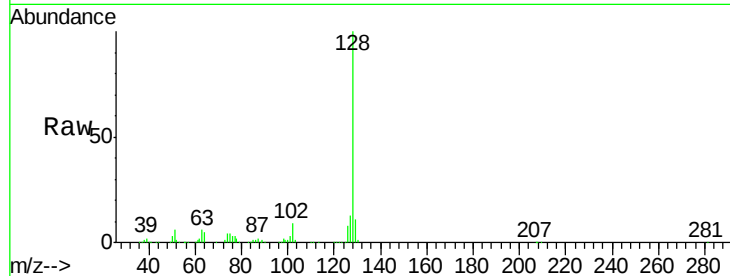
#95
Naphthalene
Concen: 52.463 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	278689		
127	12.8		10.3	15.5
129	10.9		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
4/21/2020 10:00:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.806 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015248.D
Acq: 21 Apr 2020 01:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141879		
182	95.9		48.8	146.3
145	30.8		17.2	51.6

