

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000023.D
 Acq On : 12 Sep 2019 13:16
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.00ml
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:57 PM

Quant Time: Sep 19 11:55:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	147205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	273247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	232221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	229530	144.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.50%	
35) Dibromofluoromethane	7.72	113	222589	141.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.98%	
50) Toluene-d8	10.18	98	939159	148.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.60%	
62) 4-Bromofluorobenzene	12.48	95	318230	138.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	141335	130.197	ug/l	97
4) Vinyl Chloride	2.25	62	228099	138.567	ug/l	99
5) Bromomethane	2.61	94	108174	103.388	ug/l	100
6) Chloroethane	2.76	64	151680	138.409	ug/l	98
7) Trichlorofluoromethane	3.11	101	292499	136.748	ug/l	95
8) Diethyl Ether	3.53	74	125145	142.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	205173	140.955	ug/l	100
10) Methyl Iodide	4.08	142	249685	156.865	ug/l	99
11) Tert butyl alcohol	4.98	59	125032	620.203	ug/l	99
12) 1,1-Dichloroethene	3.86	96	187791	138.431	ug/l	86
13) Acrolein	3.73	56	90475	598.221	ug/l	97
14) Allyl chloride	4.47	41	296323	140.685	ug/l	99
15) Acrylonitrile	5.17	53	395006	708.238	ug/l	99
16) Acetone	3.95	43	293168	666.810	ug/l	94
17) Carbon Disulfide	4.18	76	361715	132.407	ug/l	99
18) Methyl Acetate	4.48	43	171945	138.978	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	591514	143.961	ug/l	98
20) Methylene Chloride	4.71	84	220658	125.890	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	207233	137.963	ug/l	97
22) Diisopropyl ether	6.12	45	679133	146.057	ug/l	97
23) Vinyl Acetate	6.06	43	2355223	732.201	ug/l	97
24) 1,1-Dichloroethane	6.02	63	392976	142.620	ug/l	99
25) 2-Butanone	6.99	43	483113	676.015	ug/l	100
26) 2,2-Dichloropropane	6.98	77	341758	133.514	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	266975	140.874	ug/l	98
28) Bromochloromethane	7.34	49	194795	153.936	ug/l #	99
29) Tetrahydrofuran	7.35	42	295990	696.245	ug/l	98
30) Chloroform	7.51	83	394657	138.893	ug/l	100
31) Cyclohexane	7.78	56	288667	125.702	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	333971	143.281	ug/l	99
36) 1,1-Dichloropropene	7.92	75	278159	138.648	ug/l	99
37) Ethyl Acetate	7.08	43	190826	141.053	ug/l	99
38) Carbon Tetrachloride	7.90	117	274095	144.739	ug/l	92
39) Methylcyclohexane	9.18	83	339239	136.863	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.16	78	926740	141.884	ug/l	98
41) Methacrylonitrile	7.32	41	102750m	58.481	ug/l	
42) 1,2-Dichloroethane	8.24	62	245942	147.340	ug/l	99
43) Isopropyl Acetate	8.27	43	377613	144.038	ug/l	99
44) Trichloroethene	8.93	130	231513	141.956	ug/l	94
45) 1,2-Dichloropropane	9.21	63	240044	142.525	ug/l	95
46) Dibromomethane	9.31	93	131184	140.347	ug/l	98
47) Bromodichloromethane	9.50	83	325800	146.014	ug/l	99
48) Methyl methacrylate	9.29	41	168569	145.714	ug/l	98
49) 1,4-Dioxane	9.30	88	50189	2563.921	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1032553	702.898	ug/l	99
52) Toluene	10.24	92	592172	144.280	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	346934	147.883	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	391205	143.307	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	210721	142.260	ug/l	99
56) Ethyl methacrylate	10.51	69	299879	144.256	ug/l	100
57) 1,3-Dichloropropane	10.79	76	339792	143.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	830535	729.366	ug/l	98
59) 2-Hexanone	10.84	43	735055	694.365	ug/l	97
60) Dibromochloromethane	10.98	129	223352	143.105	ug/l	97
61) 1,2-Dibromoethane	11.09	107	188682	144.220	ug/l	98
64) Tetrachloroethene	10.71	164	197387	138.610	ug/l	96
65) Chlorobenzene	11.51	112	647459	146.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	221051	144.175	ug/l	98
67) Ethyl Benzene	11.59	91	1154869	143.663	ug/l	99
68) m/p-Xylenes	11.70	106	887012	292.407	ug/l	100
69) o-Xylene	12.02	106	425256	143.036	ug/l	100
70) Stvrene	12.04	104	767052	148.312	ug/l	100
71) Bromoform	12.21	173	136380	147.318	ug/l #	96
73) Isopropylbenzene	12.32	105	1149252	143.817	ug/l	100
74) N-amyl acetate	12.14	43	347164	147.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	266963	139.727	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	188323m	81.185	ug/l	
77) Bromobenzene	12.60	156	239387	141.615	ug/l	96
78) n-propylbenzene	12.66	91	1396255	142.975	ug/l	99
79) 2-Chlorotoluene	12.75	91	769472	140.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	945804	141.751	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	102598	140.096	ug/l	98
82) 4-Chlorotoluene	12.85	91	805013	140.460	ug/l	100
83) tert-Butylbenzene	13.07	119	812034	141.641	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	936979	142.161	ug/l	100
85) sec-Butylbenzene	13.25	105	1183981	139.937	ug/l	100
86) p-Isopropyltoluene	13.37	119	1001333	139.513	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	473696	139.237	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	481521	140.648	ug/l	99
89) n-Butylbenzene	13.69	91	1040867	143.110	ug/l	99
90) Hexachloroethane	13.95	117	198531	138.416	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	448907	141.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	47247	127.177	ug/l	95
93) 1,2,4-Trichlorobenzene	15.00	180	284703	140.922	ug/l	100

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.10	225	133139	143.682	ug/l	99
95) Naphthalene	15.23	128	794360	143.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	261810	144.360	ug/l	98

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

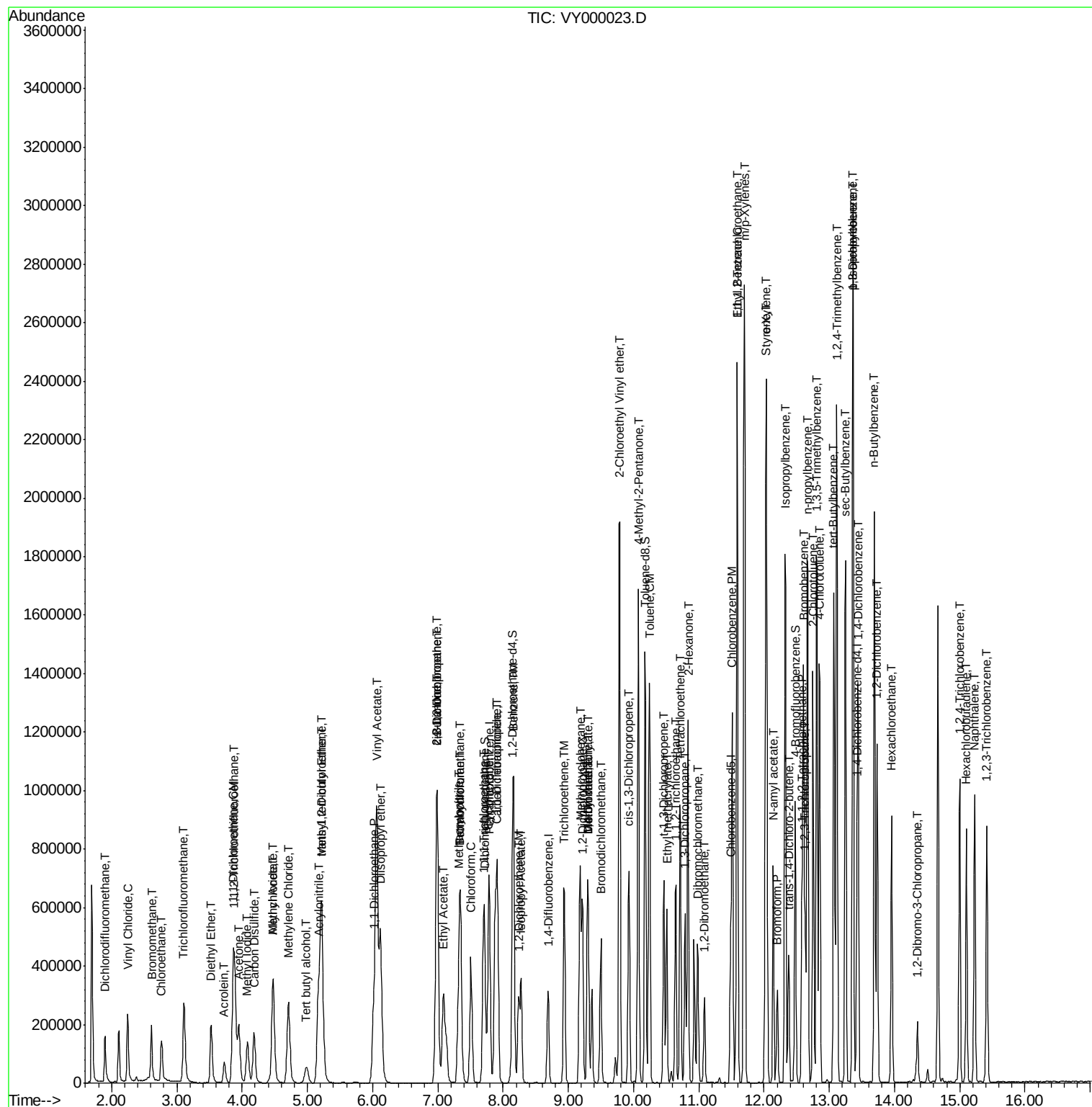
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
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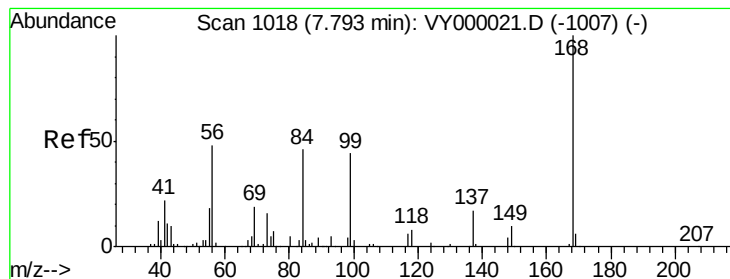
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Manual Integrations
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9/13/2019 11:53:57 PM

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Quant Title : SW846 8260
QLast Update : Thu Sep 12 15:35:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 147205

Ion Ratio Lower Upper

168 100

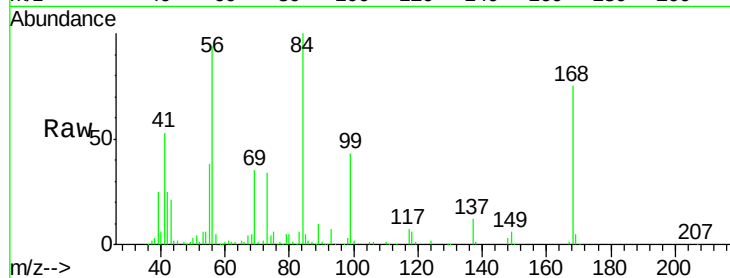
99 56.8 46.3 69.5

Manual Integrations

APPROVED

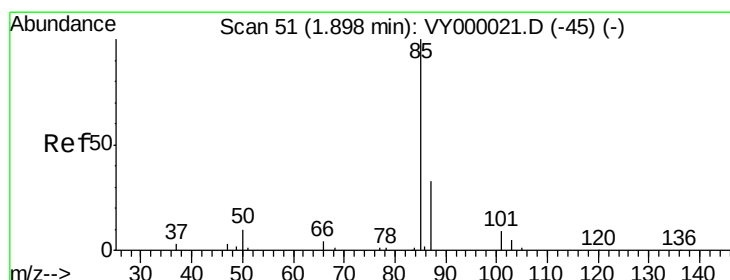
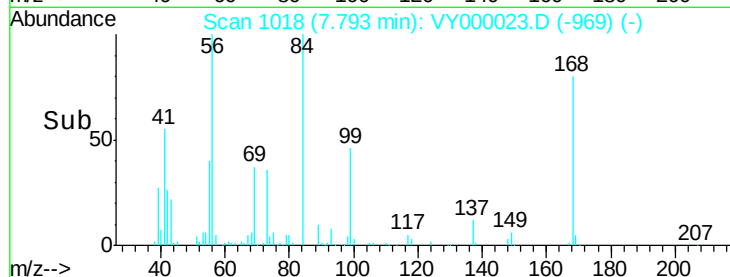
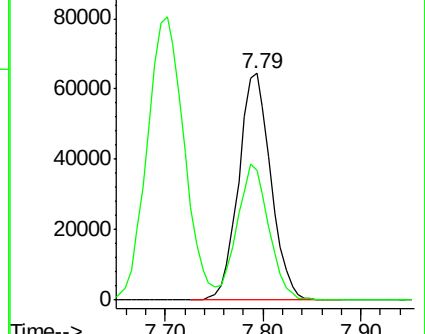
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 130.197 ug/l

RT: 1.90 min Scan# 51

Delta R.T. -0.00 min

Lab File: VY000023.D

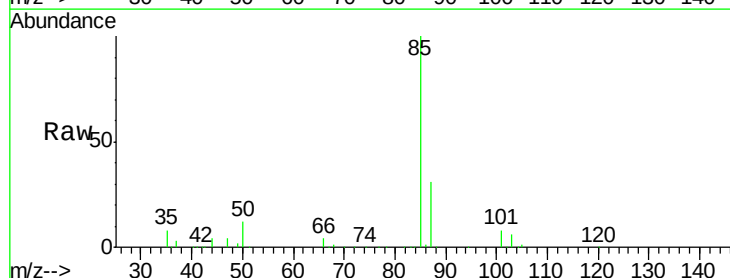
Acq: 12 Sep 2019 13:16

Tgt Ion: 85 Resp: 141335

Ion Ratio Lower Upper

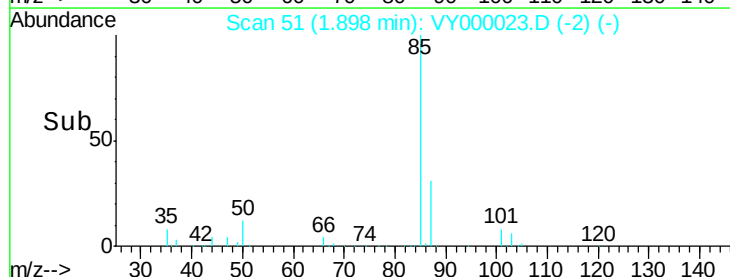
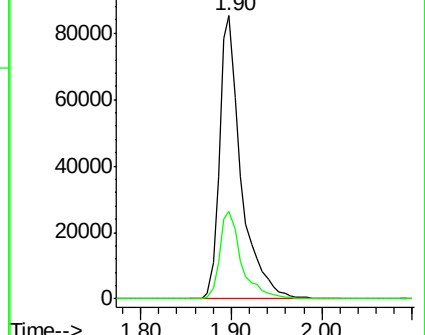
85 100

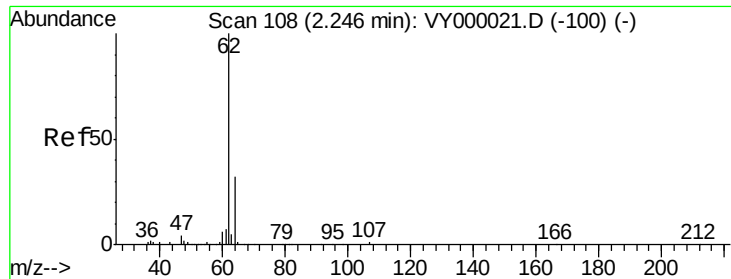
87 31.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#4

Vinyl Chloride

Concen: 138.567 ug/l

RT: 2.25 min Scan# 108

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 228099

Ion Ratio Lower Upper

62 100

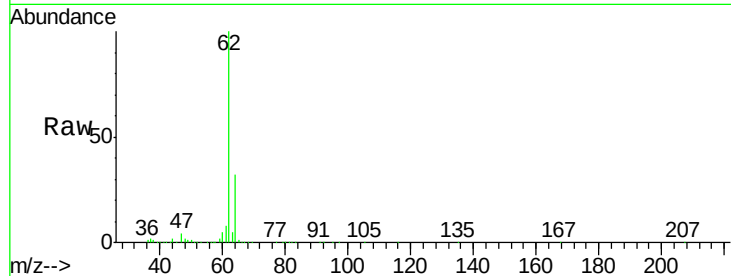
64 32.2 26.1 39.1

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

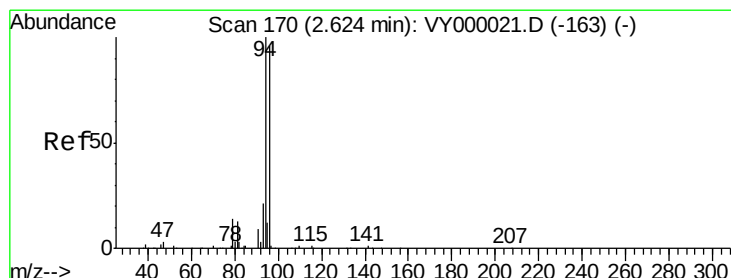
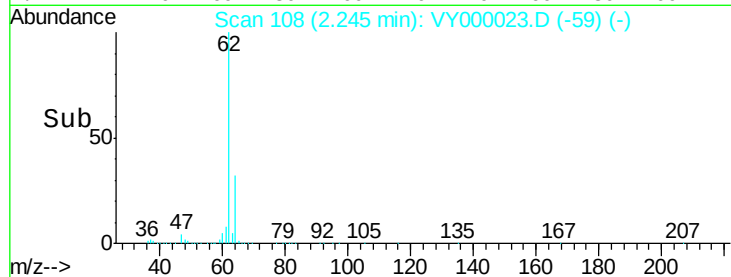
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 103.388 ug/l

RT: 2.61 min Scan# 168

Delta R.T. -0.01 min

Lab File: VY000023.D

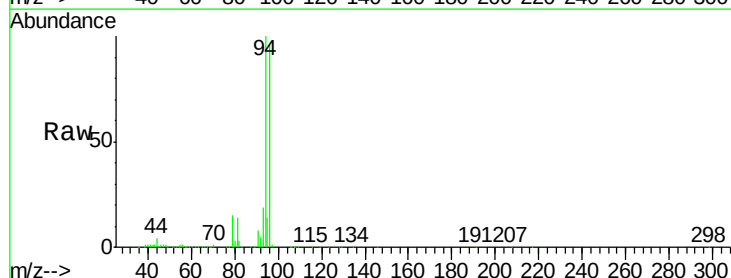
Acq: 12 Sep 2019 13:16

Tgt Ion: 94 Resp: 108174

Ion Ratio Lower Upper

94 100

96 96.0 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.61

80000

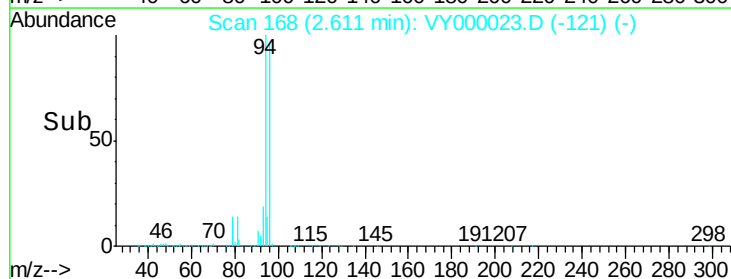
60000

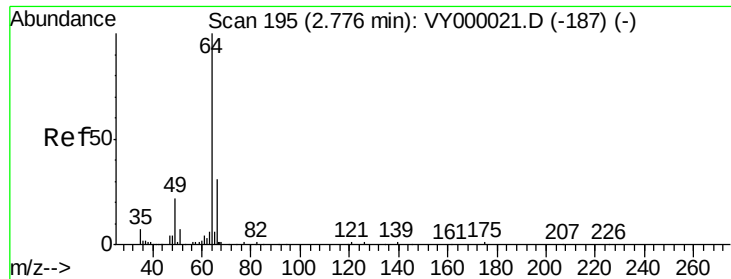
40000

20000

0

Time-->





#6

Chloroethane

Concen: 138.409 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 64 Resp: 151680

Ion Ratio Lower Upper

64 100

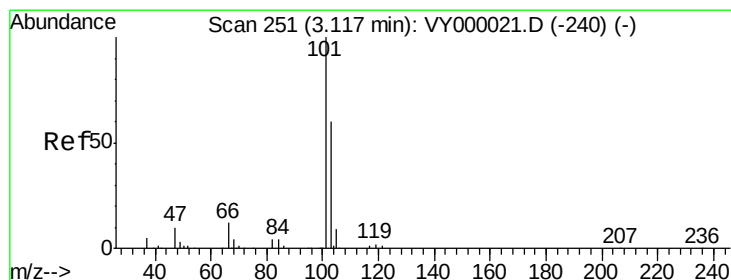
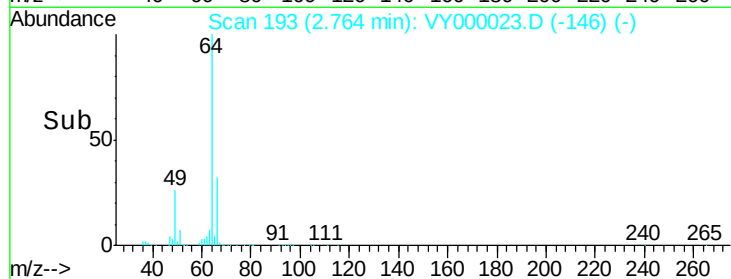
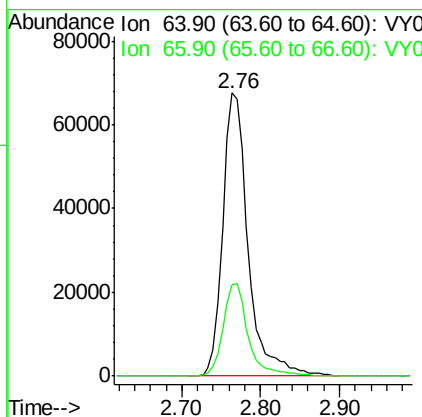
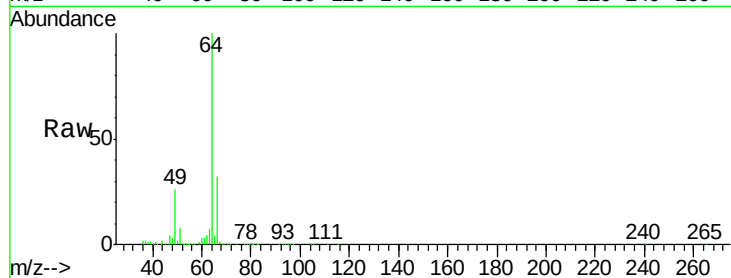
66 32.3 25.0 37.6

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 136.748 ug/l

RT: 3.11 min Scan# 250

Delta R.T. -0.01 min

Lab File: VY000023.D

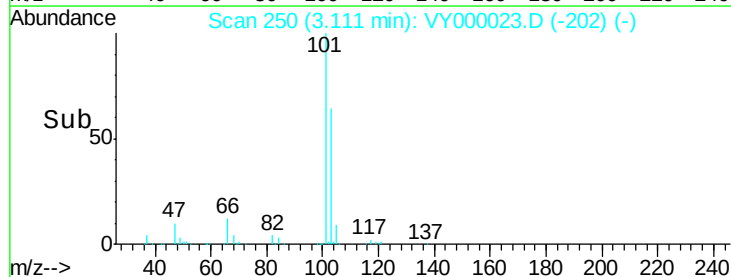
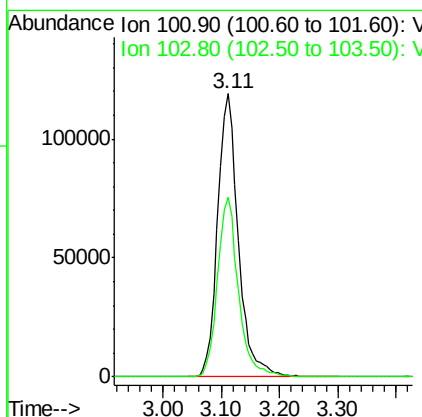
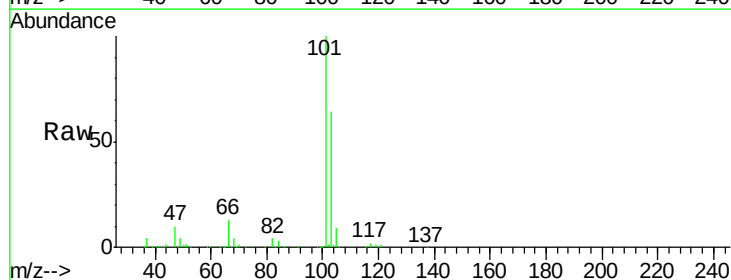
Acq: 12 Sep 2019 13:16

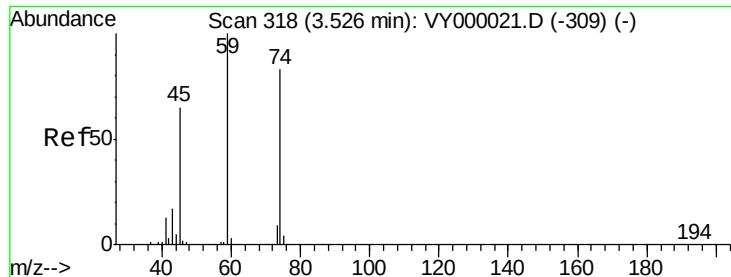
Tgt Ion: 101 Resp: 292499

Ion Ratio Lower Upper

101 100

103 63.7 48.1 72.1





#8

Diethyl Ether

Concen: 142.369 ug/l

RT: 3.53 min Scan# 318

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 125145

Ion Ratio Lower Upper

74 100

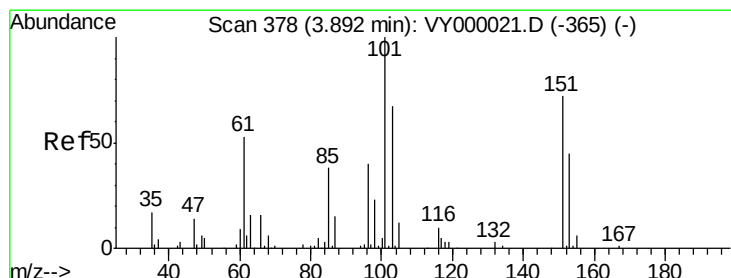
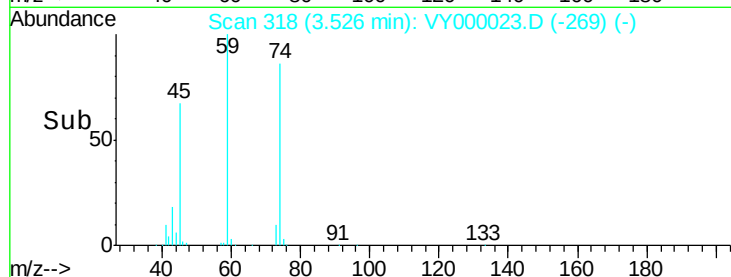
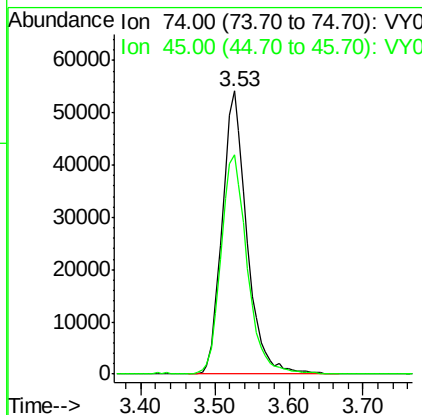
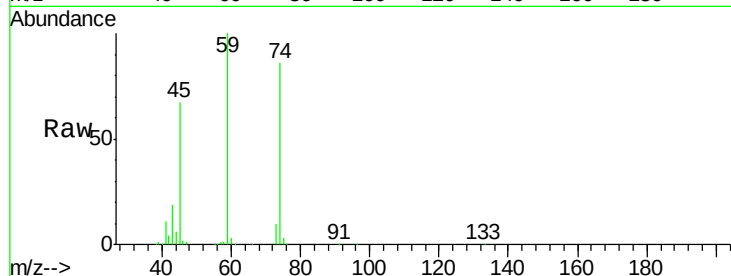
45 81.7 41.9 125.6

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.955 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

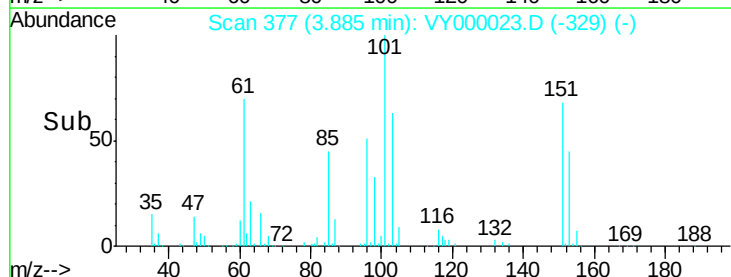
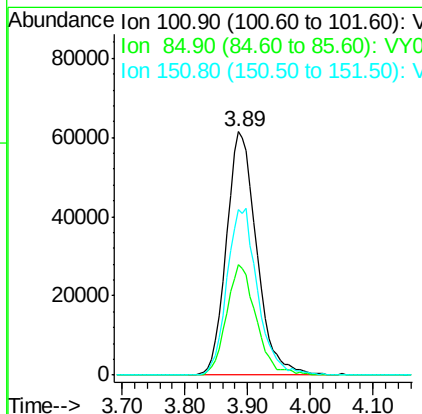
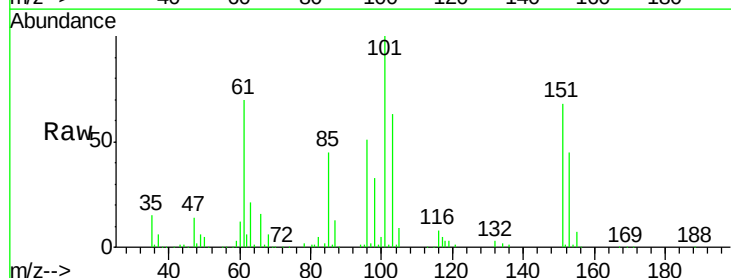
Tgt Ion: 101 Resp: 205173

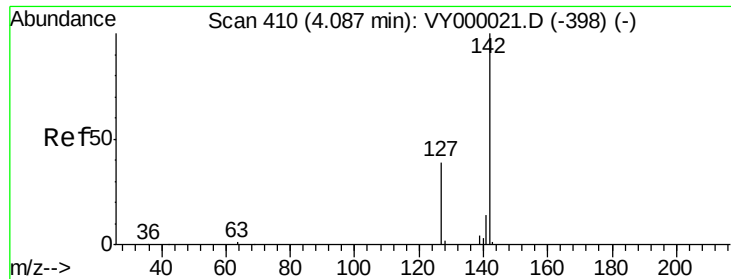
Ion Ratio Lower Upper

101 100

85 44.2 35.3 52.9

151 69.5 55.9 83.9





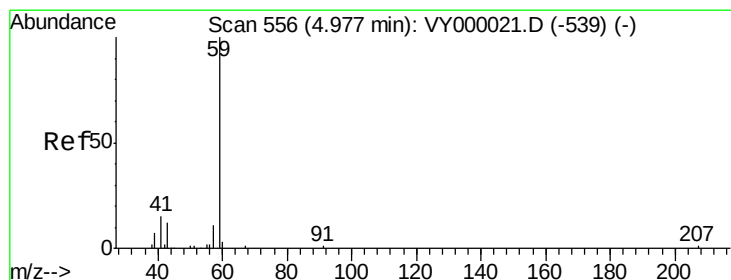
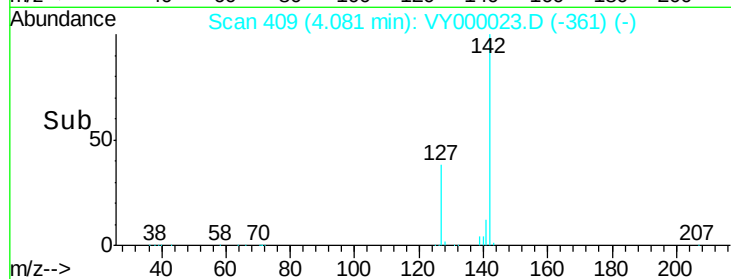
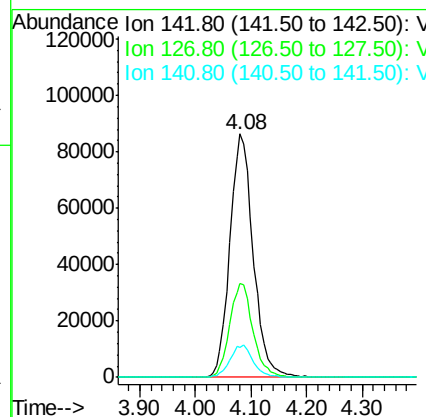
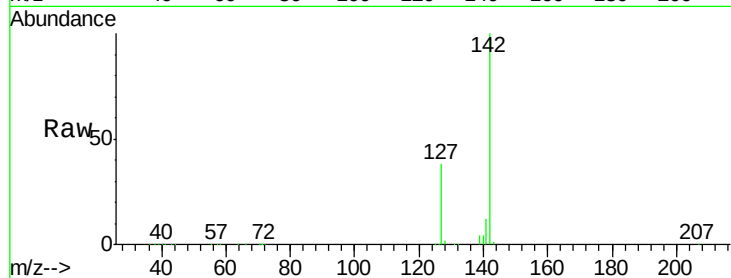
#10
Methvl Iodide
Concen: 156.865 ug/l
RT: 4.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
142	100	249685		
127	38.5		31.4	47.2
141	13.2		10.6	16.0

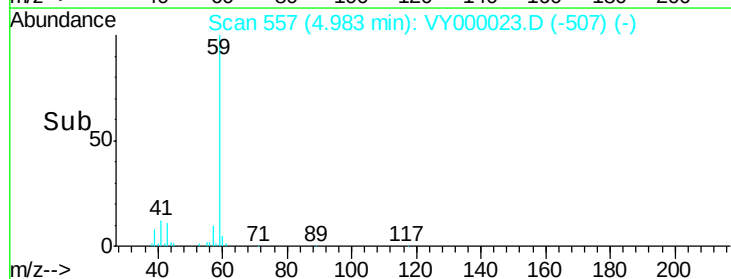
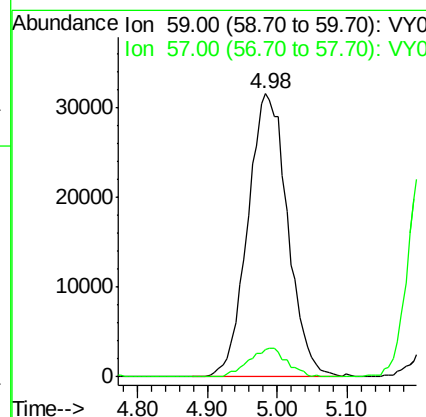
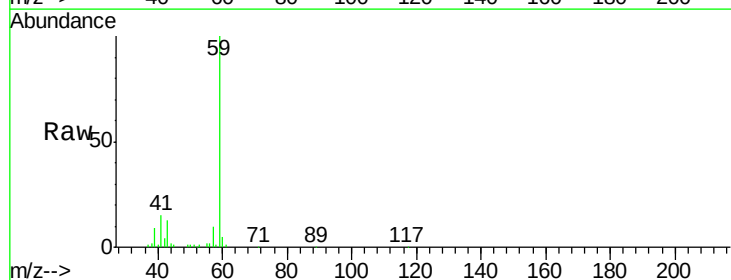
Manual Integrations
APPROVED

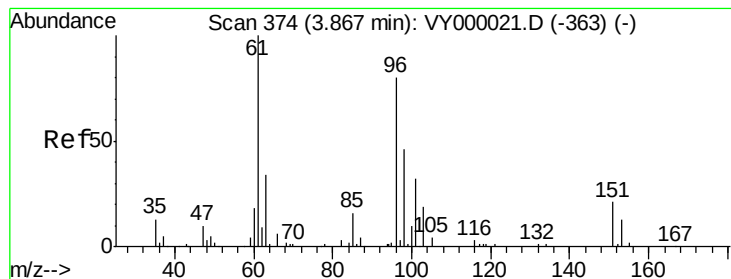
MMDadoda
9/13/2019 11:53:57 PM



#11
Tert butyl alcohol
Concen: 620.203 ug/l
RT: 4.98 min Scan# 557
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	125032		
57	9.9		8.3	12.5





#12

1,1-Dichloroethene

Concen: 138.431 ug/l

RT: 3.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

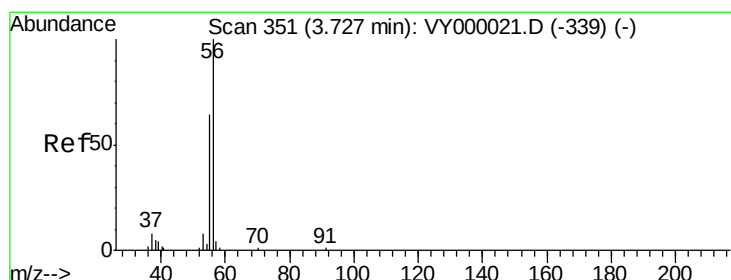
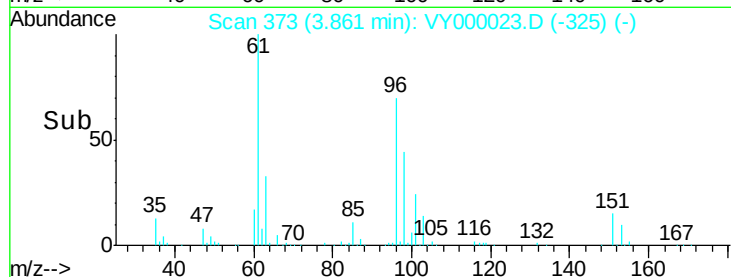
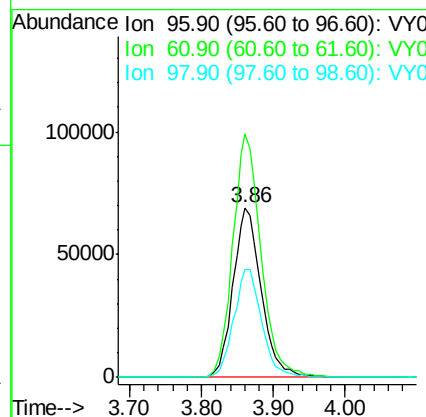
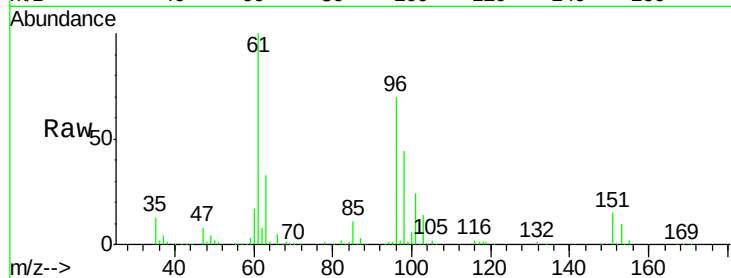
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	187791
Ion	Ratio	Lower	Upper
96	100		
61	143.4	99.8	149.6
98	63.6	46.3	69.5

Manual Integrations
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#13

Acrolein

Concen: 598.221 ug/l

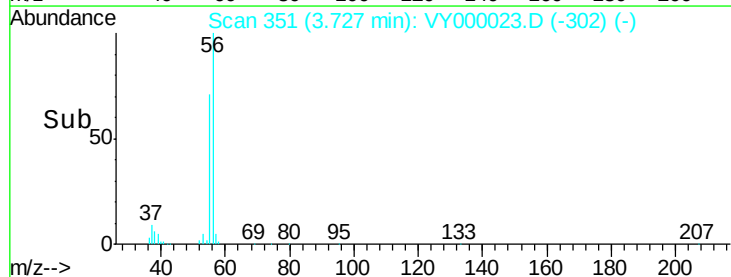
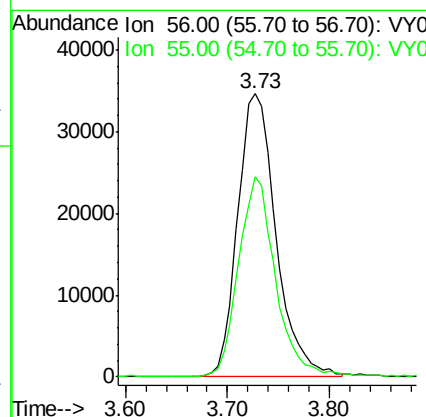
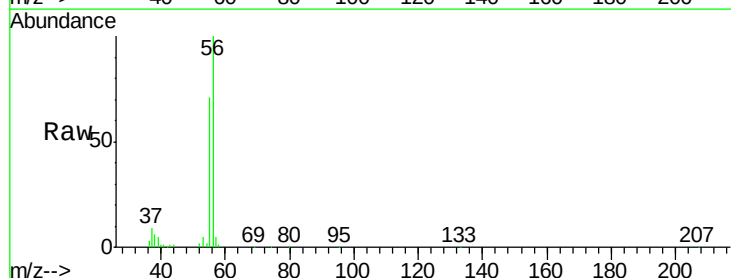
RT: 3.73 min Scan# 351

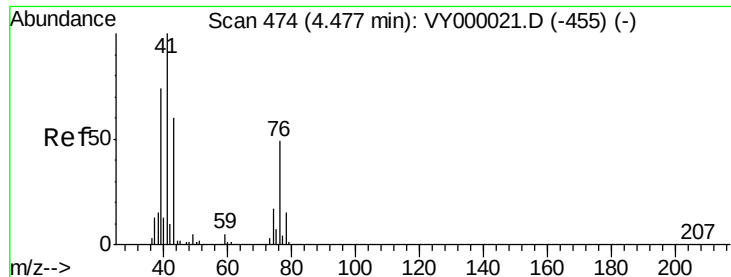
Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion:	56	Resp:	90475
Ion	Ratio	Lower	Upper
56	100		
55	68.4	56.7	85.1





#14

Allvl chloride

Concen: 140.685 ug/l

RT: 4.47 min Scan# 473

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

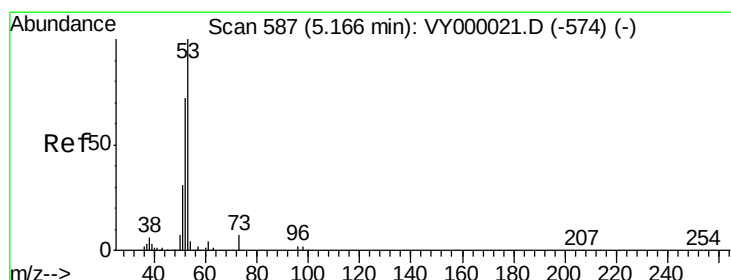
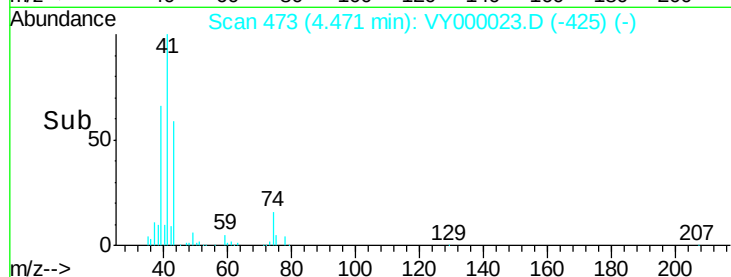
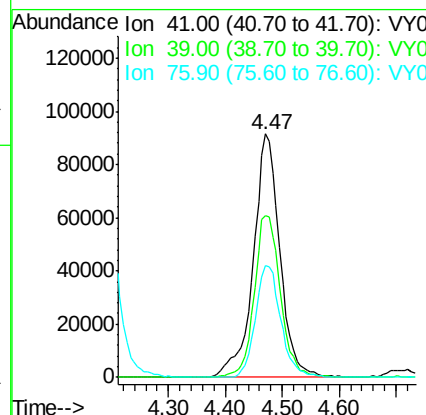
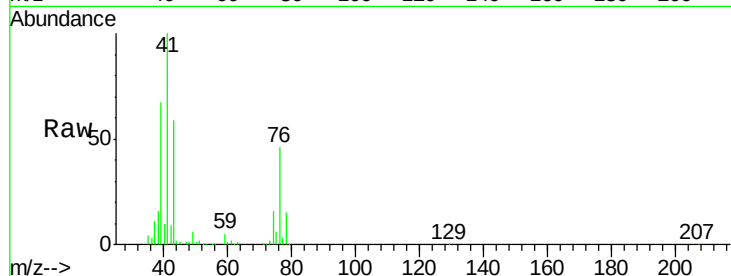
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	296323
Ion Ratio		Lower	Upper
41	100		
39	65.7	53.1	79.7
76	43.9	34.9	52.3

Manual Integrations
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#15

Acrylonitrile

Concen: 708.238 ug/l

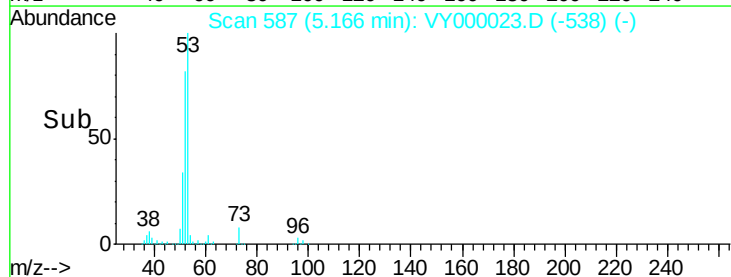
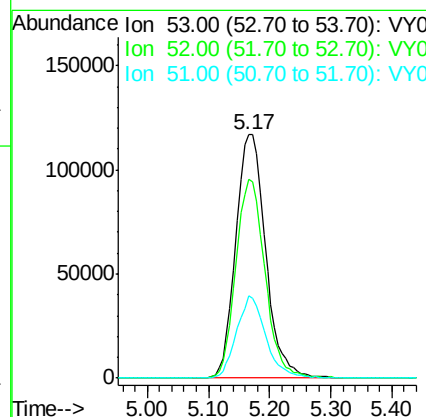
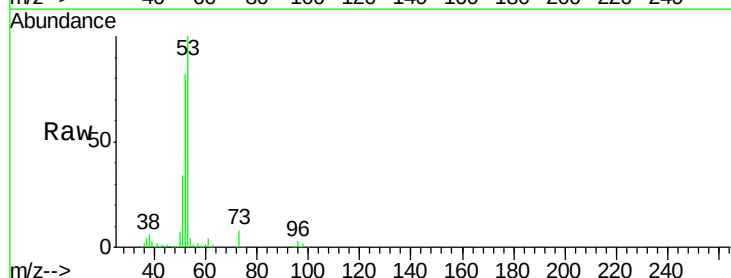
RT: 5.17 min Scan# 587

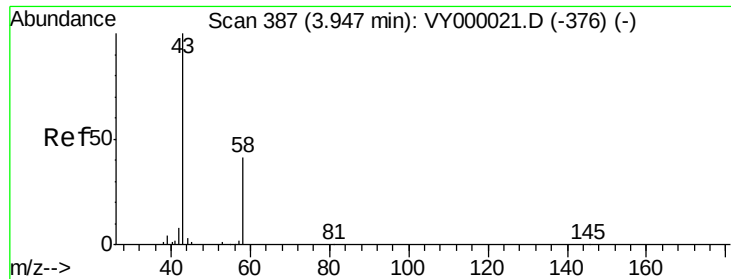
Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion:	53	Resp:	395006
Ion Ratio		Lower	Upper
53	100		
52	79.4	62.8	94.2
51	32.9	26.6	40.0





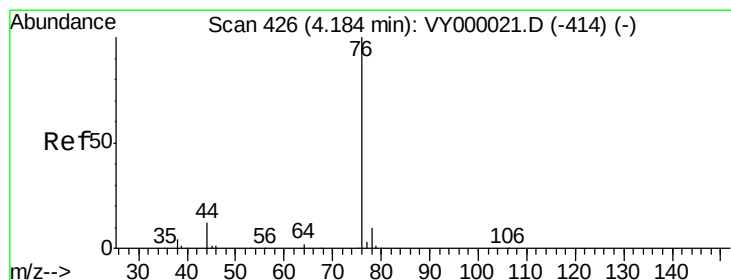
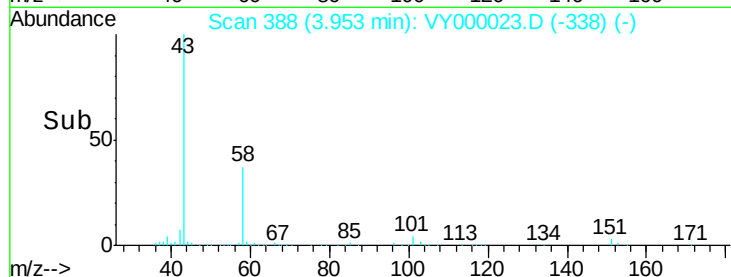
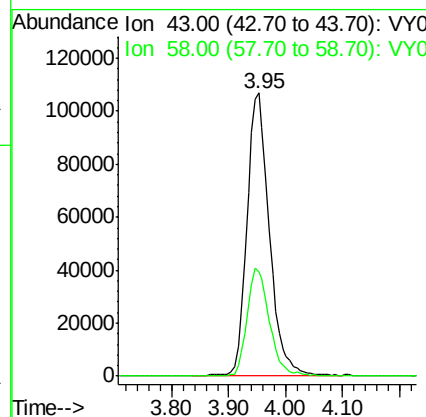
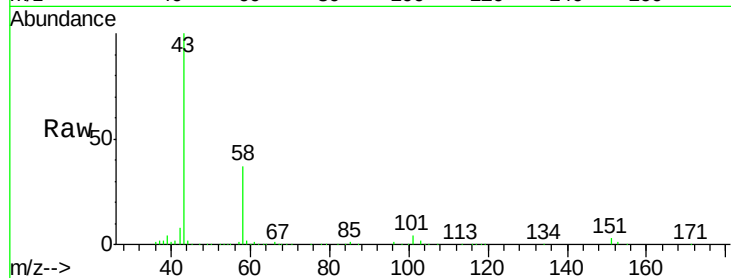
#16
Acetone
Concen: 666.810 ug/l
RT: 3.95 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 293168
Ion Ratio Lower Upper
43 100
58 36.8 32.5 48.7

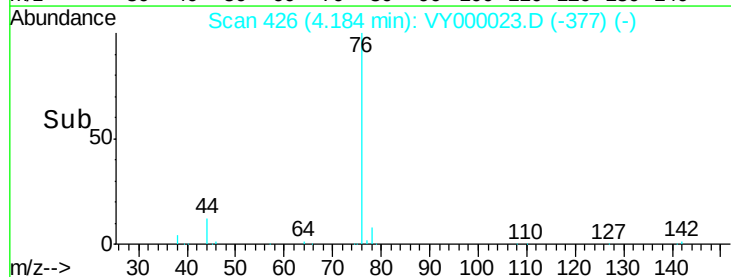
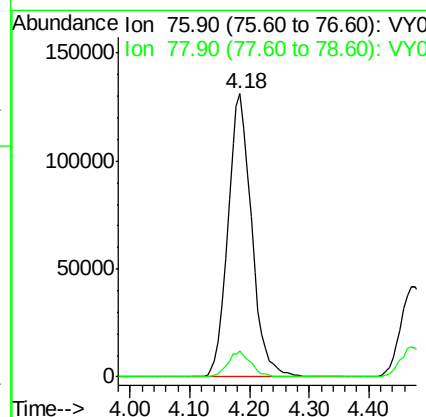
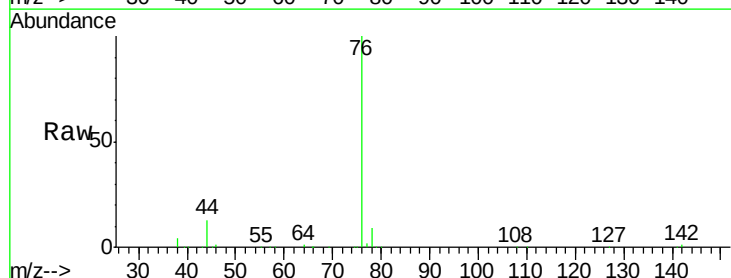
Manual Integrations
APPROVED

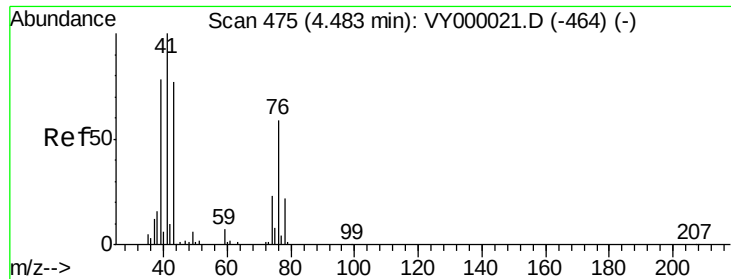
MMDadoda
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#17
Carbon Disulfide
Concen: 132.407 ug/l
RT: 4.18 min Scan# 426
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 76 Resp: 361715
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4





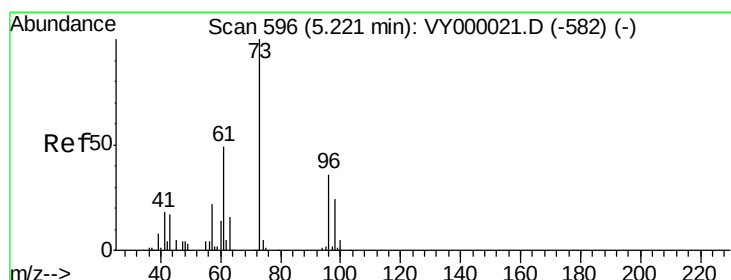
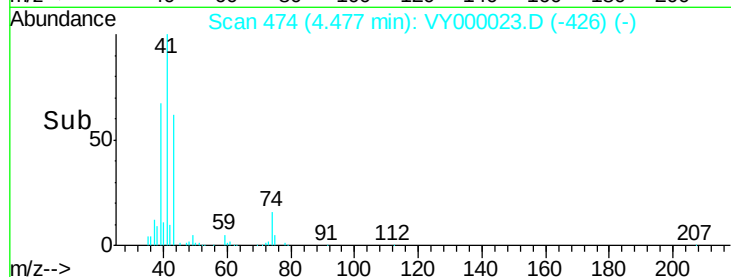
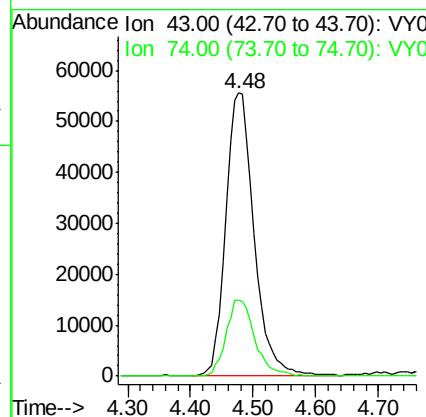
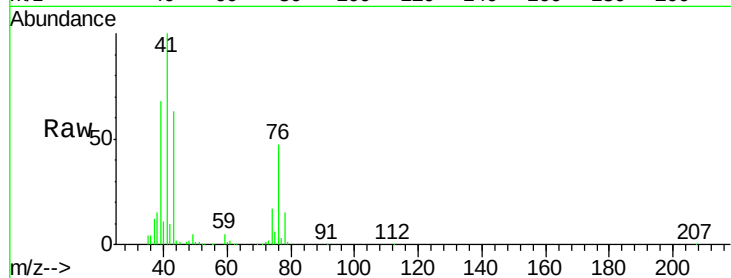
#18
Methyl Acetate
Concen: 138.978 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 171945
Ion Ratio Lower Upper
43 100
74 27.5 21.4 32.0

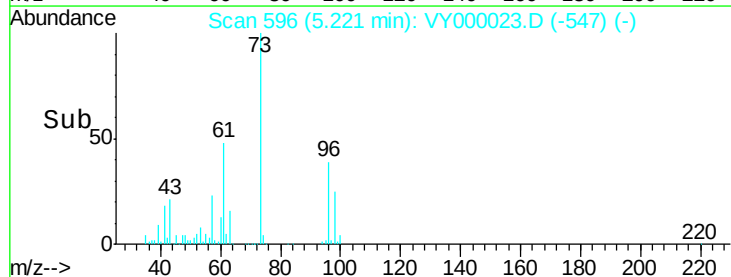
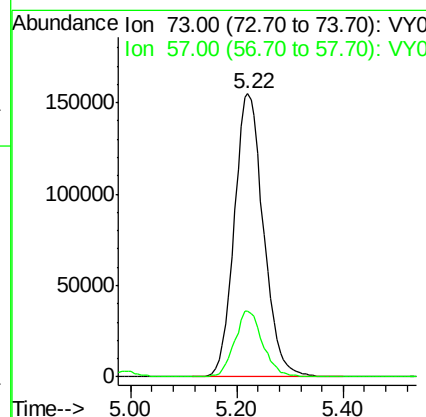
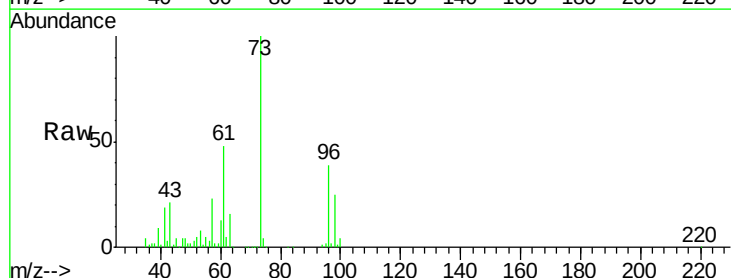
Manual Integrations
APPROVED

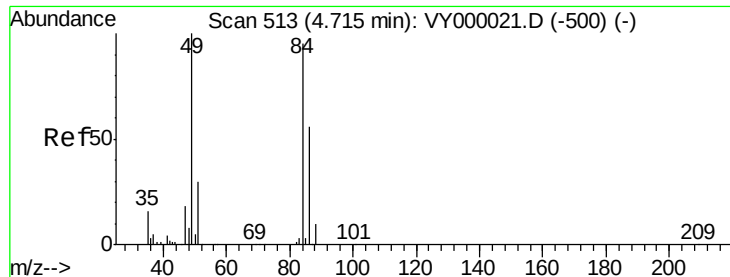
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 143.961 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 73 Resp: 591514
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8





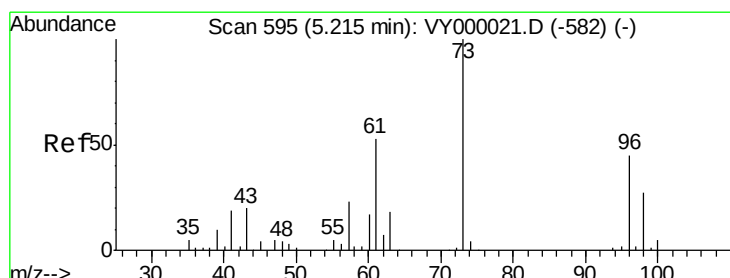
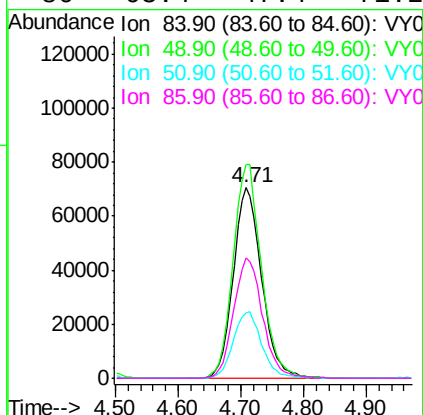
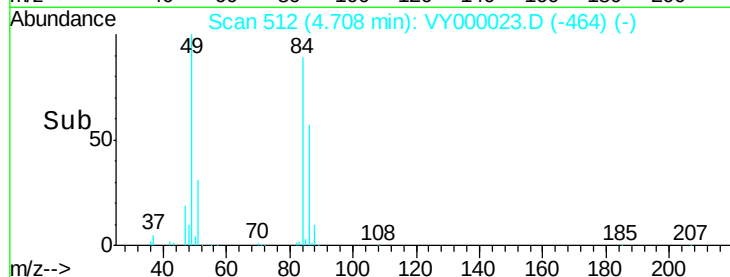
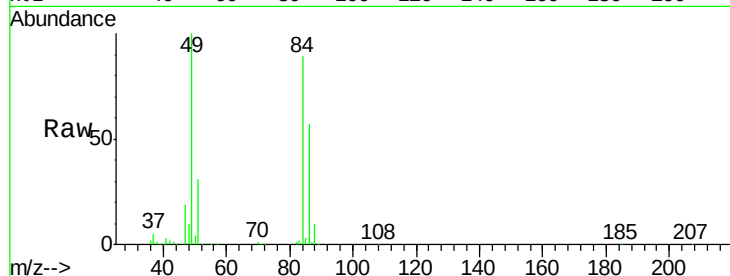
#20
Methylene Chloride
Concen: 125.890 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	84	Resp	220658
Ion Ratio	Lower	Upper	
84	100		
49	112.2	84.4	126.6
51	34.5	25.4	38.0
86	63.4	47.4	71.2

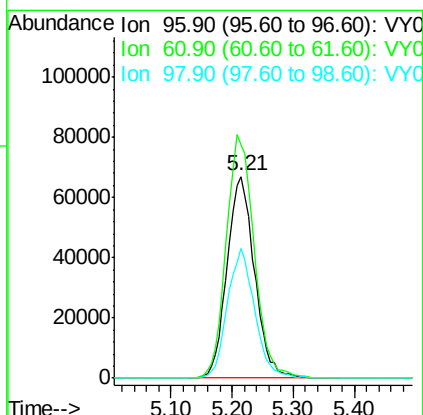
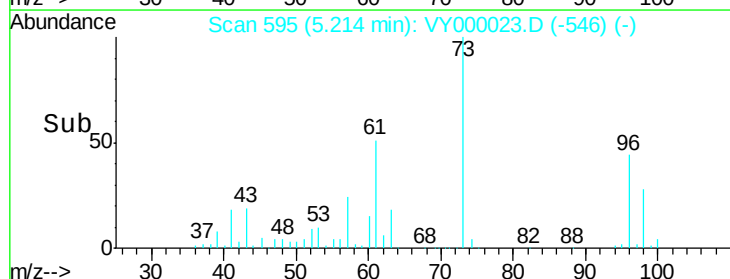
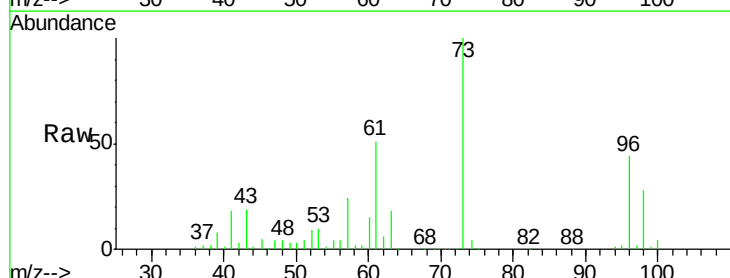
Manual Integrations
APPROVED

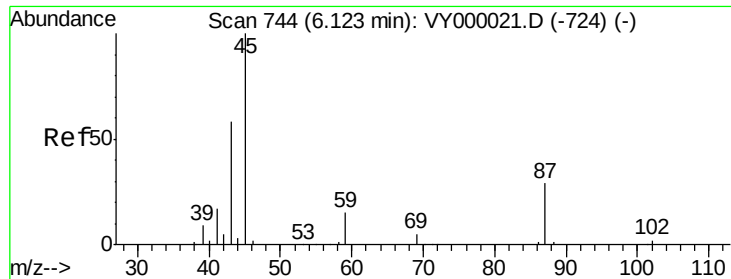
MMDadoda
9/13/2019 11:53:57 PM



#21
trans-1,2-Dichloroethene
Concen: 137.963 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	96	Resp	207233
Ion Ratio	Lower	Upper	
96	100		
61	116.0	95.3	142.9
98	64.1	48.7	73.1





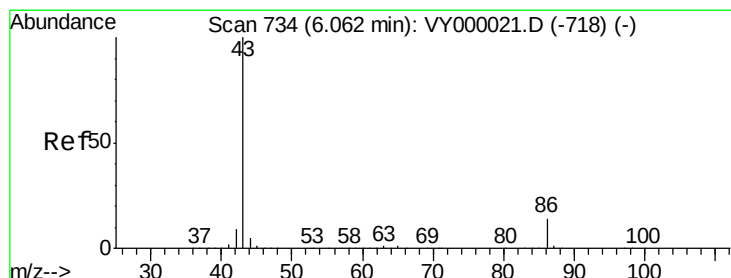
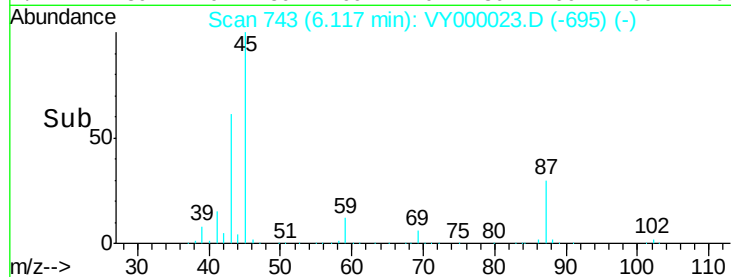
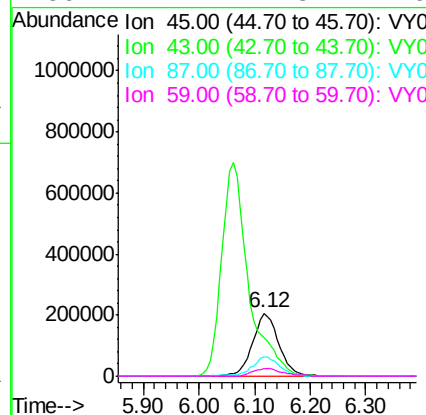
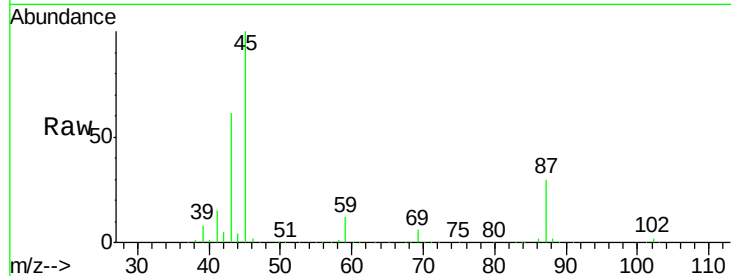
#22
Diisopropyl ether
Concen: 146.057 ug/l
RT: 6.12 min Scan# 743
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	60.3	47.0	70.4	
87	30.5	23.1	34.7	
59	12.4	11.8	17.6	

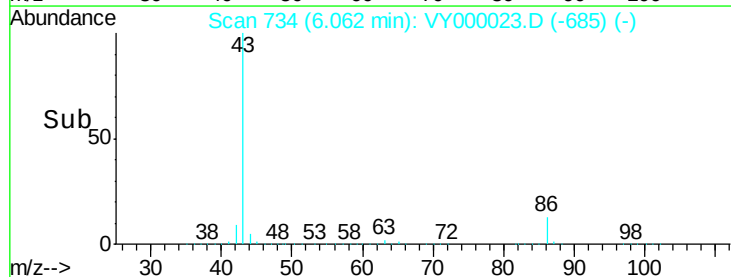
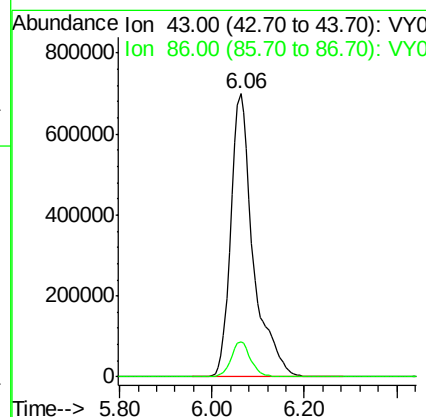
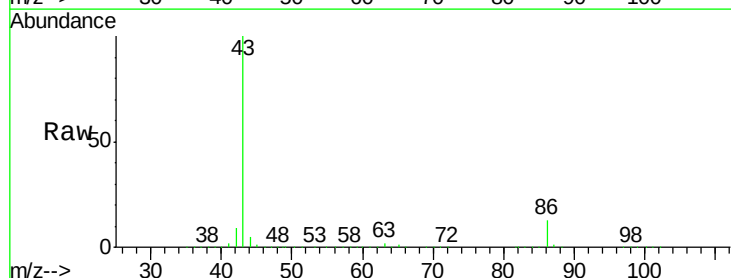
Manual Integrations
APPROVED

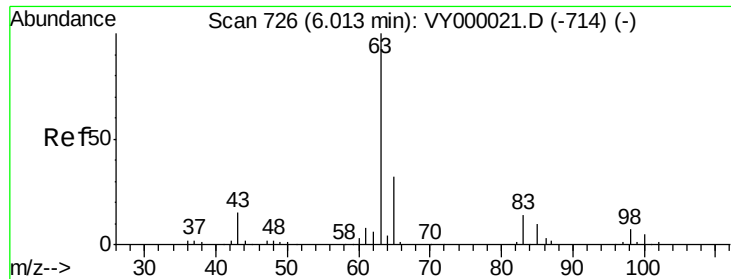
MMDadoda
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#23
Vinyl Acetate
Concen: 732.201 ug/l
RT: 6.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	12.6	11.0	16.4	





#24

1,1-Dichloroethane

Concen: 142.620 ug/l

RT: 6.02 min Scan# 727

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

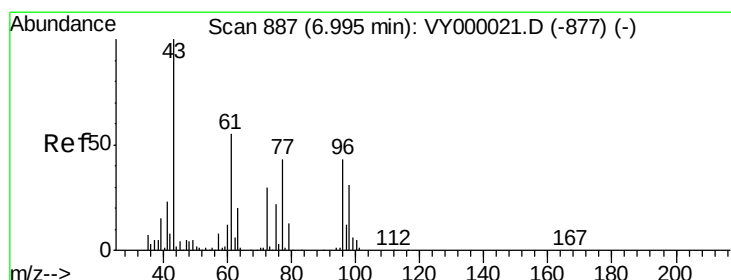
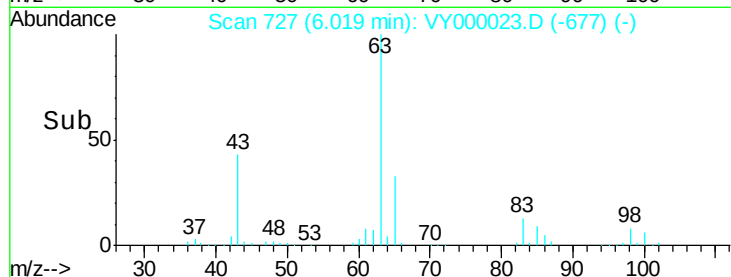
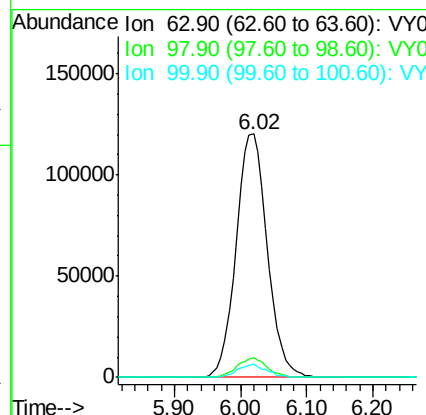
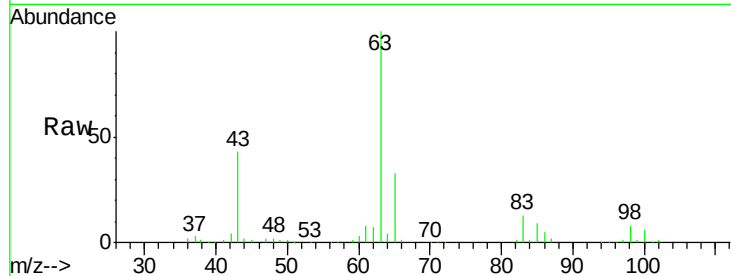
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	392976
Ion Ratio	Lower	Upper	
63	100		
98	7.9	3.8	11.2
100	5.5	2.6	8.0

Manual Integrations
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#25

2-Butanone

Concen: 676.015 ug/l

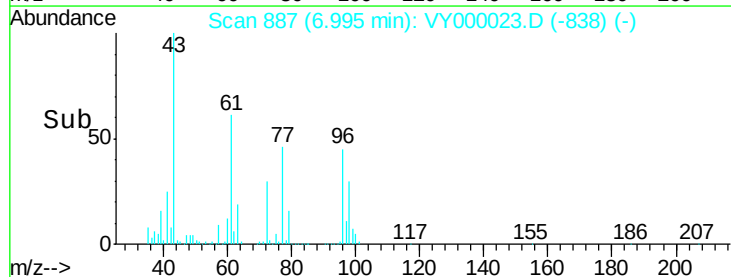
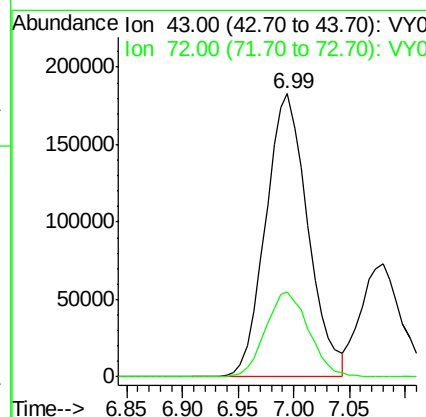
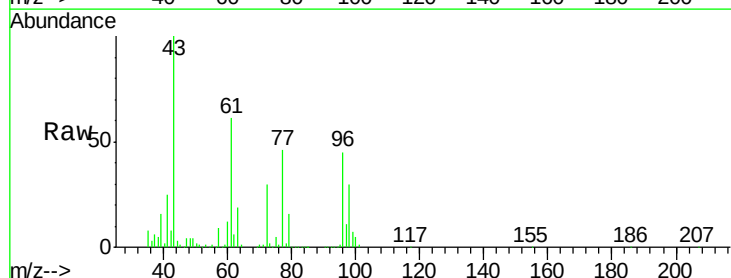
RT: 6.99 min Scan# 887

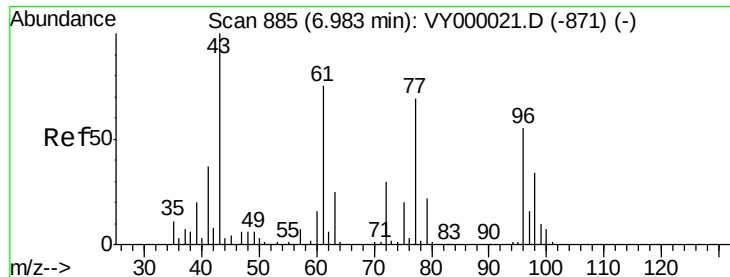
Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion:	43	Resp:	483113
Ion Ratio	Lower	Upper	
43	100		
72	30.0	24.1	36.1





#26

2,2-Dichloropropane

Concen: 133.514 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 341758

Ion Ratio Lower Upper

77 100

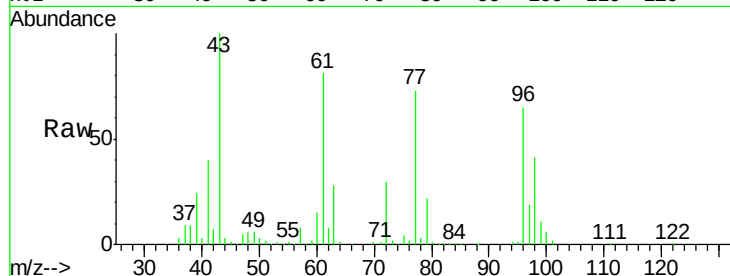
97 24.8 12.0 36.1

Manual Integrations

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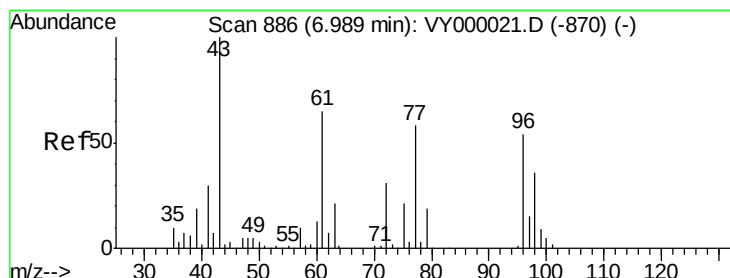
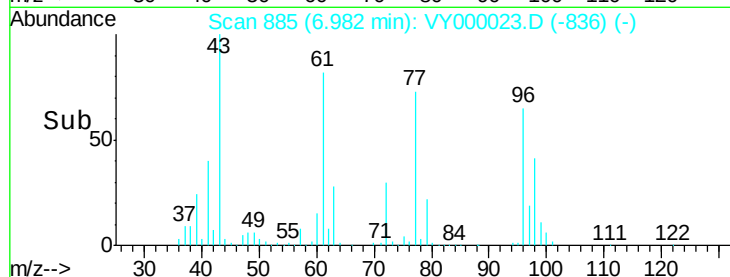
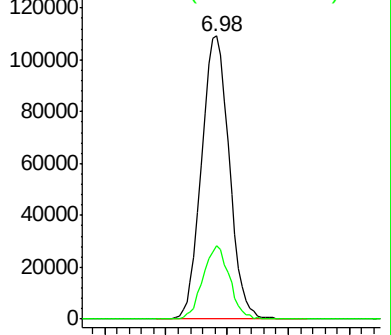
MMDadoda

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Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



#27

cis-1,2-Dichloroethene

Concen: 140.874 ug/l

RT: 6.98 min Scan# 885

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

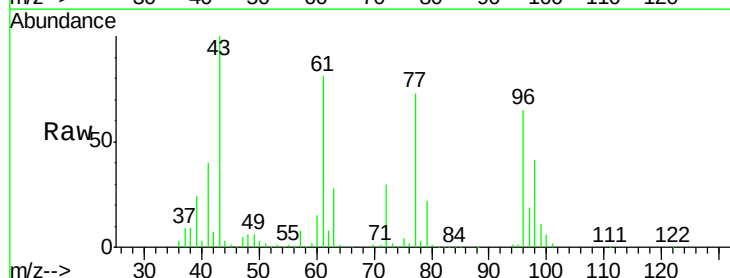
Tgt Ion: 96 Resp: 266975

Ion Ratio Lower Upper

96 100

61 132.6 0.0 259.2

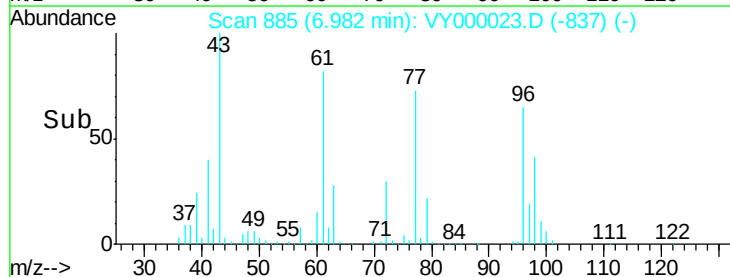
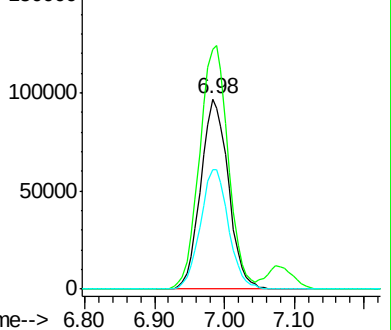
98 64.2 0.0 127.4

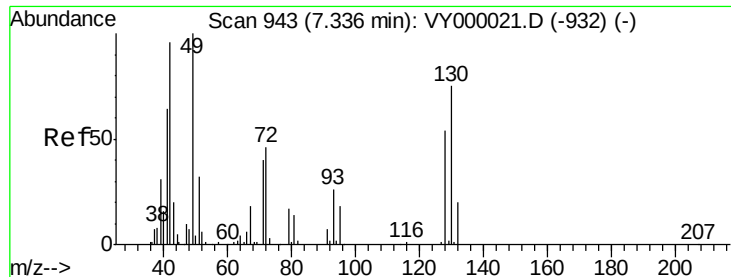


Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#28

Bromochloromethane

Concen: 153.936 ug/l

RT: 7.34 min Scan# 943

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 194795

Ion Ratio Lower Upper

49 100

129 1.9 0.0 1.8#

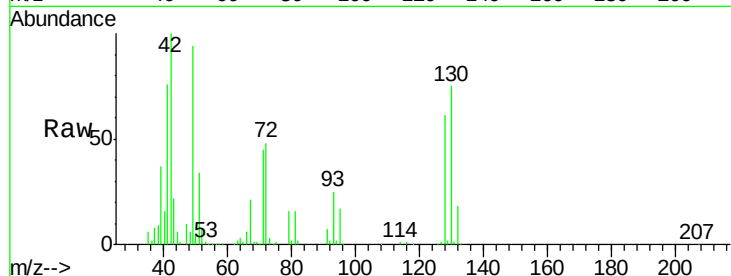
130 79.4 62.5 93.7

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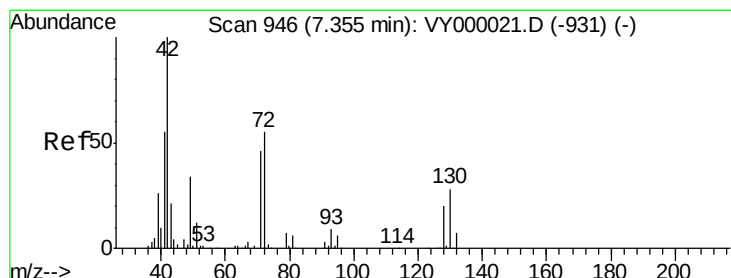
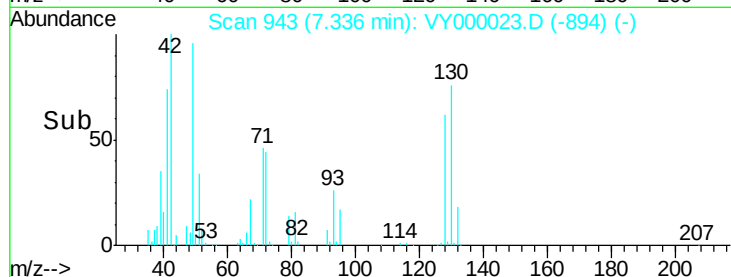
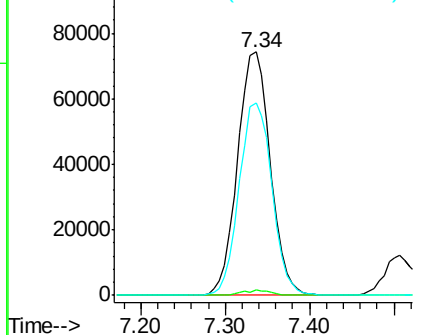
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Abundance Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0



#29

Tetrahydrofuran

Concen: 696.245 ug/l

RT: 7.35 min Scan# 945

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

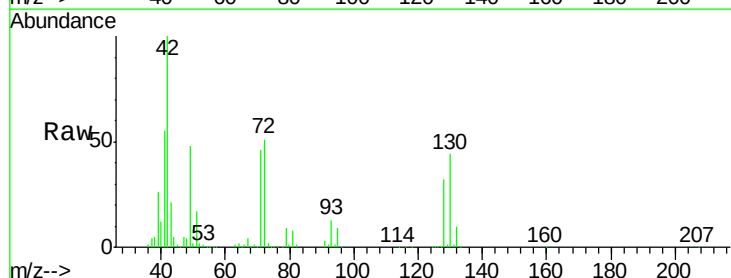
Tgt Ion: 42 Resp: 295990

Ion Ratio Lower Upper

42 100

72 49.7 41.1 61.7

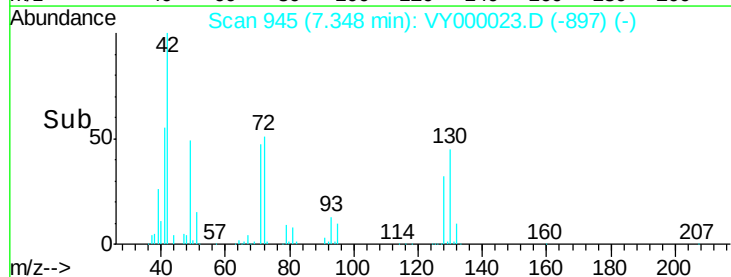
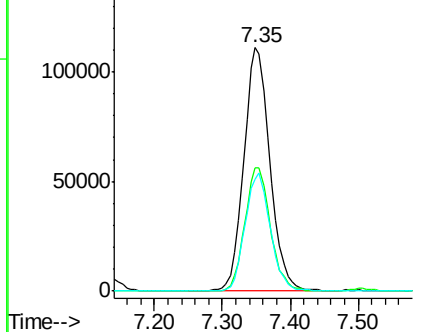
71 46.8 36.5 54.7

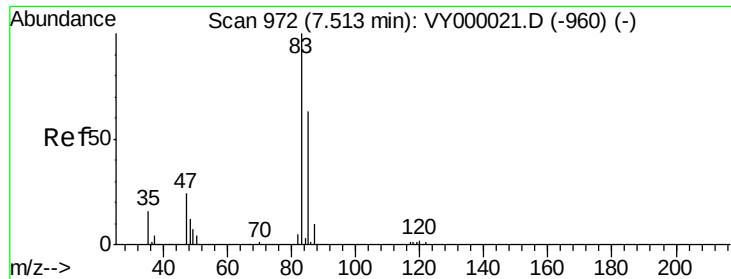


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





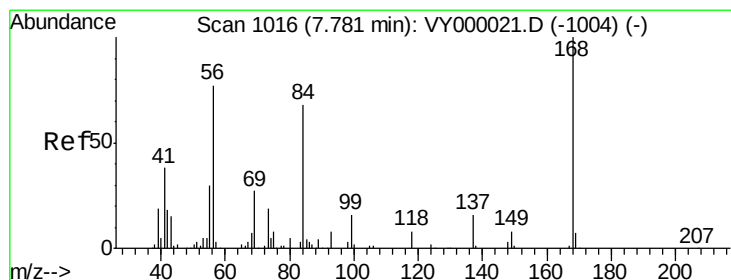
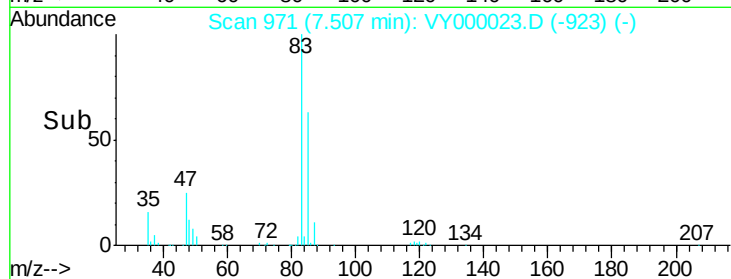
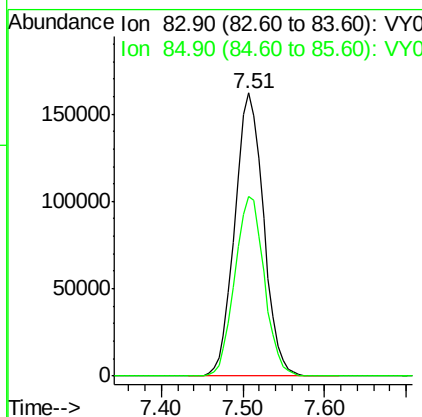
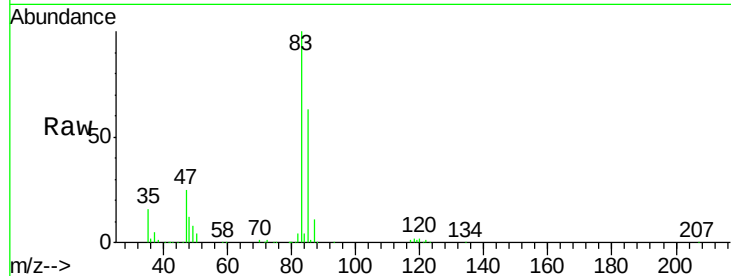
#30
Chloroform
Concen: 138.893 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	83	Resp	394657
Ion Ratio	100	Lower	Upper
85	63.5	50.6	76.0

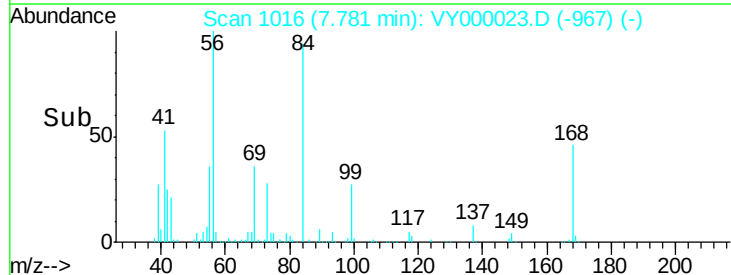
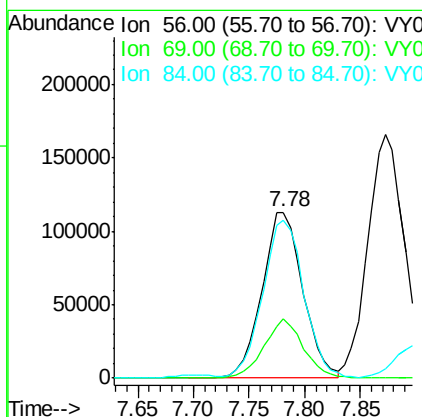
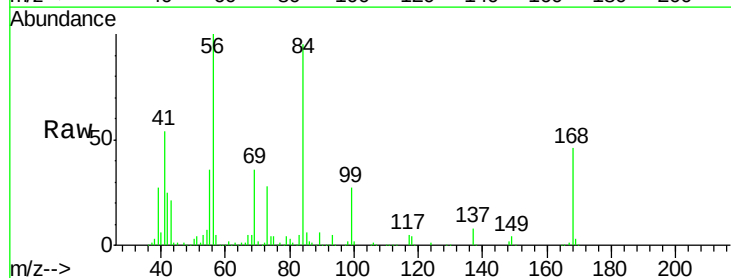
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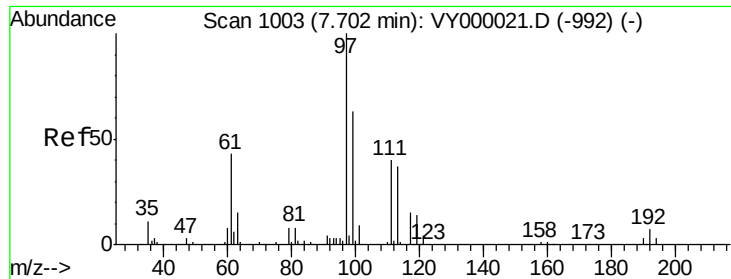
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#31
Cyclohexane
Concen: 125.702 ug/l
RT: 7.78 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	56	Resp	288667
Ion Ratio	100	Lower	Upper
69	35.7	28.0	42.0
84	93.3	70.4	105.6





#32

1,1,1-Trichloroethane

Concen: 143.281 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 333971

Ion Ratio Lower Upper

97 100

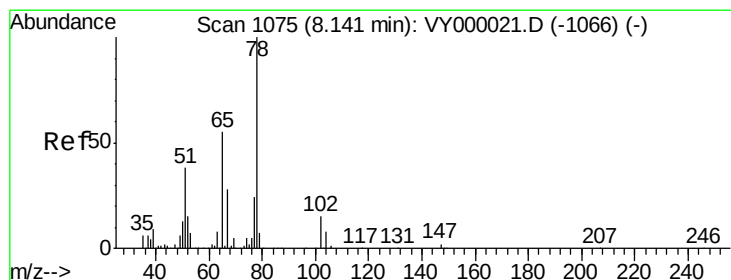
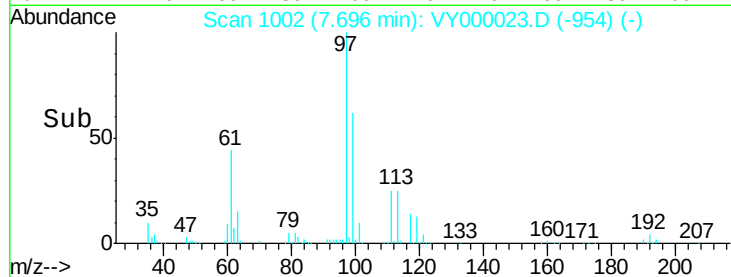
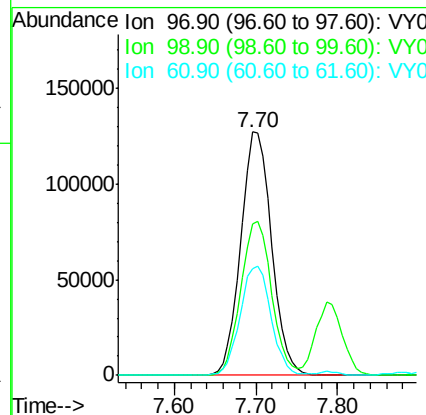
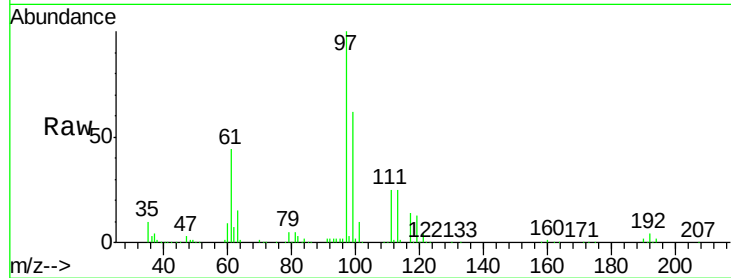
99 63.2 51.0 76.6

61 44.9 35.7 53.5

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 144.750 ug/l

RT: 8.14 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY000023.D

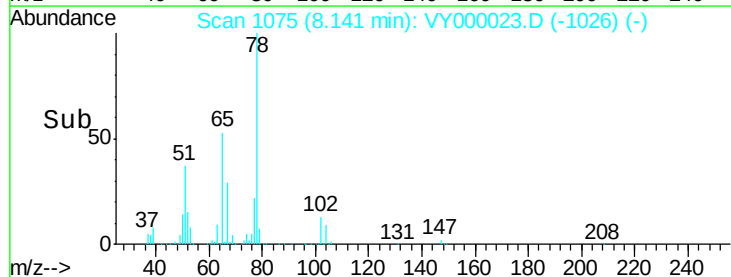
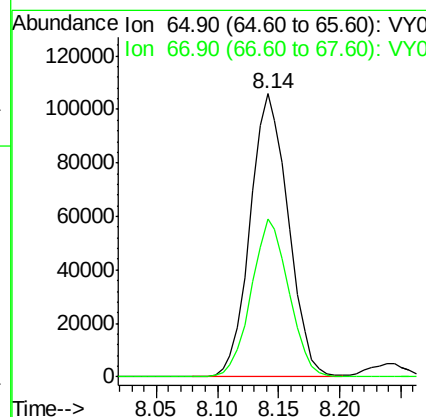
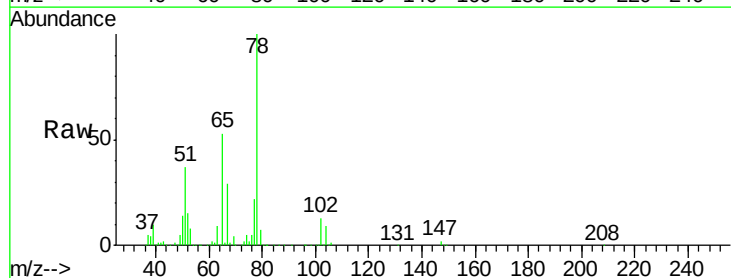
Acq: 12 Sep 2019 13:16

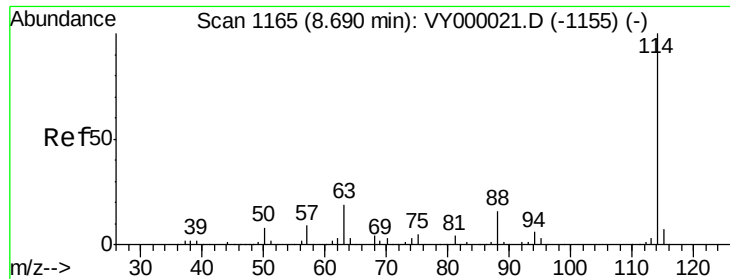
Tgt Ion: 65 Resp: 229530

Ion Ratio Lower Upper

65 100

67 54.9 0.0 104.4





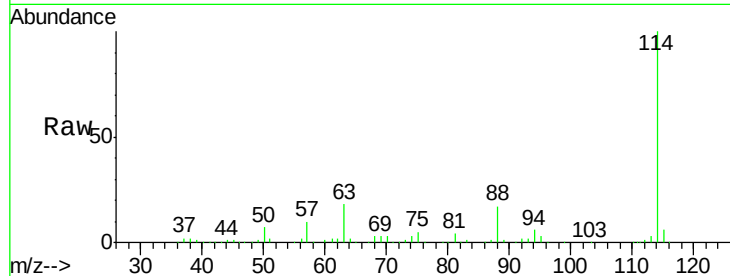
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
114	100	273247		
63	18.5	0.0	38.6	
88	16.5	0.0	31.8	

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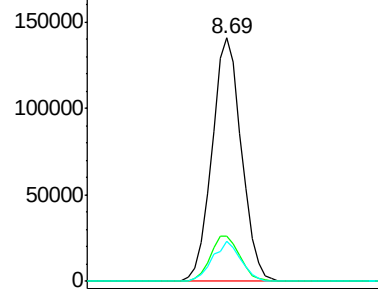
MMDadoda
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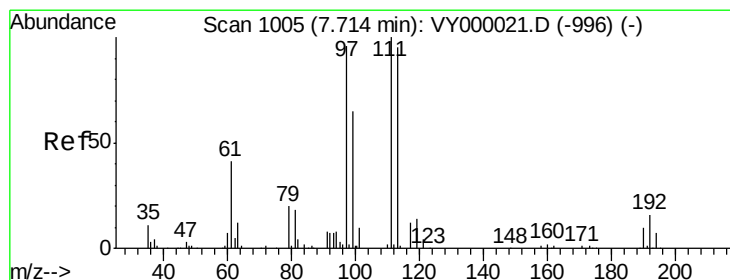
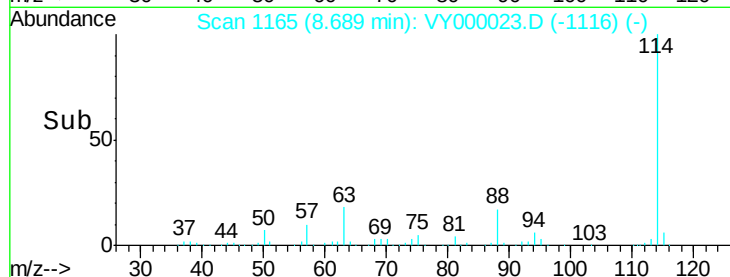
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

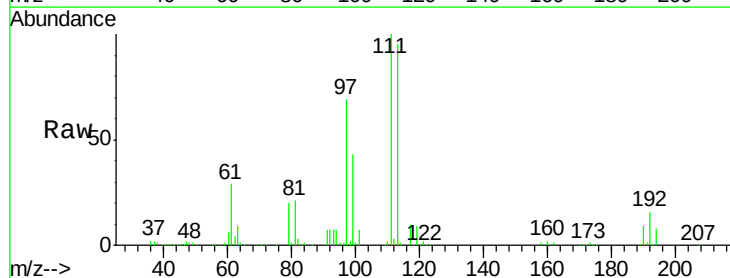


Time-->



#35
 Dibromofluoromethane
 Concen: 141.993 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

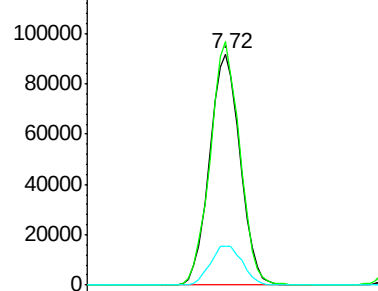
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	222589		
111	102.1	83.9	125.9	
192	17.9	14.5	21.7	



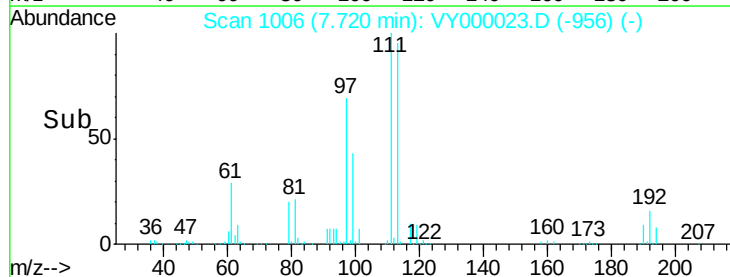
Abundance Ion 112.80 (112.50 to 113.50): V

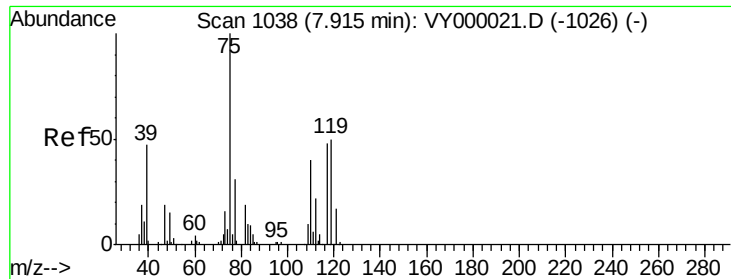
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->





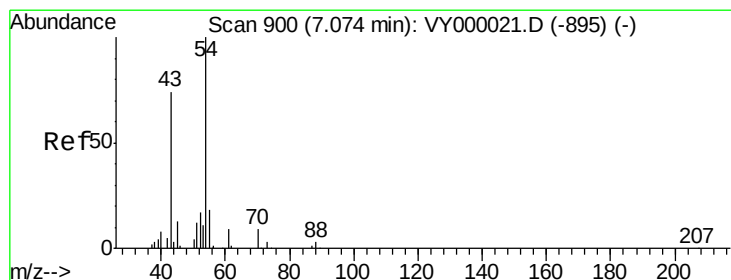
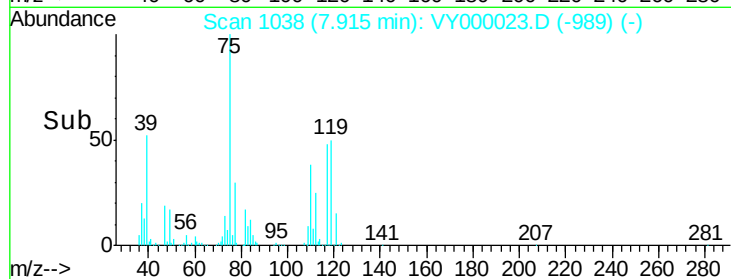
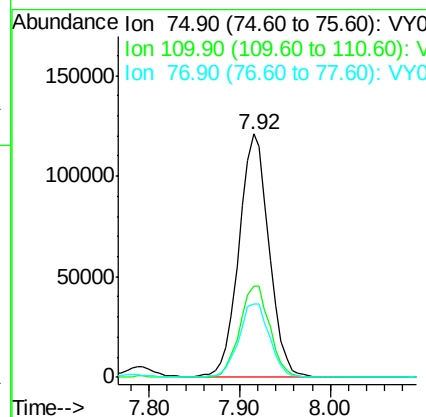
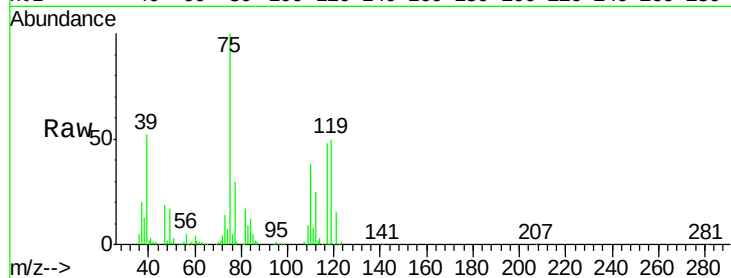
#36
 1,1-Dichloropropene
 Concen: 138.648 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.6	55.8
77	31.3	24.4	36.6

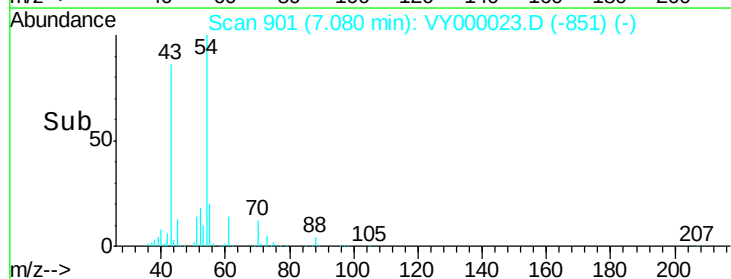
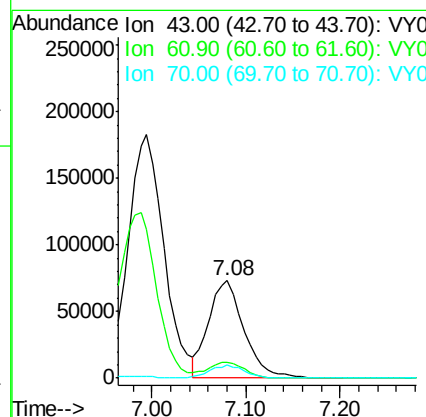
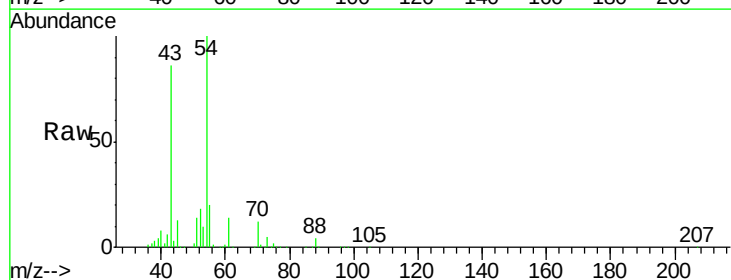
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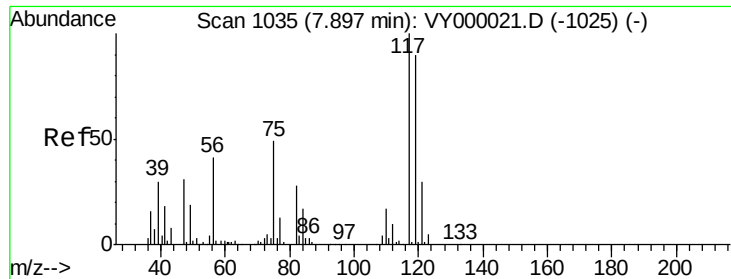
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#37
 Ethyl Acetate
 Concen: 141.053 ug/l
 RT: 7.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.1	19.7
70	13.5	10.9	16.3





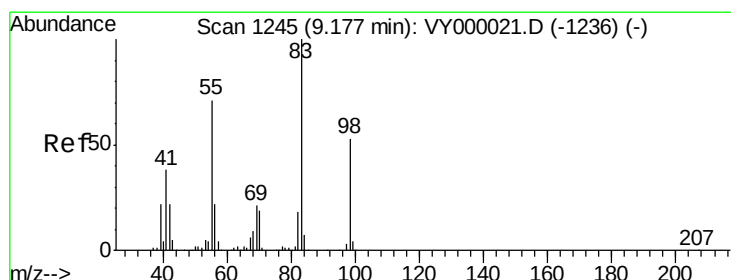
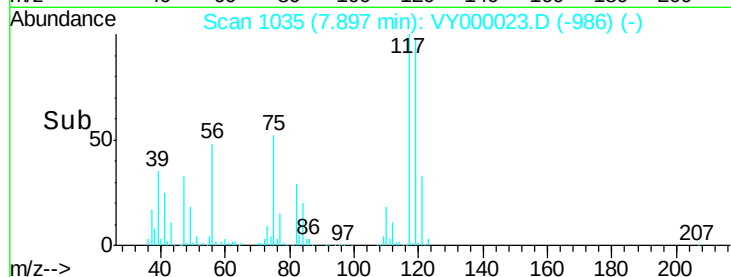
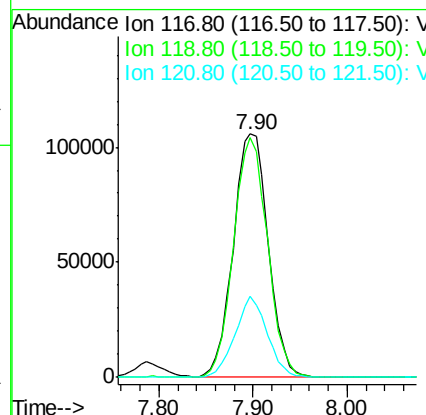
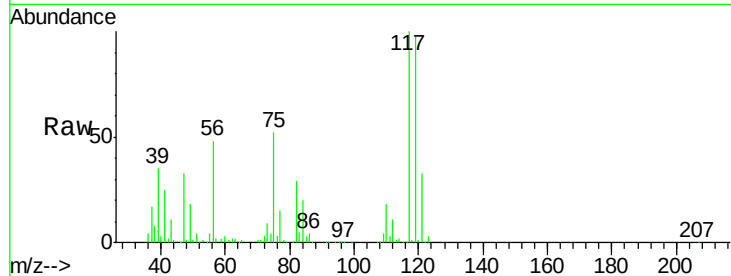
#38
Carbon Tetrachloride
Concen: 144.739 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.4	72.1	108.1
121	33.3	23.9	35.9

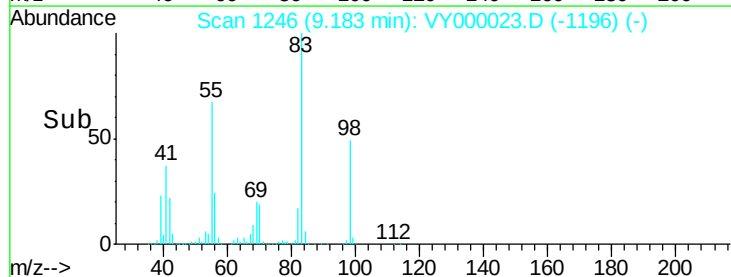
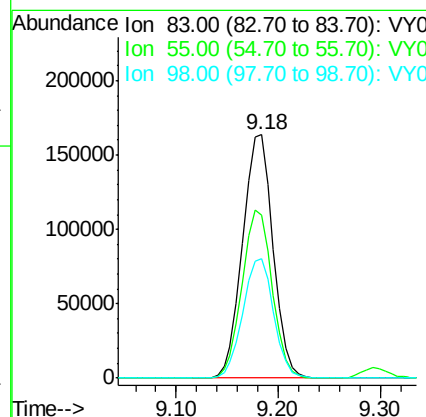
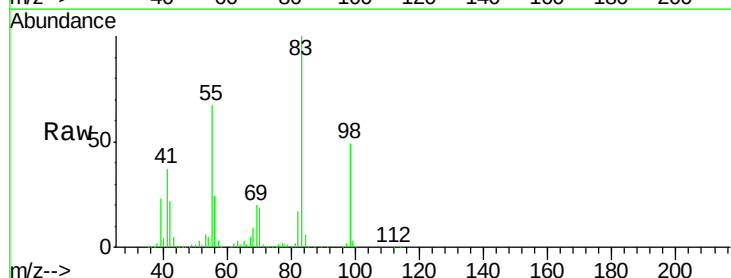
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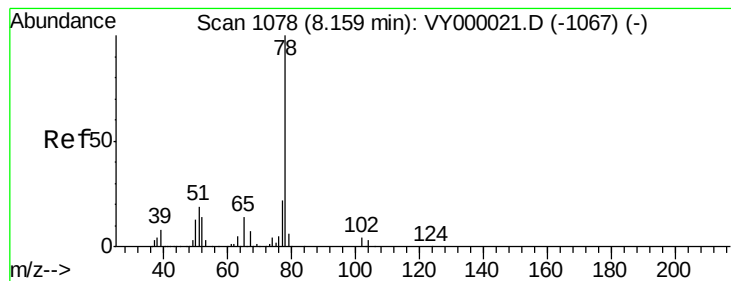
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#39
Methylcyclohexane
Concen: 136.863 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	67.2	57.0	85.4
98	48.8	42.0	63.0





#40

Benzene

Concen: 141.884 ug/l

RT: 8.16 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 926740

Ion Ratio Lower Upper

78 100

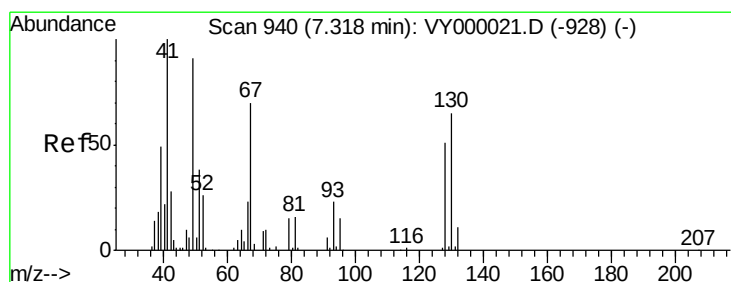
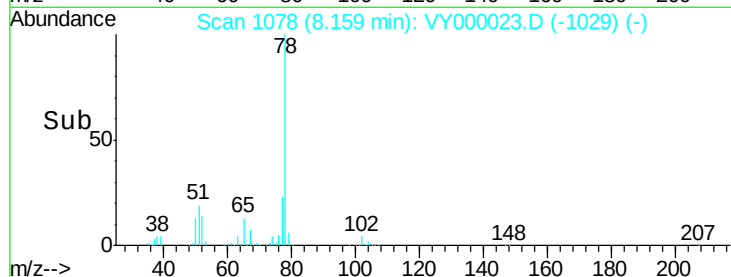
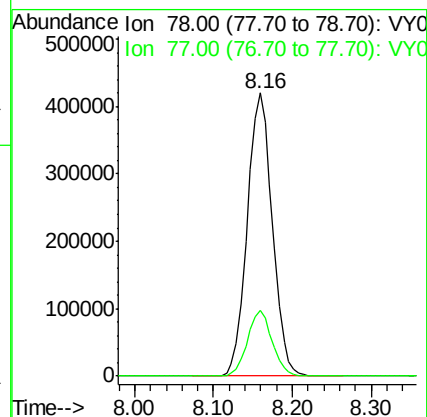
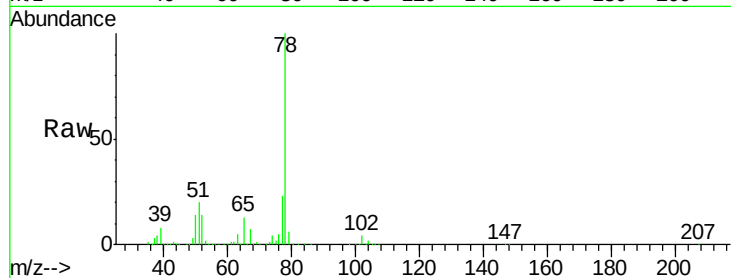
77 23.2 17.8 26.6

Manual Integrations

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#41

Methacrylonitrile

Concen: 58.481 ug/l m

RT: 7.32 min Scan# 941

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion: 41 Resp: 102750

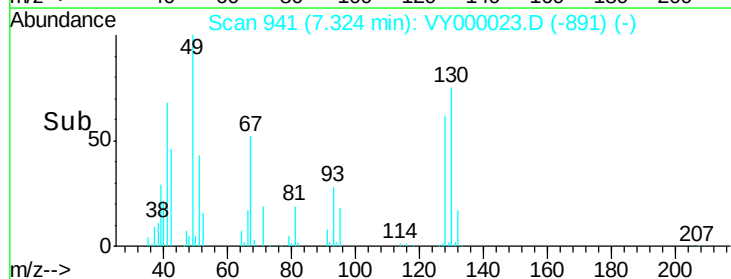
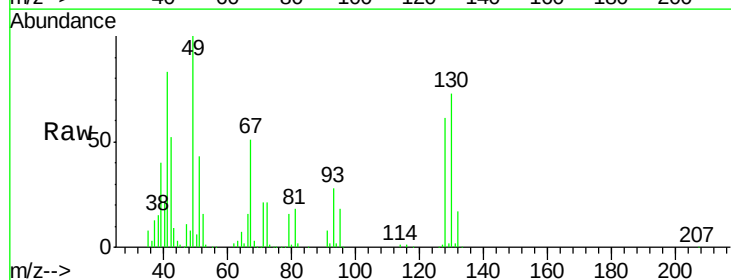
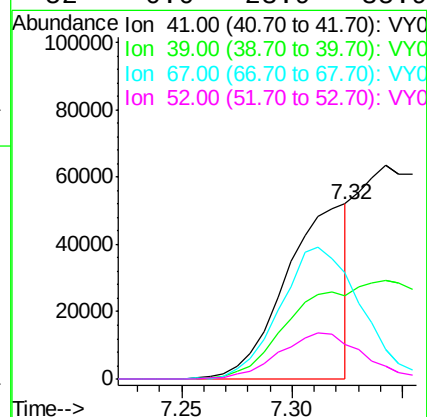
Ion Ratio Lower Upper

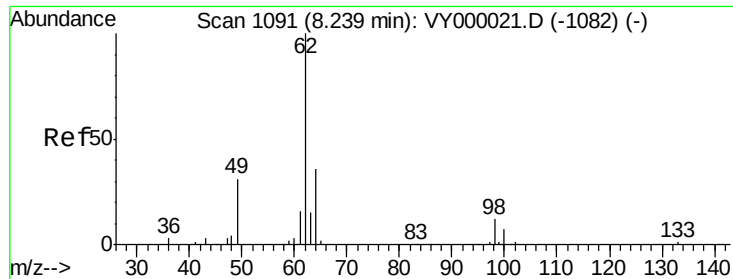
41 100

39 127.5 41.8 62.6#

67 0.0 65.8 98.6#

52 0.0 23.9 35.9#





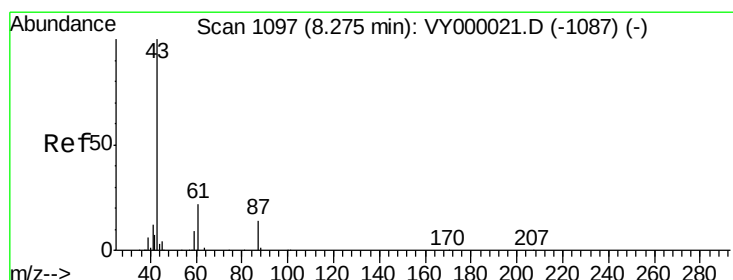
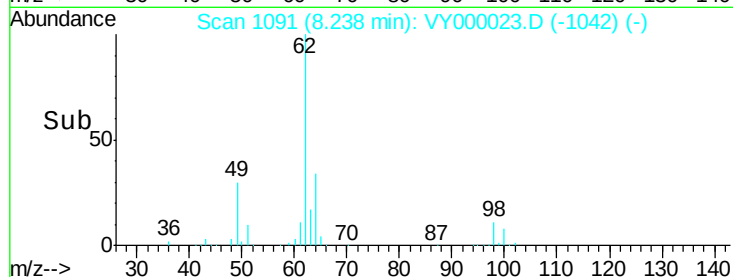
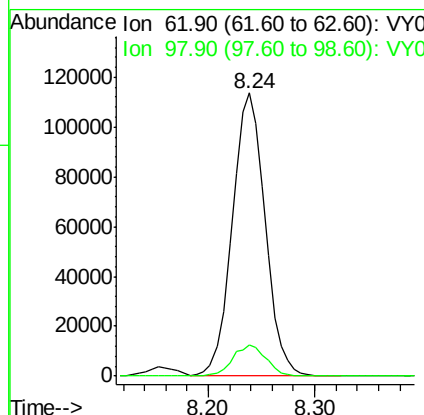
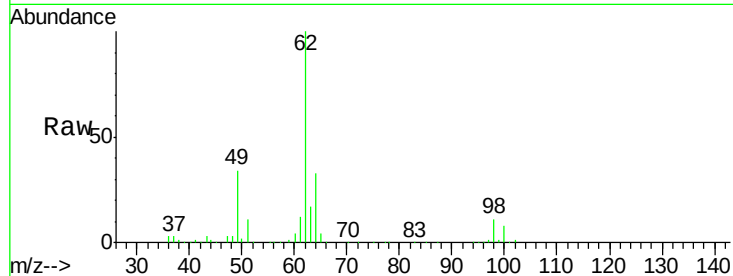
#42
 1,2-Dichloroethane
 Concen: 147.340 ug/l
 RT: 8.24 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
62	100	245942		
98	11.2	0.0	23.2	

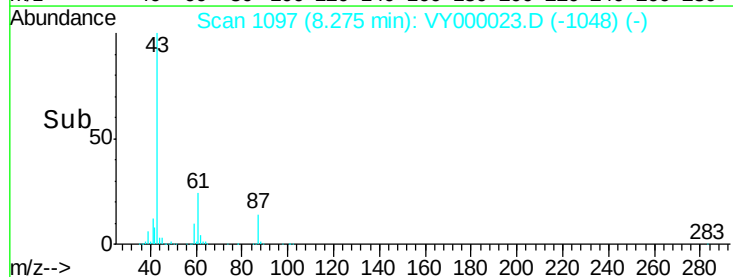
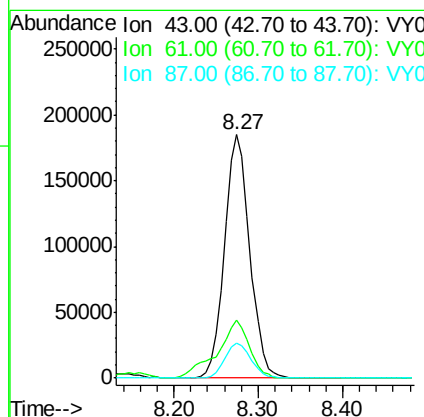
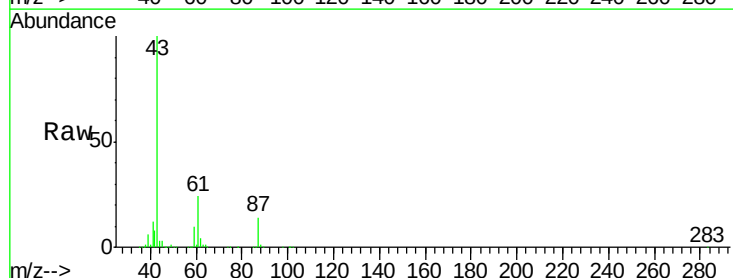
Manual Integrations
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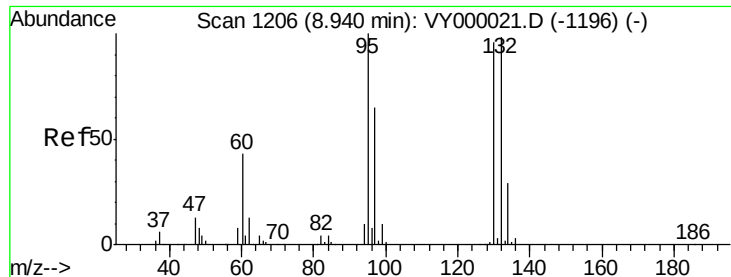
MMDadoda
 9/13/2019 11:53:57 PM



#43
 Isopropyl Acetate
 Concen: 144.038 ug/l
 RT: 8.27 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	377613		
61	30.6	24.9	37.3	
87	15.0	12.3	18.5	





#44

Trichloroethene

Concen: 141.956 ug/l

RT: 8.93 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 231513

Ion Ratio Lower Upper

130 100

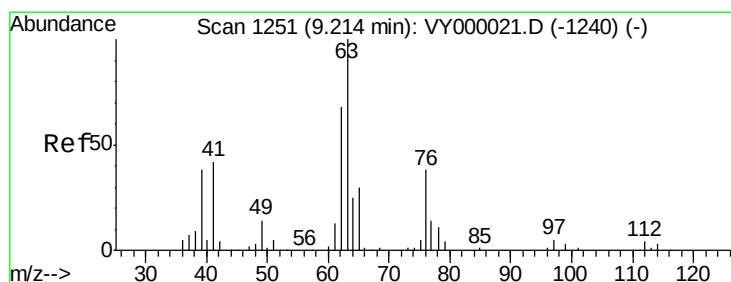
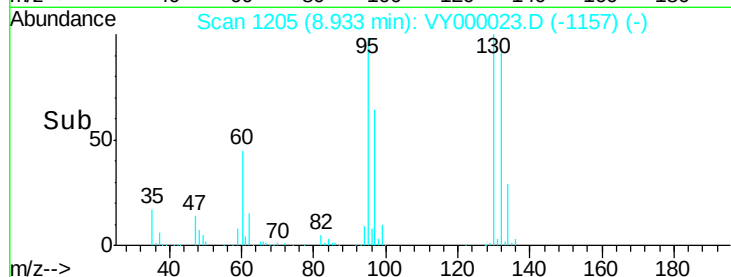
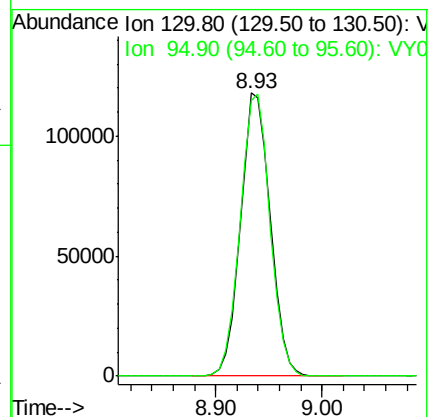
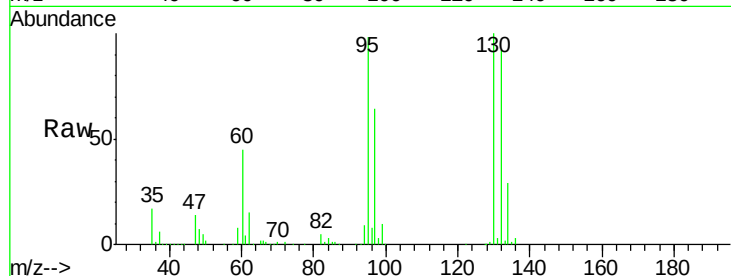
95 97.6 0.0 207.4

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#45

1,2-Dichloropropane

Concen: 142.525 ug/l

RT: 9.21 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VY000023.D

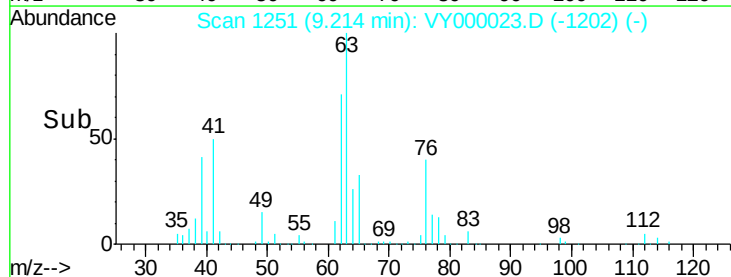
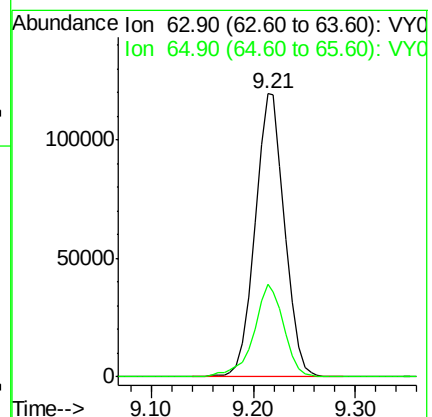
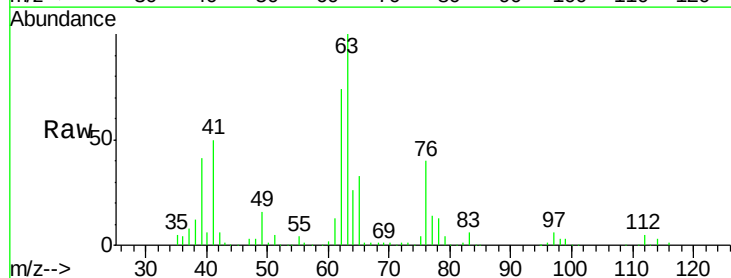
Acq: 12 Sep 2019 13:16

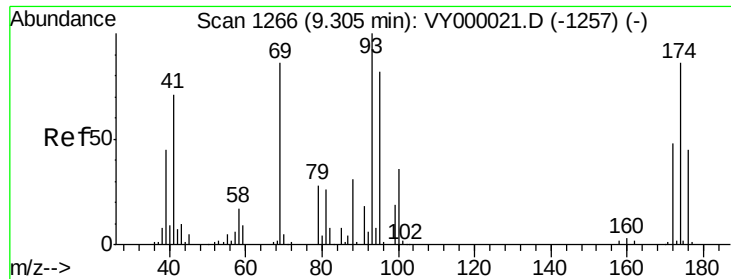
Tgt Ion: 63 Resp: 240044

Ion Ratio Lower Upper

63 100

65 32.9 24.1 36.1





#46

Dibromomethane

Concen: 140.347 ug/l

RT: 9.31 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 93 Resp: 131184

Ion Ratio Lower Upper

93 100

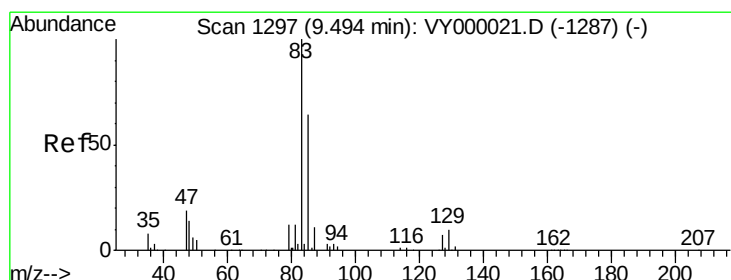
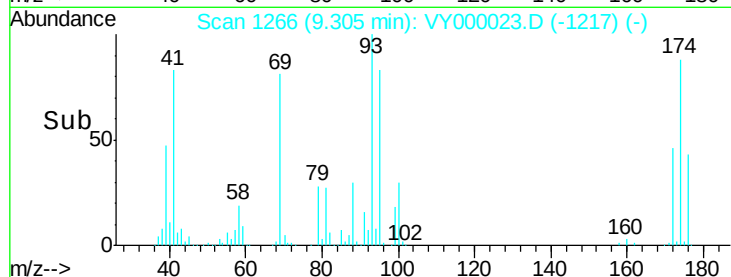
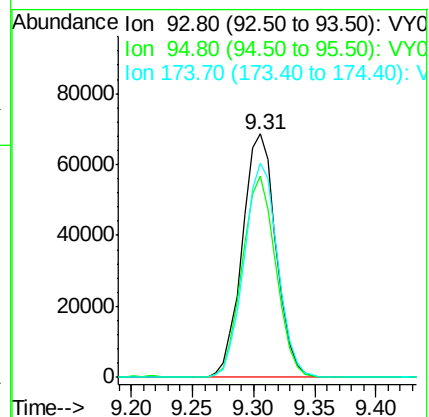
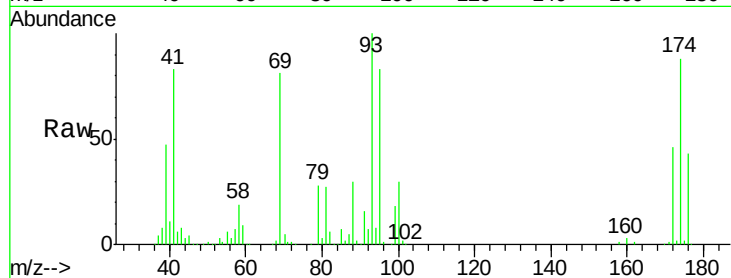
95 82.2 67.0 100.6

174 87.8 68.8 103.2

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#47

Bromodichloromethane

Concen: 146.014 ug/l

RT: 9.50 min Scan# 1298

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

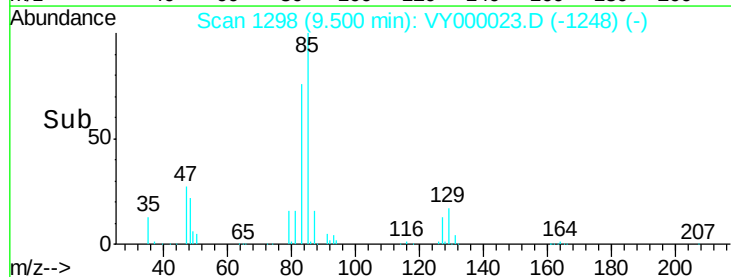
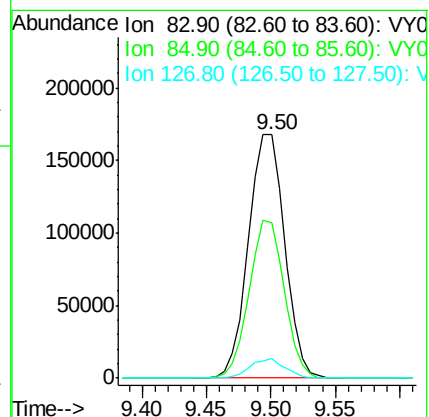
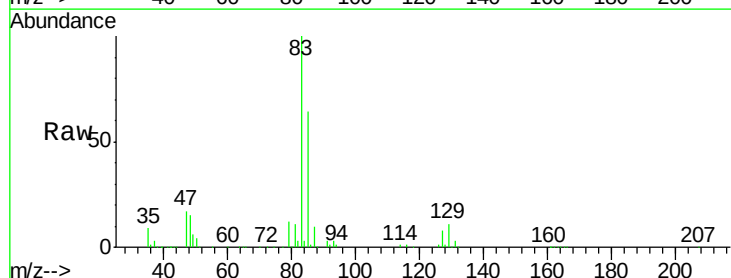
Tgt Ion: 83 Resp: 325800

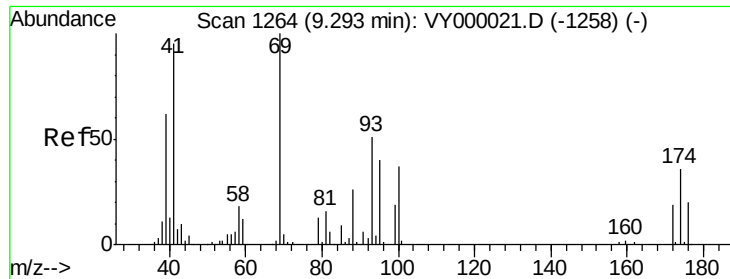
Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.2

127 8.0 5.4 8.2





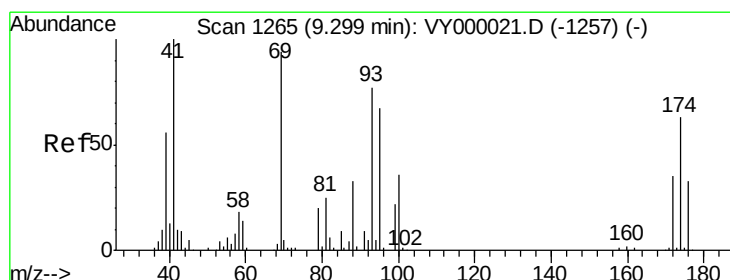
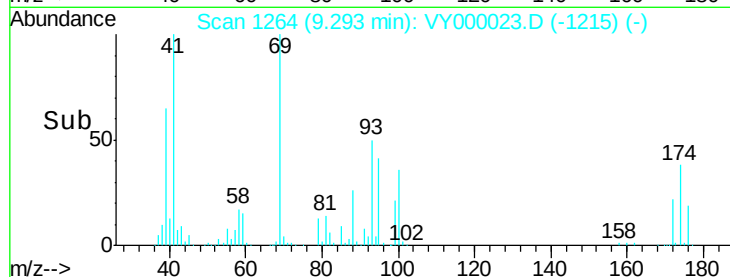
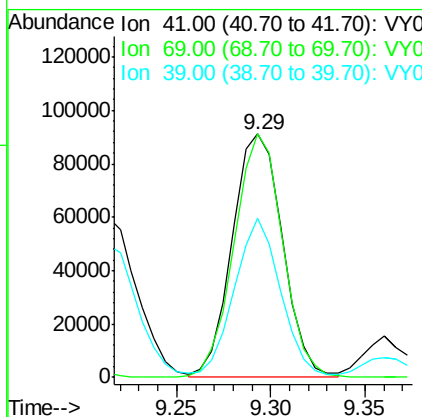
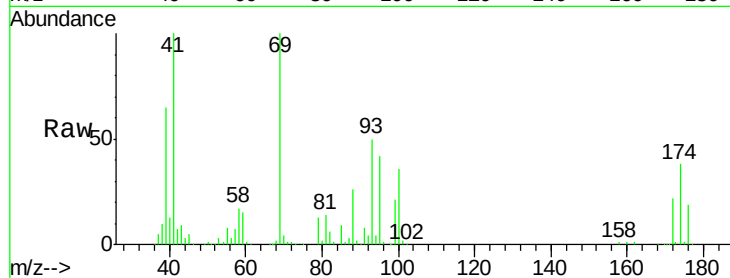
#48
Methvl methacrylate
Concen: 145.714 ug/l
RT: 9.29 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100	168569		
69	96.5	79.7	119.5	
39	60.2	48.6	72.8	

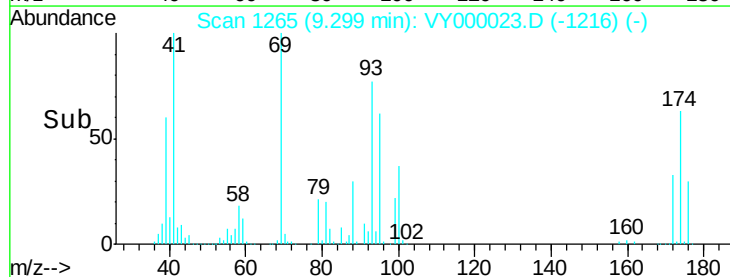
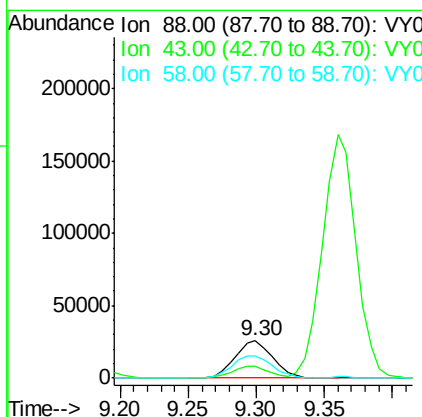
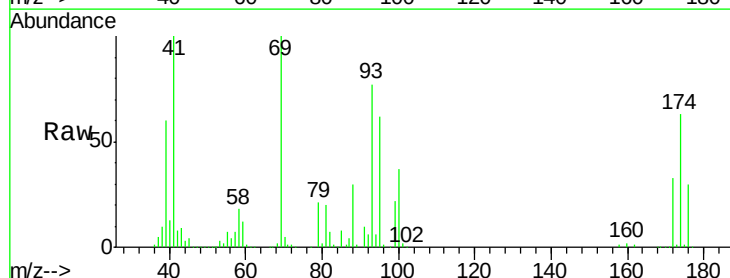
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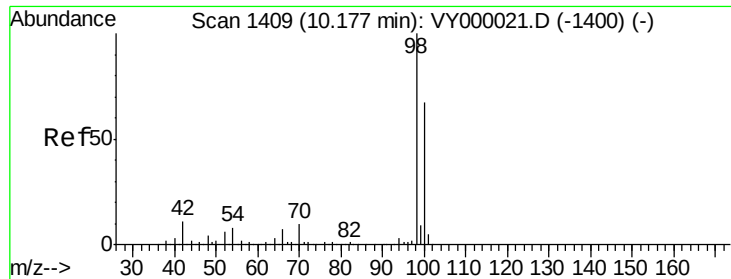
MMDadoda
9/13/2019 11:53:57 PM



#49
1,4-Dioxane
Concen: 2563.921 ug/l
RT: 9.30 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	50189		
43	30.3	24.6	37.0	
58	64.6	52.7	79.1	





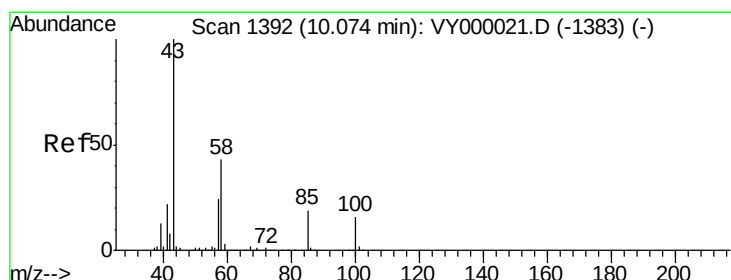
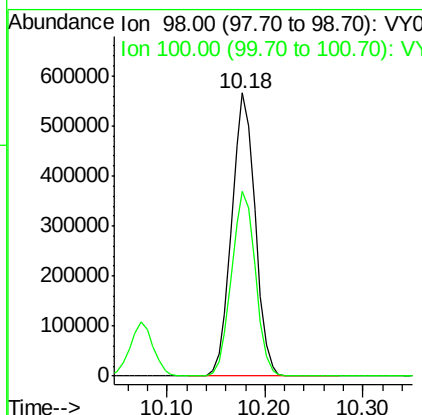
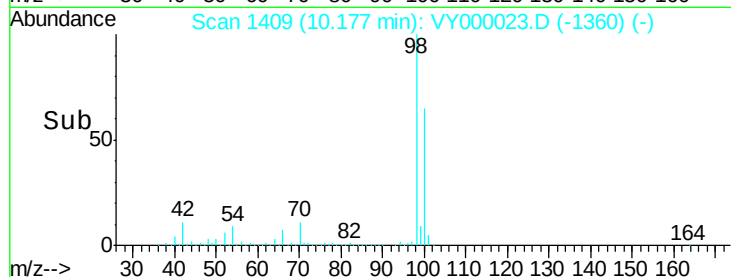
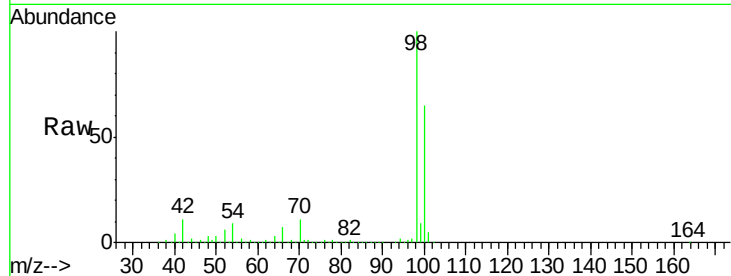
#50
Toluene-d8
Concen: 148.800 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tot Ion: 98 Resp: 939159
Ion Ratio Lower Upper
98 100
100 66.6 54.0 81.0

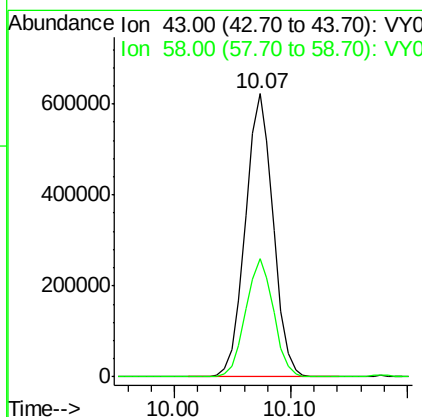
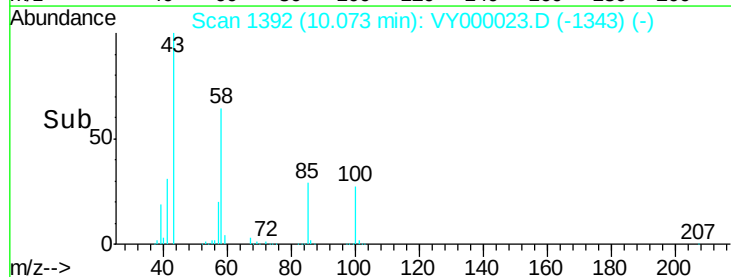
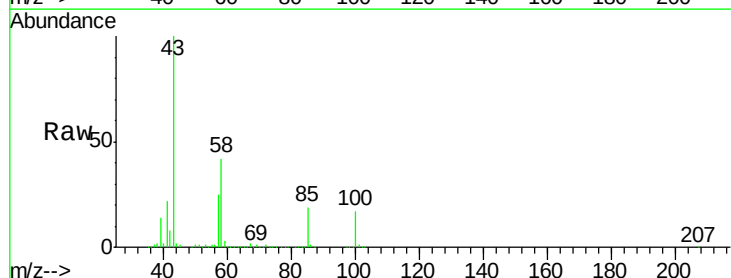
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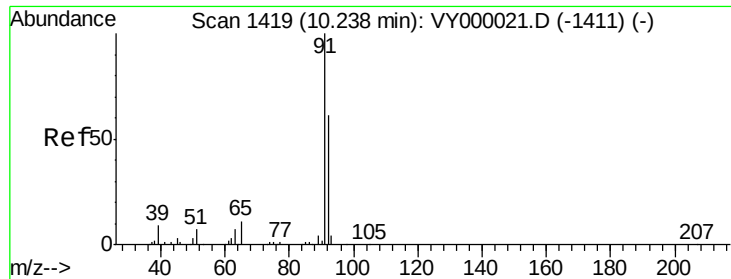
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 702.898 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion: 43 Resp: 1032553
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1





#52

Toluene

Concen: 144.280 ug/l

RT: 10.24 min Scan# 1420

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 592172

Ion Ratio Lower Upper

92 100

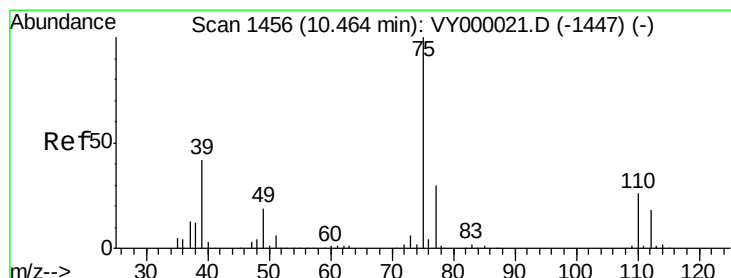
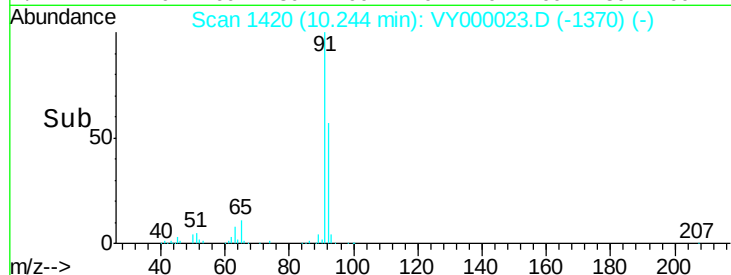
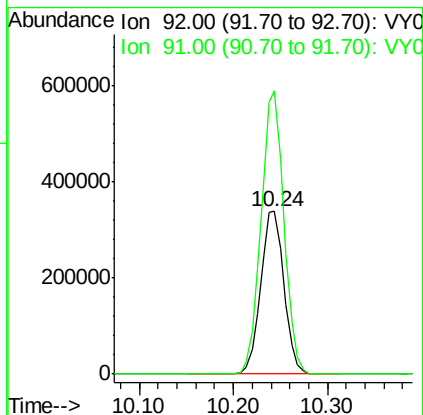
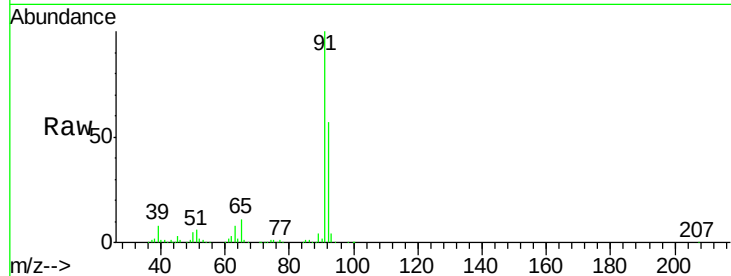
91 170.8 136.4 204.6

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#53

t-1,3-Dichloropropene

Concen: 147.883 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. -0.00 min

Lab File: VY000023.D

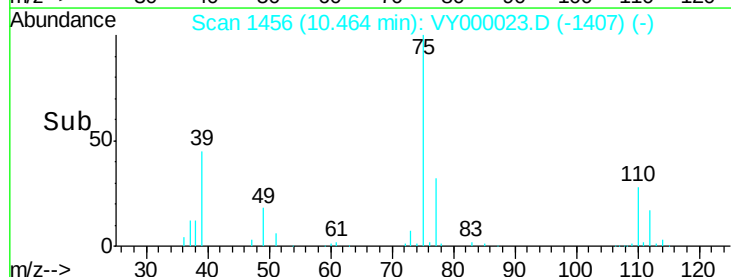
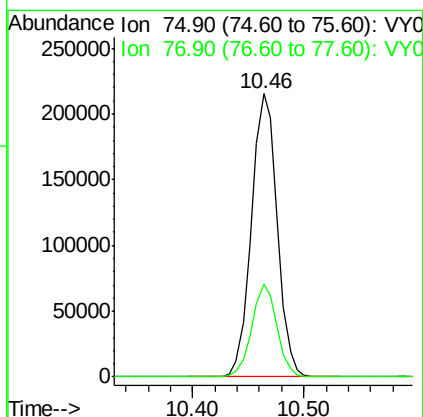
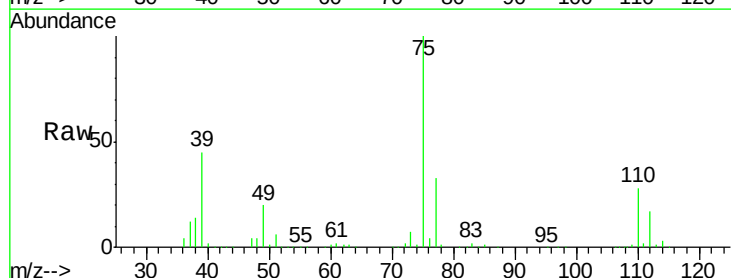
Acq: 12 Sep 2019 13:16

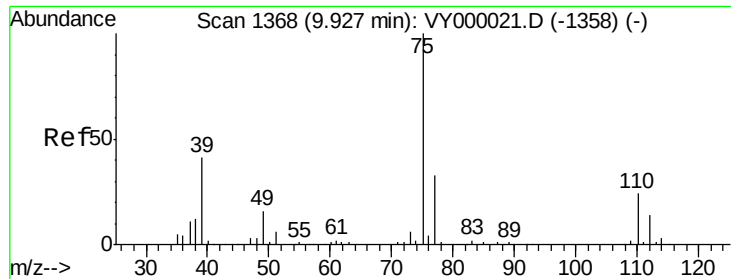
Tgt Ion: 75 Resp: 346934

Ion Ratio Lower Upper

75 100

77 32.6 23.8 35.8





#54

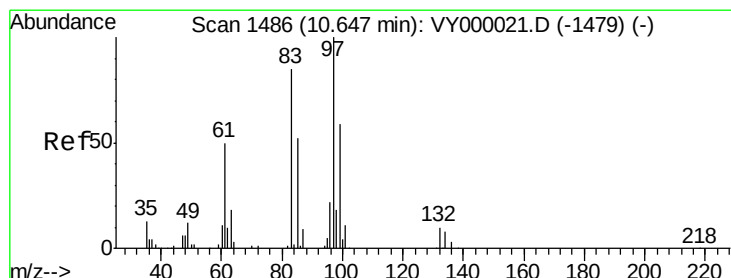
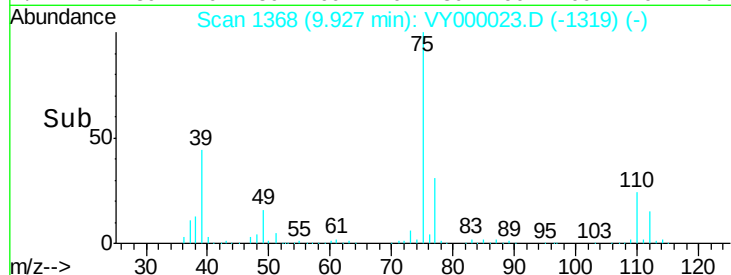
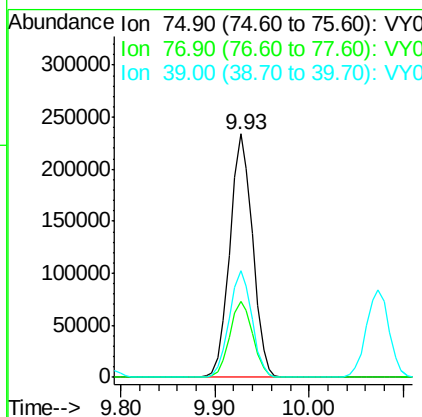
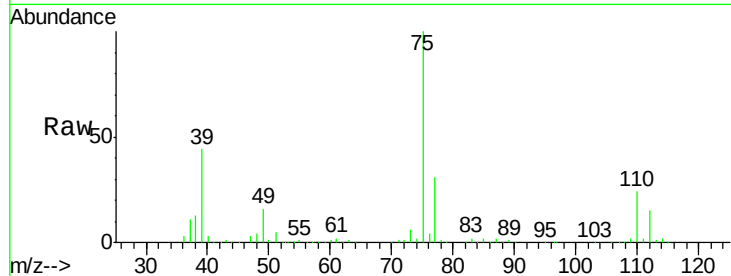
cis-1,3-Dichloropropene
Concen: 143.307 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	31.0	26.3	39.5	
39	43.6	32.9	49.3	

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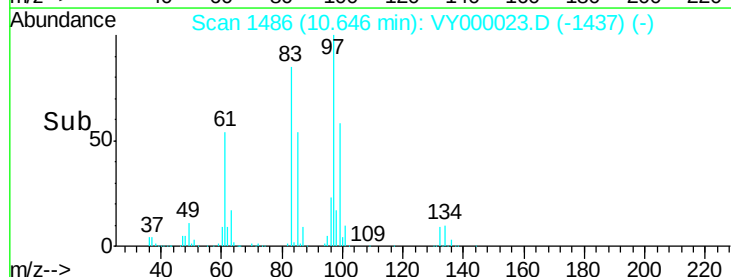
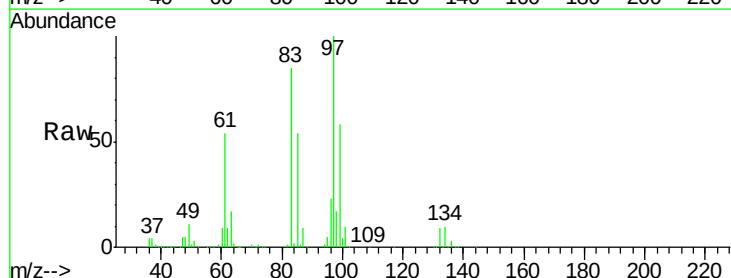
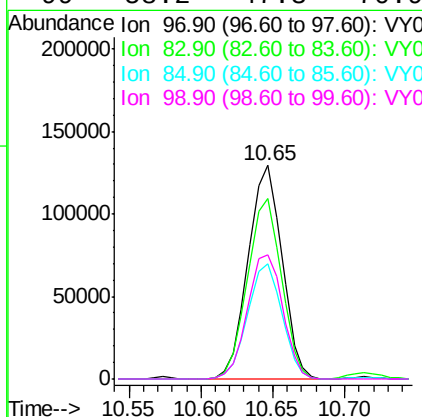
MMDadoda
9/13/2019 11:53:57 PM

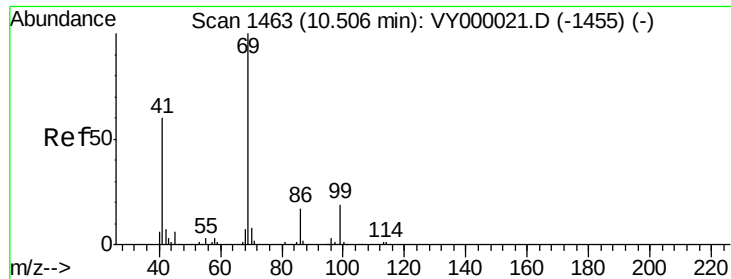


#55

1,1,2-Trichloroethane
Concen: 142.260 ug/l
RT: 10.65 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	84.7	68.2	102.2	
85	54.2	41.7	62.5	
99	58.2	47.3	70.9	





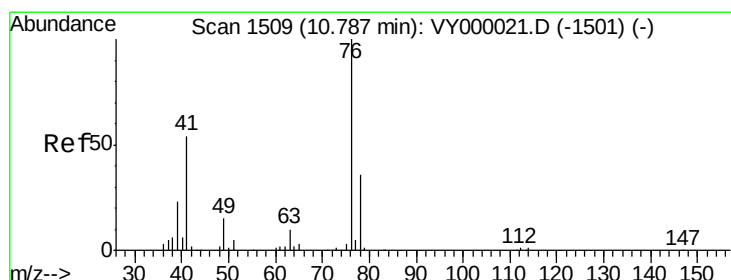
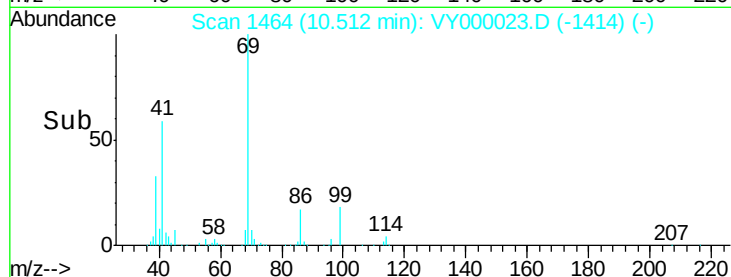
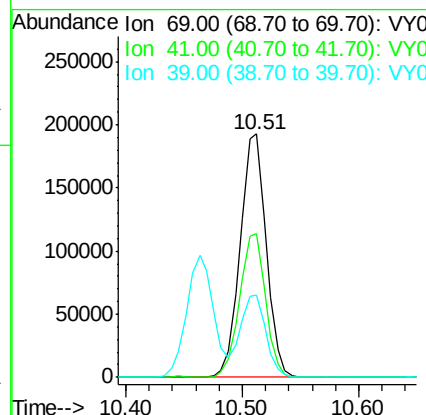
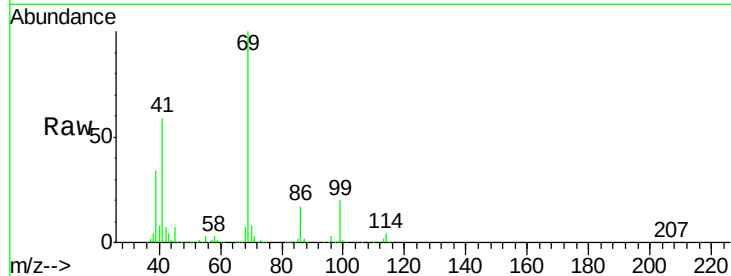
#56
Ethyl methacrylate
Concen: 144.256 ug/l
RT: 10.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
69	100	299879		
41	59.0		47.0	70.4
39	33.0		26.4	39.6

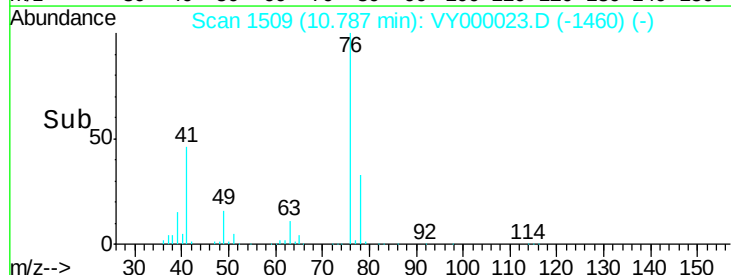
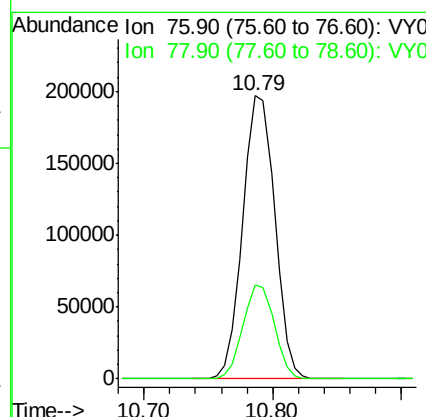
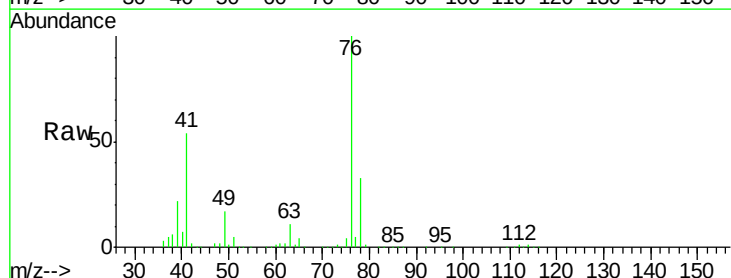
Manual Integrations
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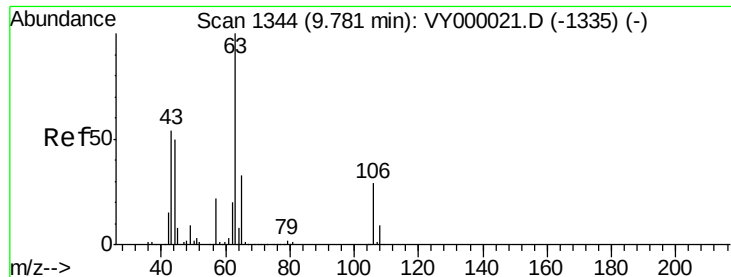
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9/13/2019 11:53:57 PM



#57
1,3-Dichloropropane
Concen: 143.441 ug/l
RT: 10.79 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	339792		
78	32.4		26.0	39.0





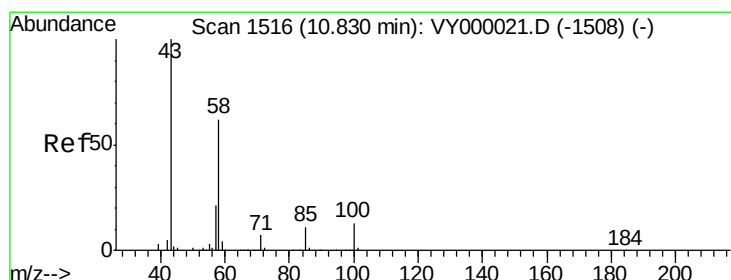
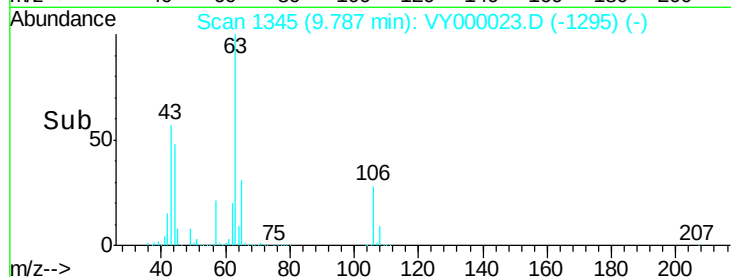
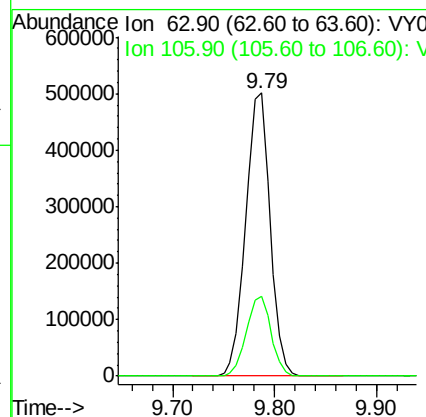
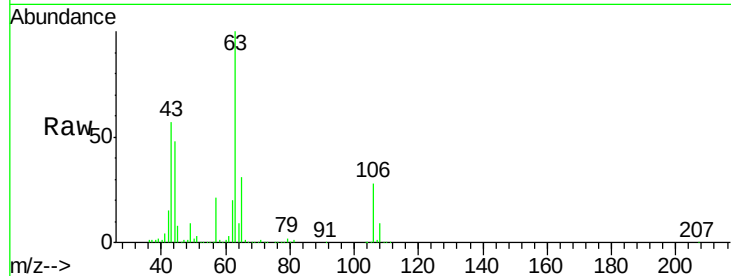
#58
 2-Chloroethyl Vinyl ether
 Concen: 729.366 ug/l
 RT: 9.79 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 830535
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.7 35.5

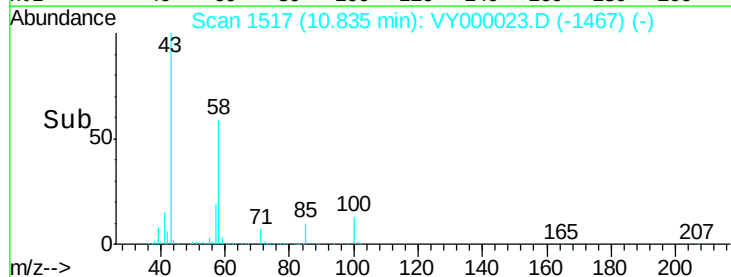
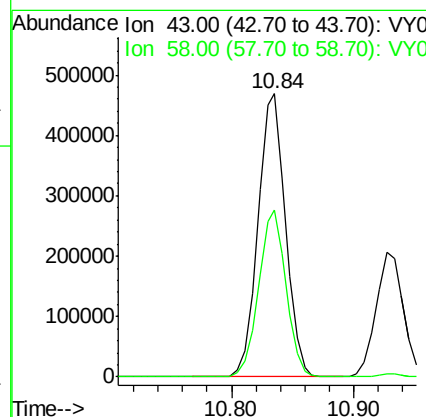
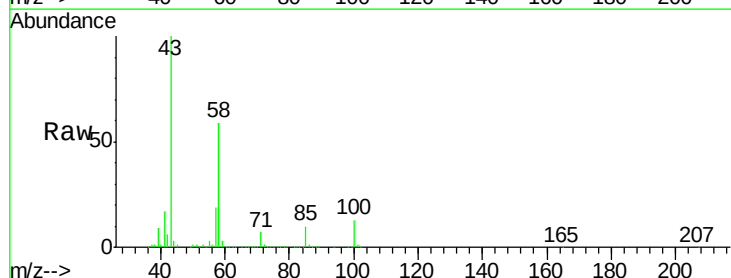
Manual Integrations
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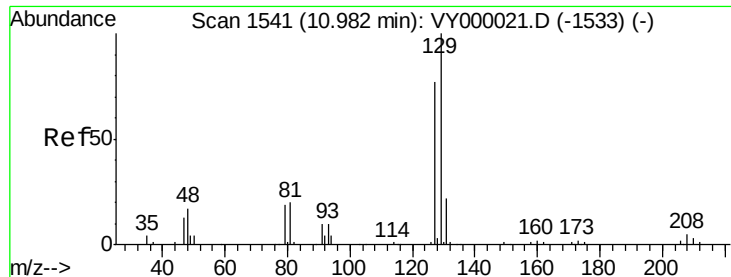
MMDadoda
 9/13/2019 11:53:57 PM



#59
 2-Hexanone
 Concen: 694.365 ug/l
 RT: 10.84 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion: 43 Resp: 735055
 Ion Ratio Lower Upper
 43 100
 58 58.4 30.3 90.8





#60

Dibromochloromethane

Concen: 143.105 ug/l

RT: 10.98 min Scan# 1541

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 223352

Ion Ratio Lower Upper

129 100

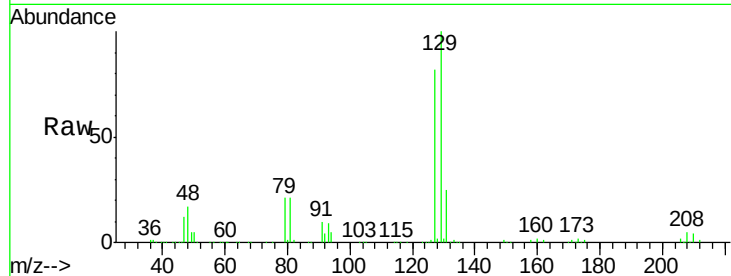
127 79.3 38.4 115.2

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.98

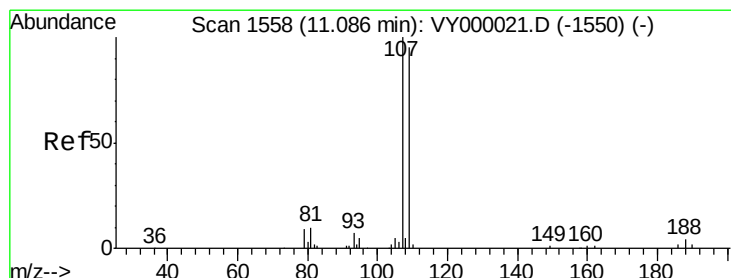
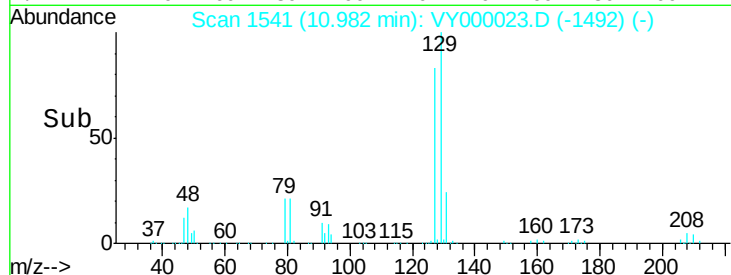
150000

100000

50000

0

Time--> 10.90 10.95 11.00 11.05



#61

1,2-Dibromoethane

Concen: 144.220 ug/l

RT: 11.09 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VY000023.D

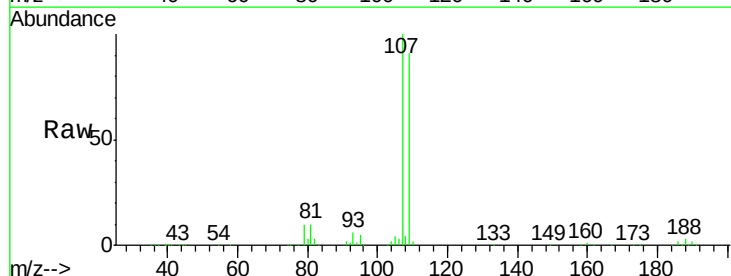
Acq: 12 Sep 2019 13:16

Tgt Ion:107 Resp: 188682

Ion Ratio Lower Upper

107 100

109 93.8 76.7 115.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

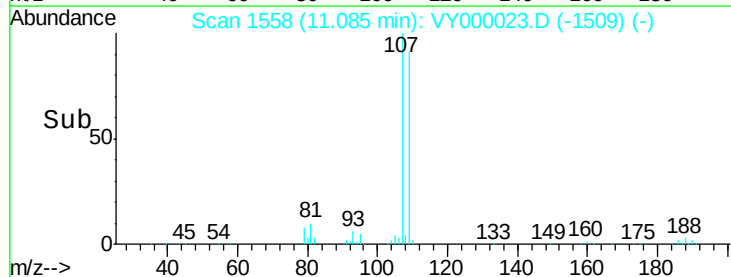
11.09

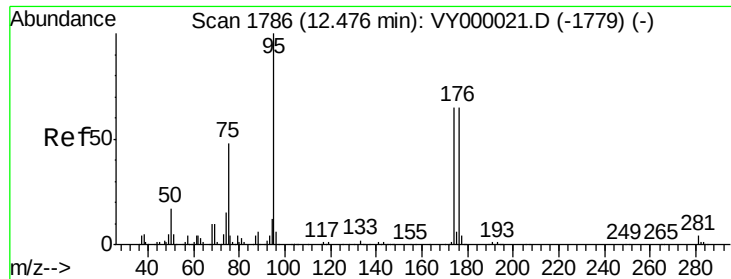
100000

50000

0

Time--> 11.00 11.05 11.10 11.15





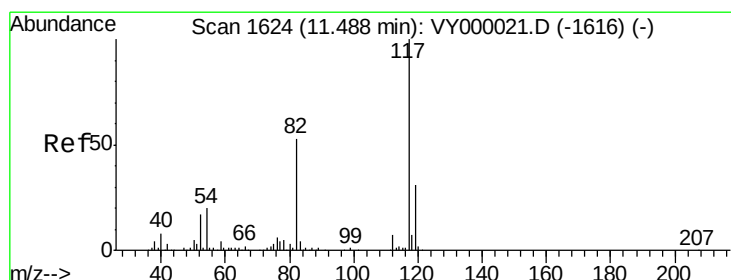
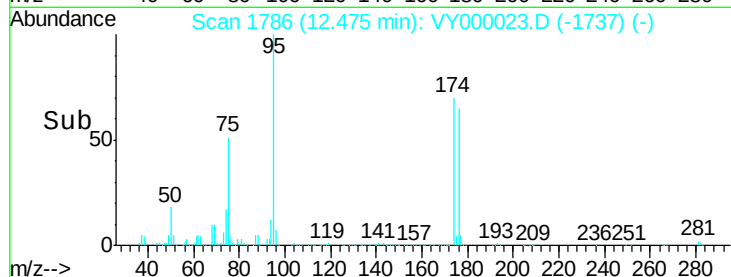
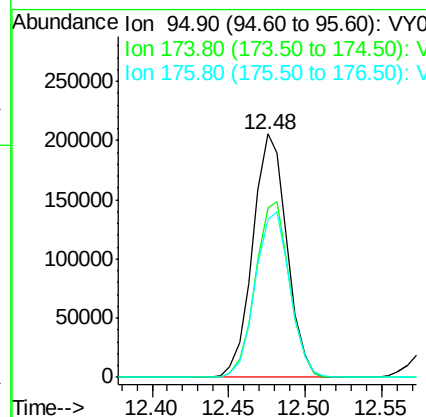
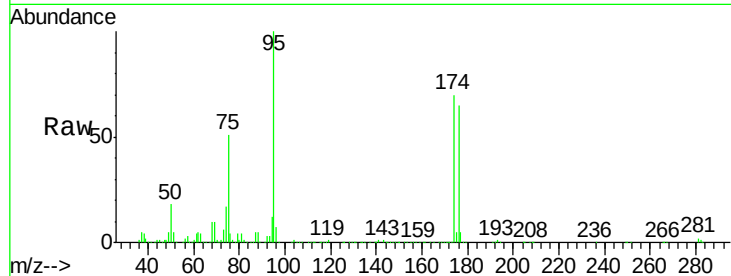
#62
4-Bromofluorobenzene
Concen: 138.721 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
95	100	318230		
174	72.2	0.0	137.6	
176	69.3	0.0	134.8	

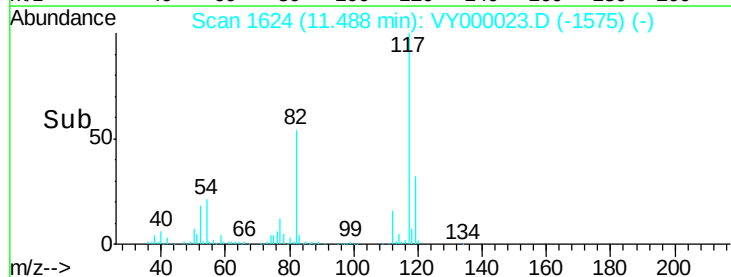
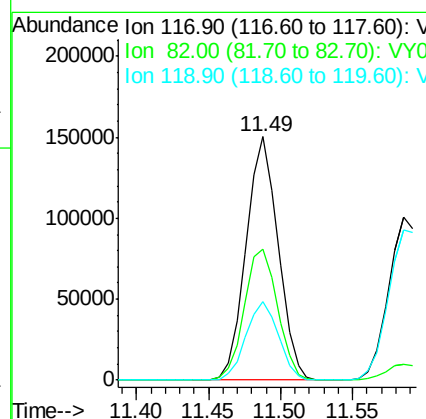
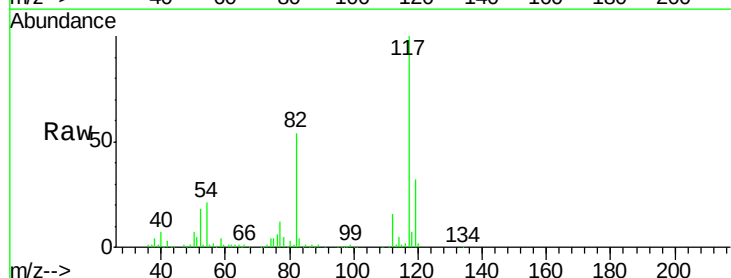
Manual Integrations
APPROVED

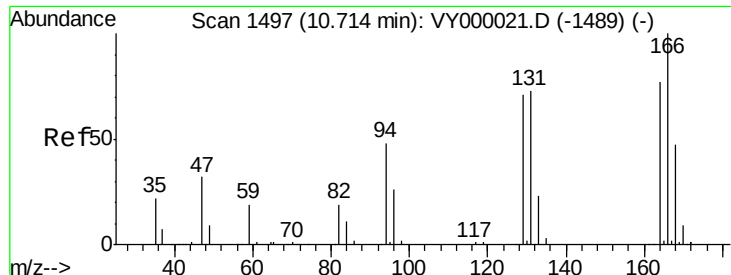
MMDadoda
9/13/2019 11:53:57 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	232221		
82	53.7	42.5	63.7	
119	32.4	25.1	37.7	





#64

Tetrachloroethene

Concen: 138.610 ug/l

RT: 10.71 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 197387

Ion Ratio Lower Upper

164 100

166 124.7 103.4 155.0

129 98.5 73.4 110.0

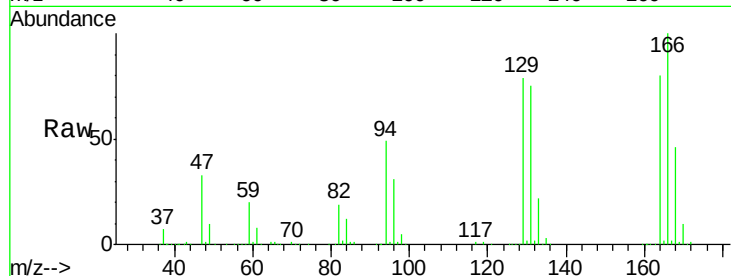
131 93.4 75.9 113.9

Manual Integrations

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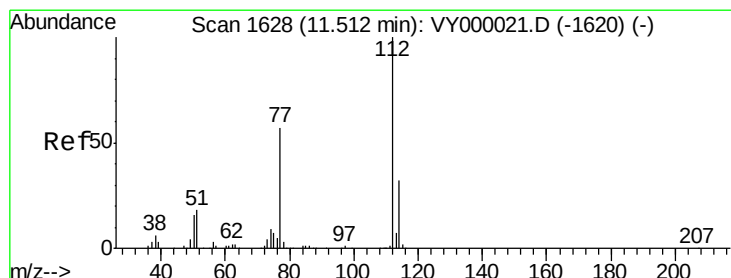
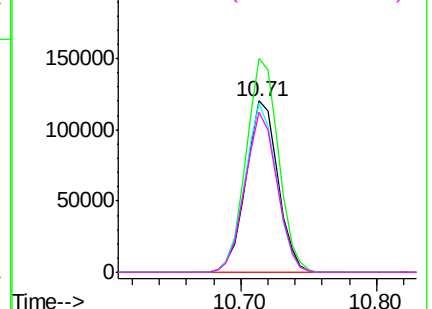
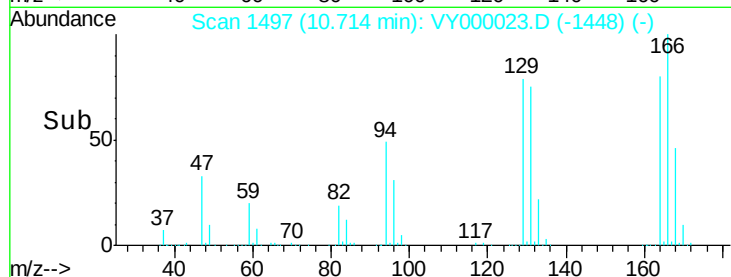


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 146.320 ug/l

RT: 11.51 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VY000023.D

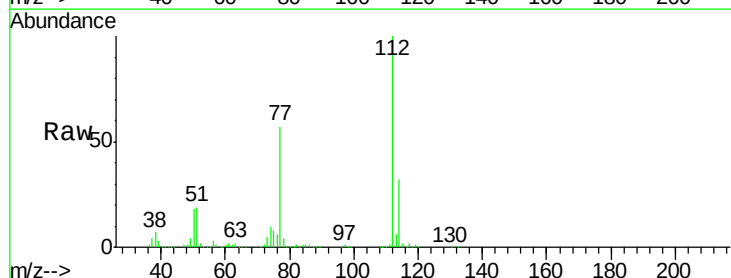
Acq: 12 Sep 2019 13:16

Tgt Ion:112 Resp: 647459

Ion Ratio Lower Upper

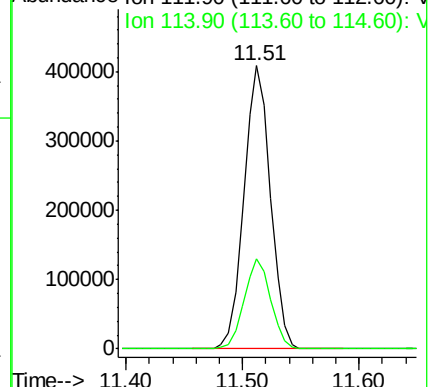
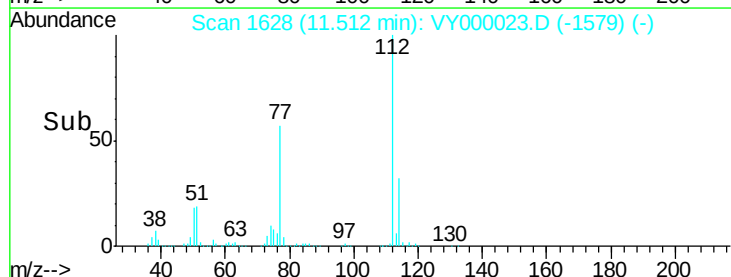
112 100

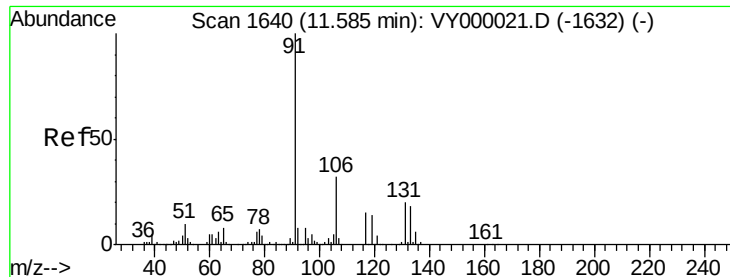
114 31.7 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





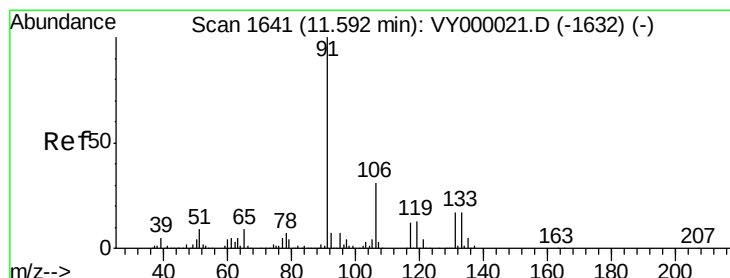
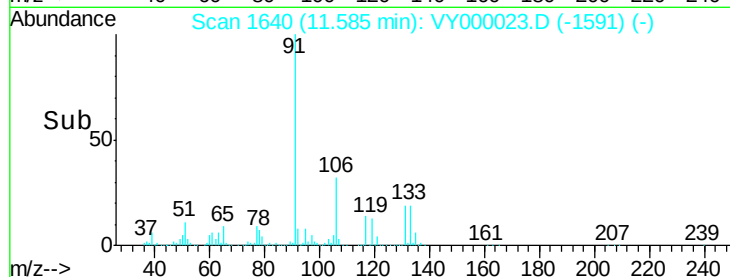
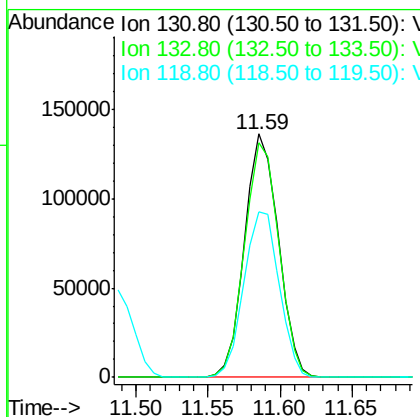
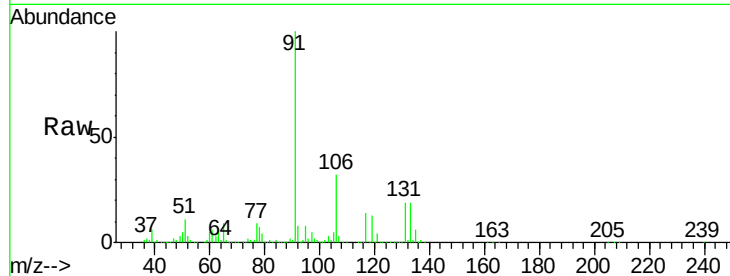
#66
 1,1,1,2-Tetrachloroethane
 Concen: 144.175 ug/l
 RT: 11.59 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	221051		
133	97.7	47.2	141.6	
119	71.1	35.4	106.3	

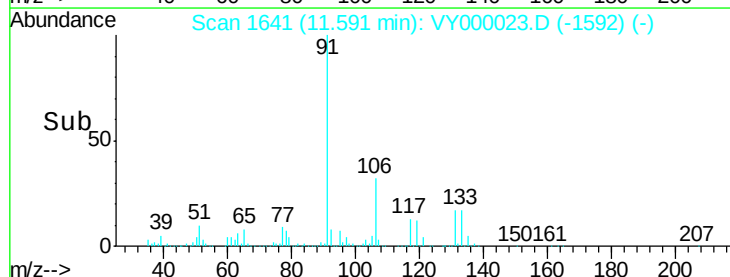
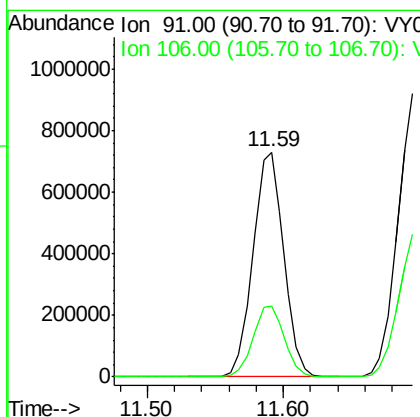
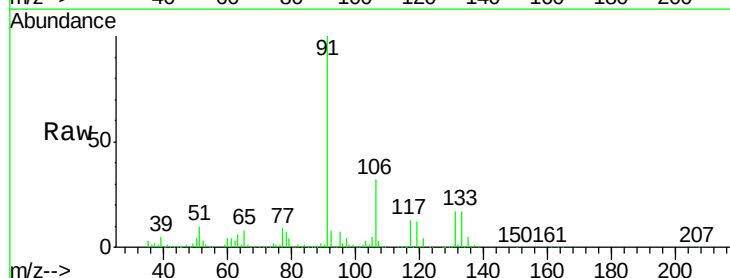
Manual Integrations
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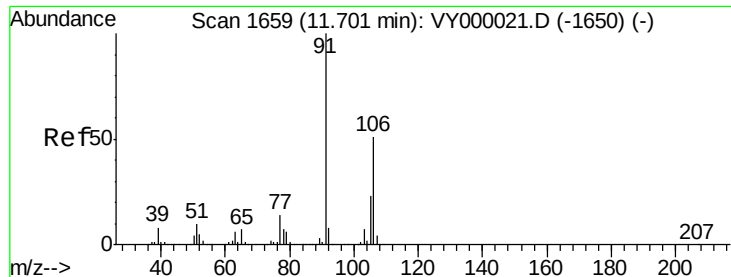
MMDadoda
 9/13/2019 11:53:57 PM



#67
 Ethyl Benzene
 Concen: 143.663 ug/l
 RT: 11.59 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1154869		
106	31.6	24.6	37.0	





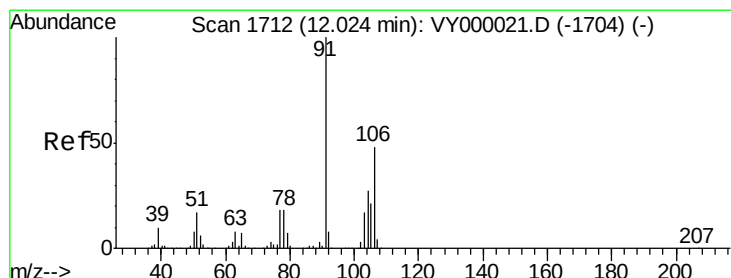
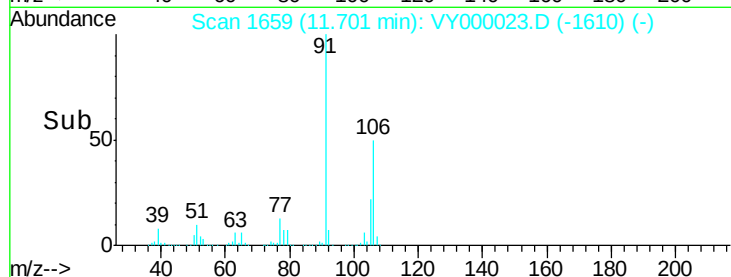
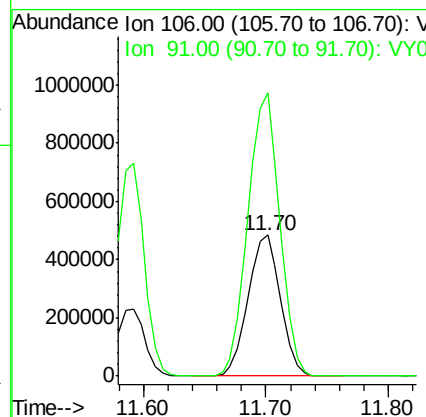
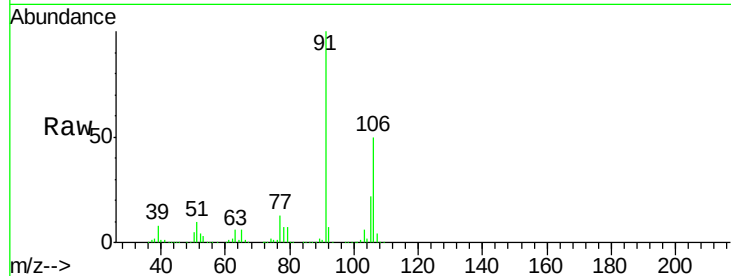
#68
m/p-Xylenes
Concen: 292.407 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		887012		
91	198.7	158.5	237.7		

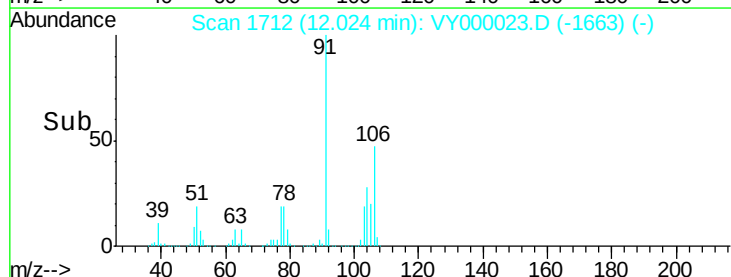
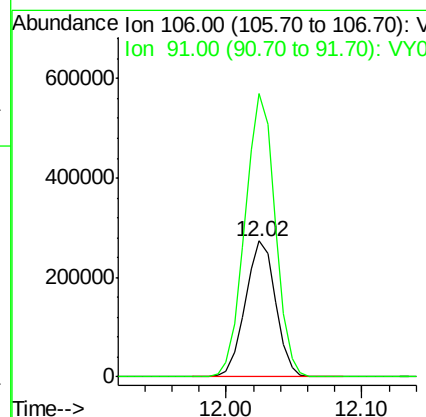
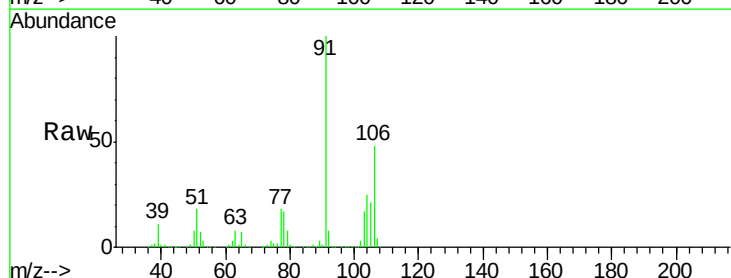
Manual Integrations
APPROVED

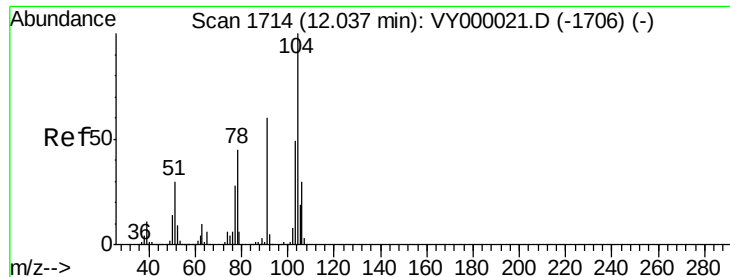
MMDadoda
9/13/2019 11:53:57 PM



#69
o-Xylene
Concen: 143.036 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		425256		
91	207.7	104.0	312.0		





#70

Stvrene

Concen: 148.312 ug/l

RT: 12.04 min Scan# 1715

Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

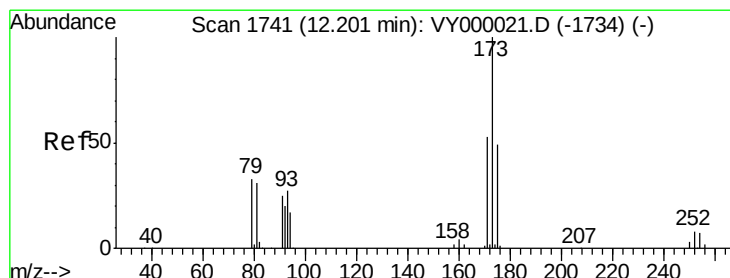
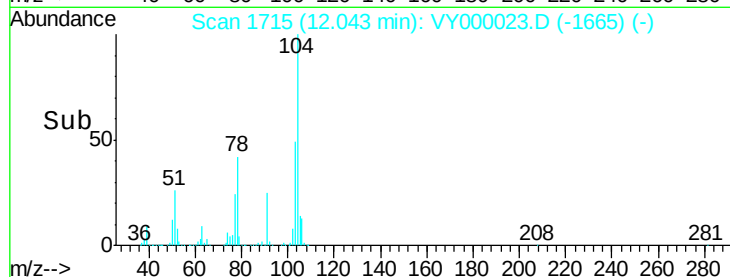
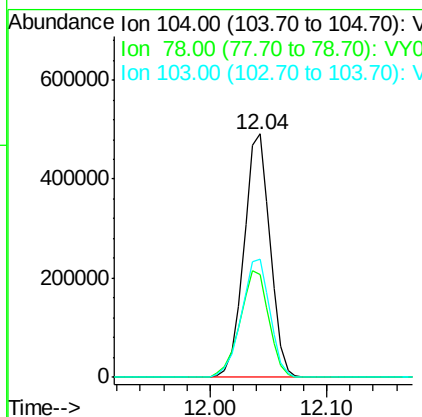
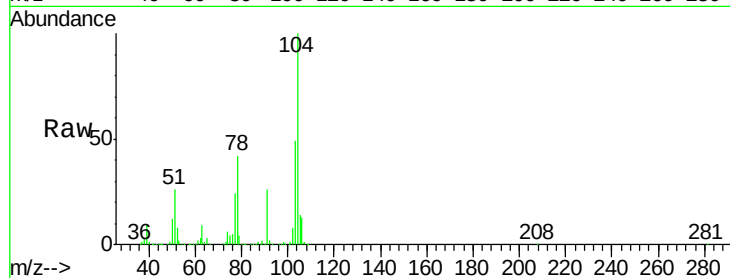
ClientSampleId :

VSTDIC150

Tot Ion:	104	Resp:	767052
Ion Ratio	Lower	Upper	
104	100		
78	48.1	38.0	57.0
103	53.0	42.4	63.6

Manual Integrations
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MMDadoda
9/13/2019 11:53:57 PM



#71

Bromoform

Concen: 147.318 ug/l

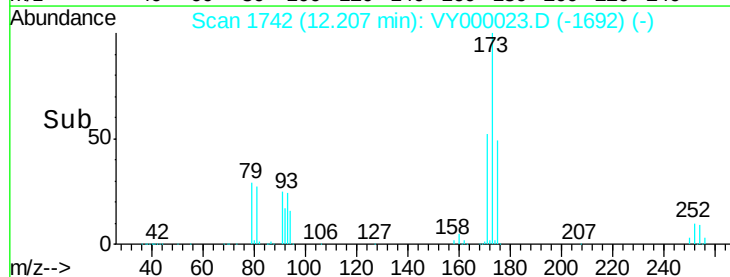
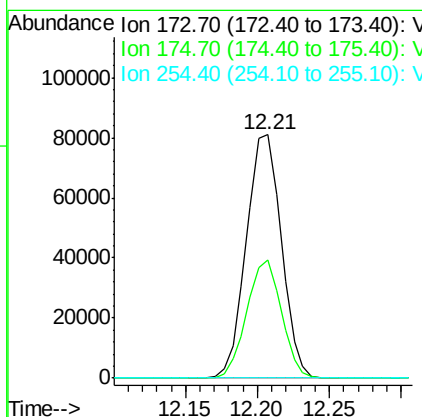
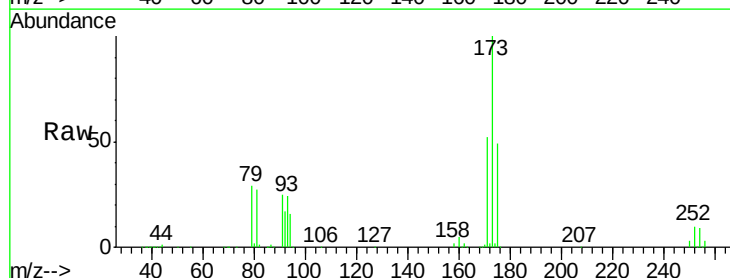
RT: 12.21 min Scan# 1742

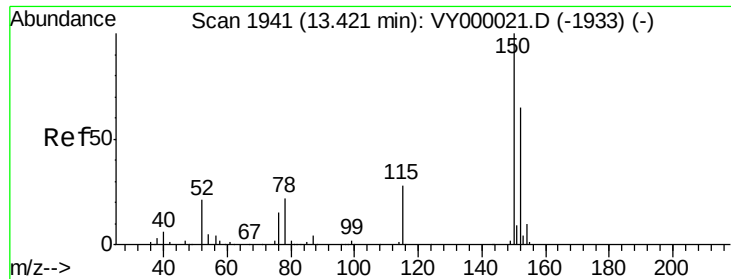
Delta R.T. 0.01 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion:	173	Resp:	136380
Ion Ratio	Lower	Upper	
173	100		
175	47.8	25.1	75.4
254	0.1	0.0	0.0#





#72

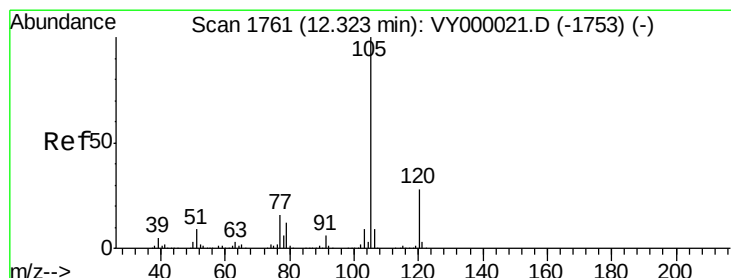
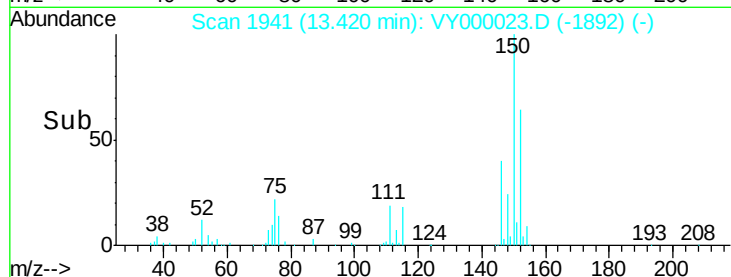
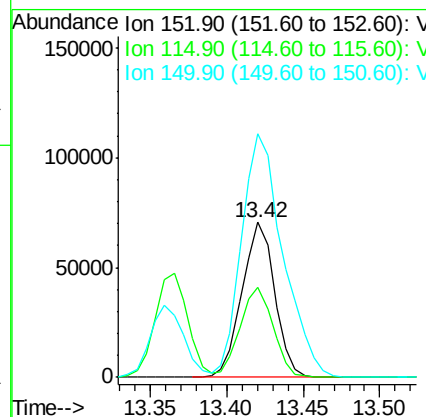
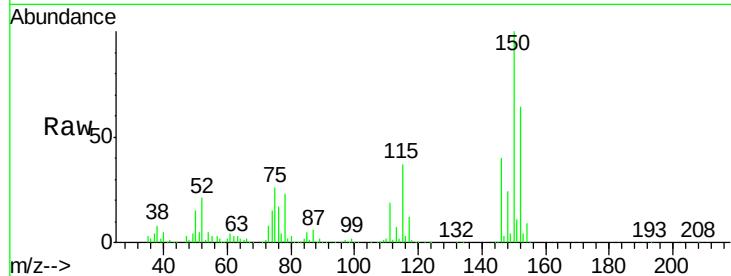
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.4	88.2
150	199.4	0.0	349.0

Manual Integrations
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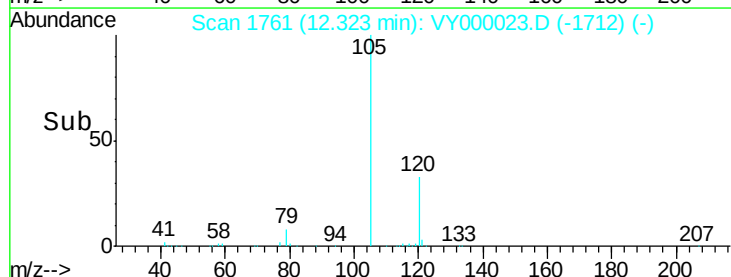
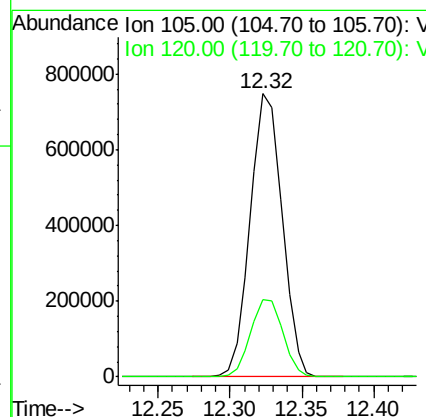
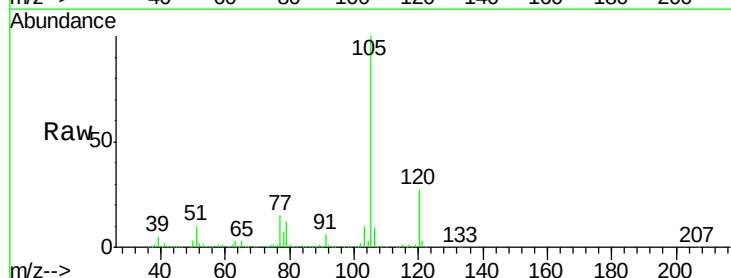
MMDadoda
9/13/2019 11:53:57 PM

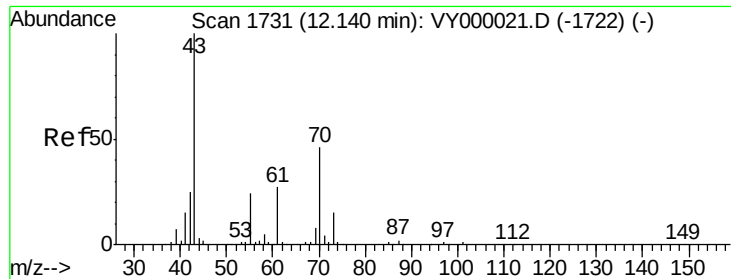


#73

Isopropylbenzene
Concen: 143.817 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.9	41.6





#74

N-amvl acetate

Concen: 147.174 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

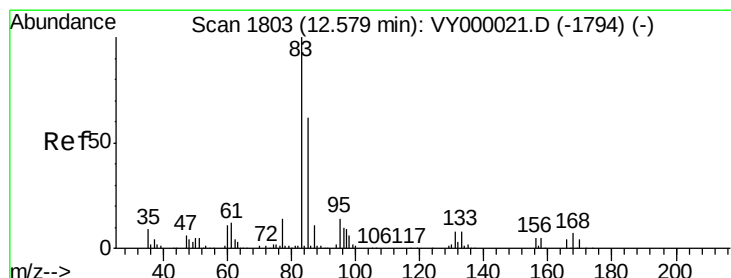
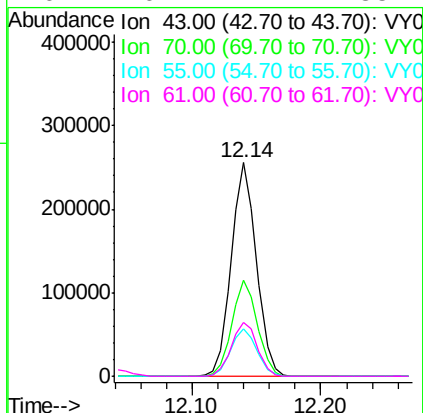
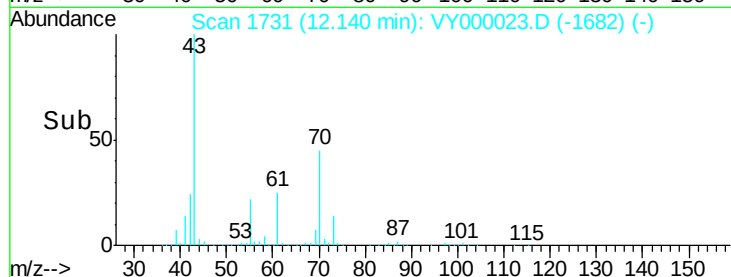
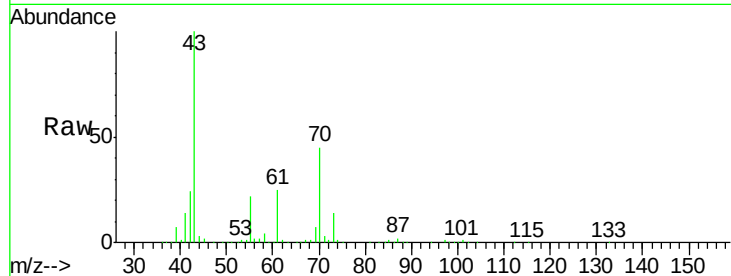
ClientSampleId :

VSTDIC150

Tot Ion	43	Resp	347164
Ion Ratio	Lower	Upper	
43	100		
70	45.9	38.1	57.1
55	23.3	18.7	28.1
61	26.2	22.1	33.1

Manual Integrations
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MMDadoda
9/13/2019 11:53:57 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 139.727 ug/l

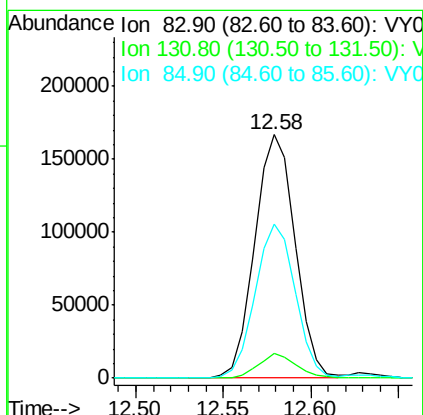
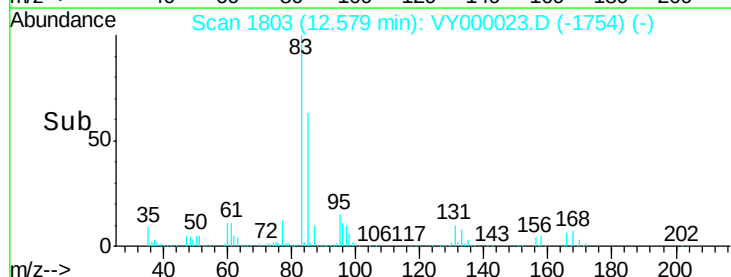
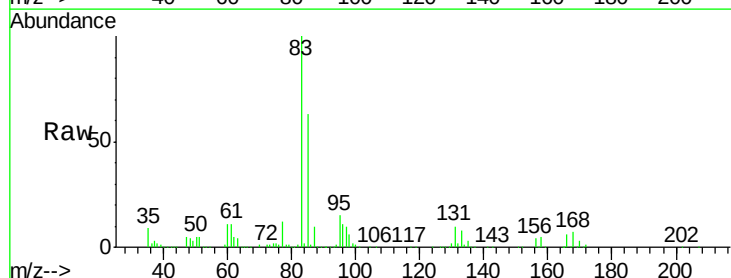
RT: 12.58 min Scan# 1803

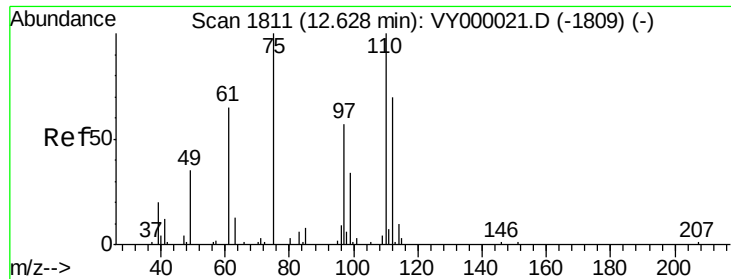
Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Tgt Ion	83	Resp	266963
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.6	13.8
85	62.9	31.8	95.3





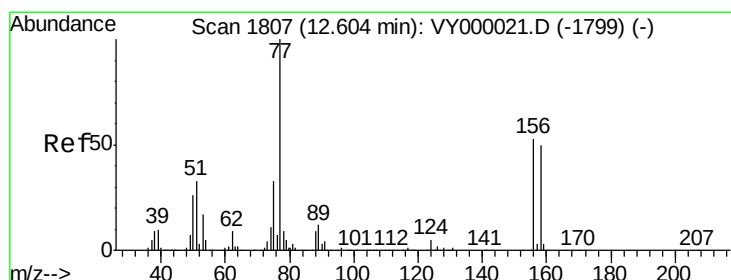
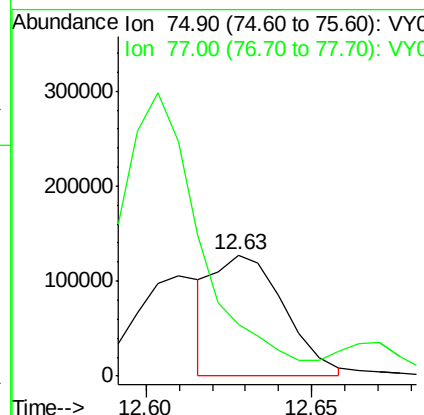
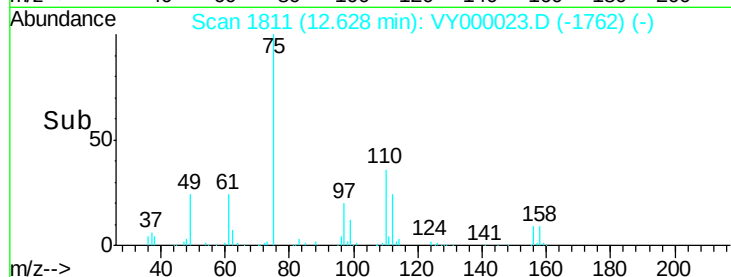
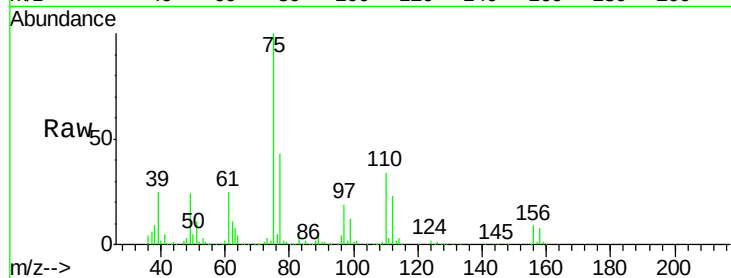
#76
 1,2,3-Trichloropropane
 Concen: 81.185 ug/l m
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 188323
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

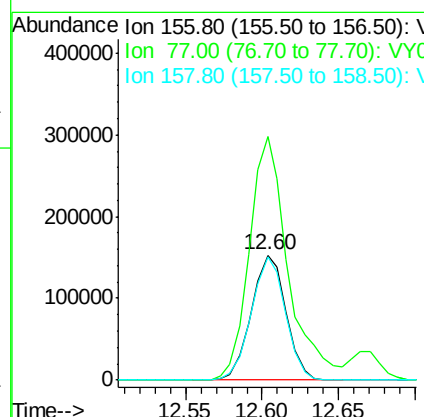
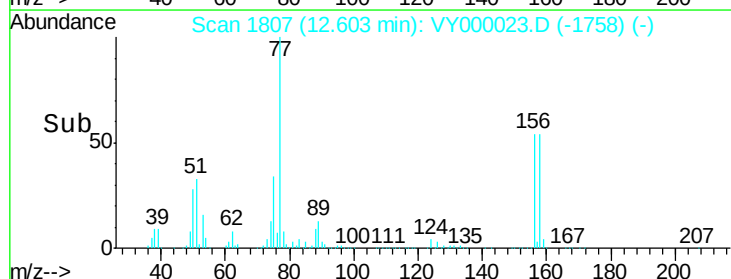
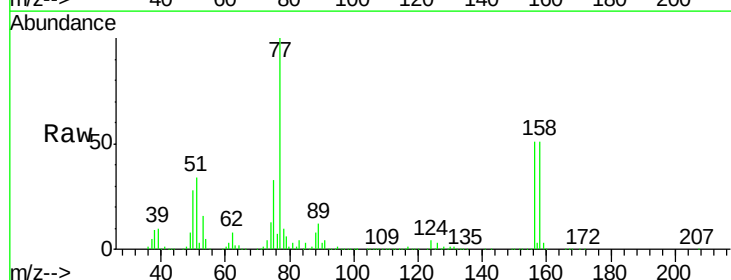
Manual Integrations
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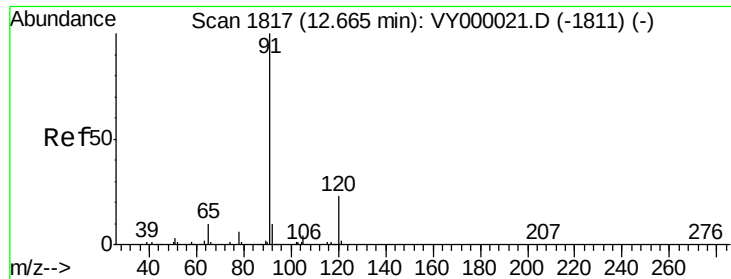
MMDadoda
 9/13/2019 11:53:57 PM



#77
 Bromobenzene
 Concen: 141.615 ug/l
 RT: 12.60 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion: 156 Resp: 239387
 Ion Ratio Lower Upper
 156 100
 77 218.8 106.0 317.9
 158 97.6 47.3 141.9





#78

n-propylbenzene

Concen: 142.975 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000023.D

Acq: 12 Sep 2019 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1396255

Ion Ratio Lower Upper

91 100

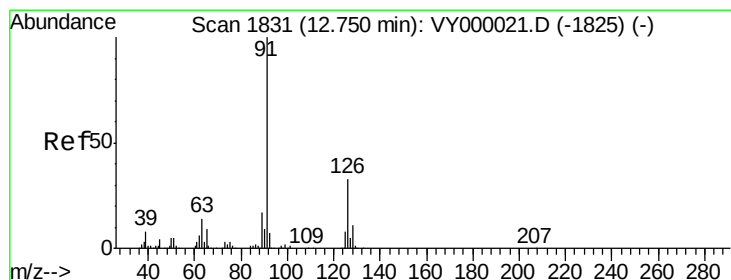
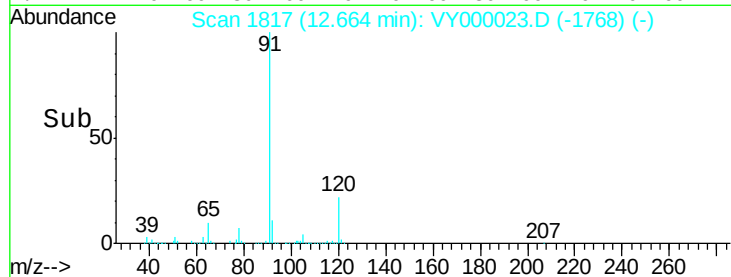
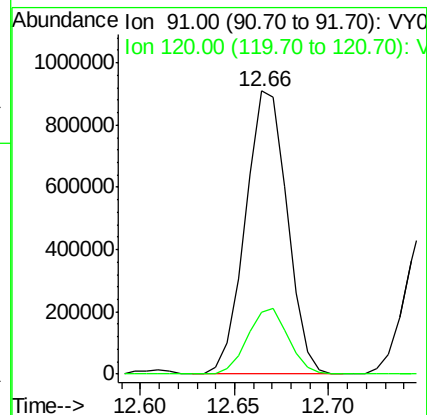
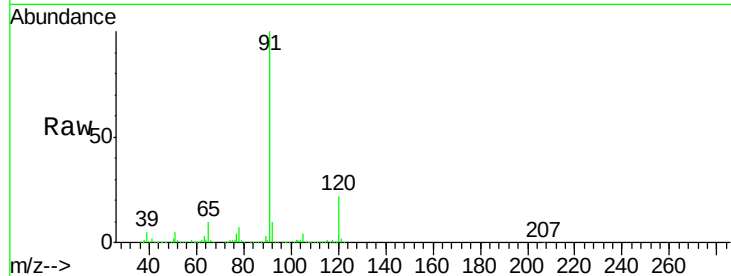
120 22.6 11.6 34.7

Manual Integrations

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#79

2-Chlorotoluene

Concen: 140.908 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VY000023.D

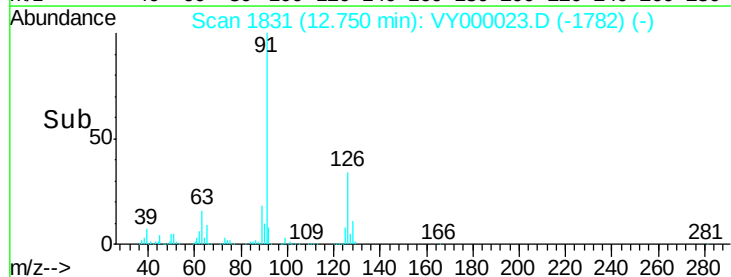
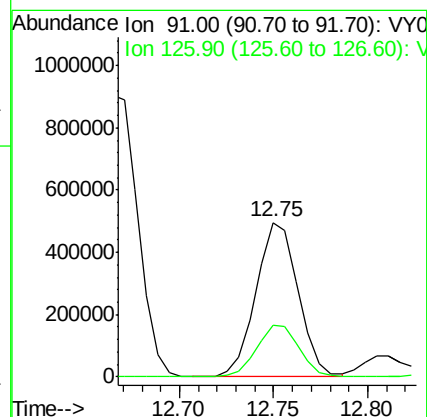
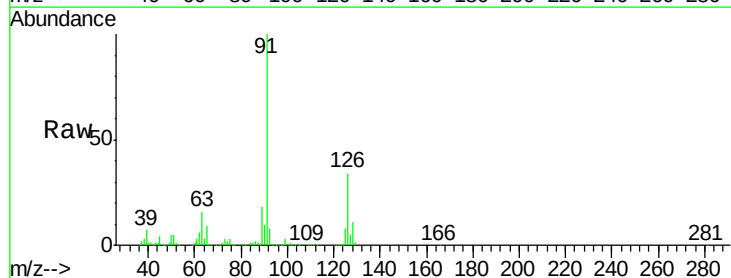
Acq: 12 Sep 2019 13:16

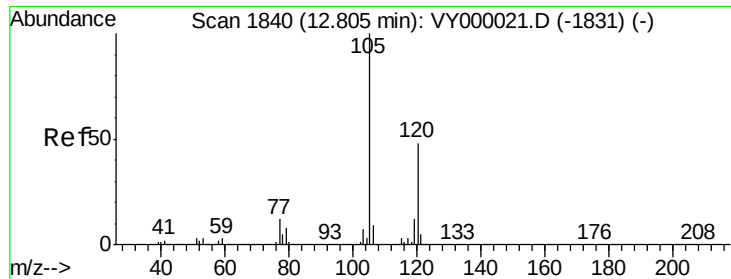
Tgt Ion: 91 Resp: 769472

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.7





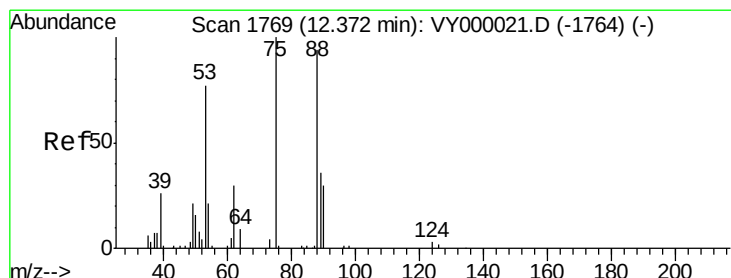
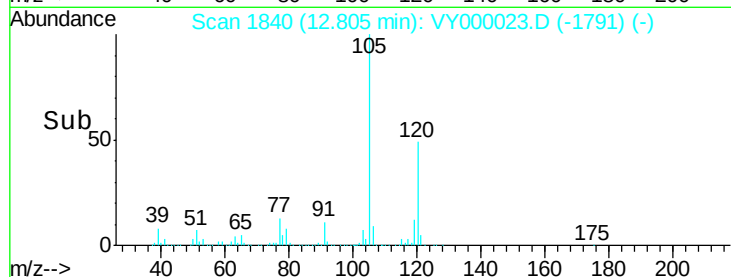
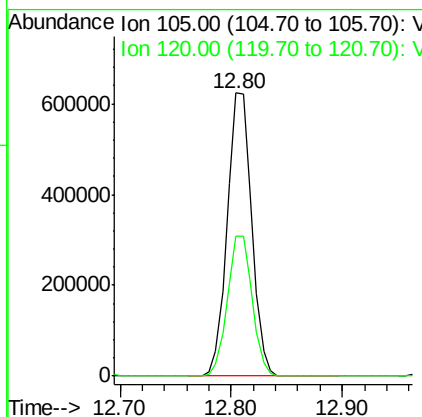
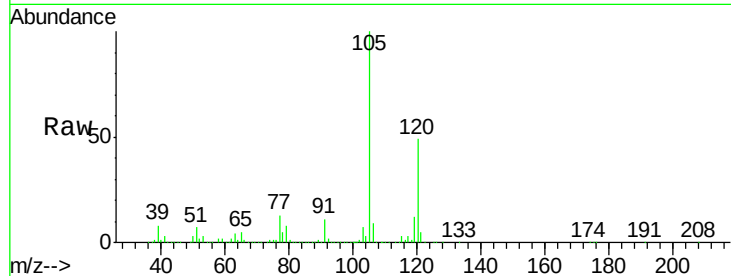
#80
 1,3,5-Trimethylbenzene
 Concen: 141.751 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.3	73.0

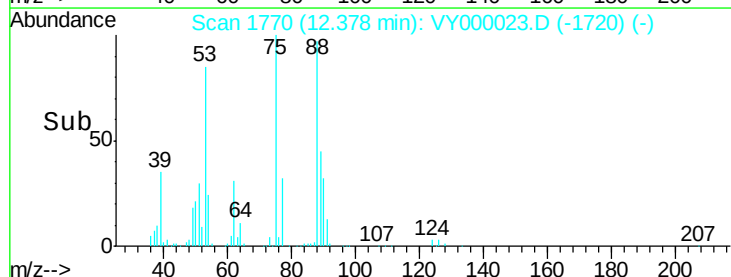
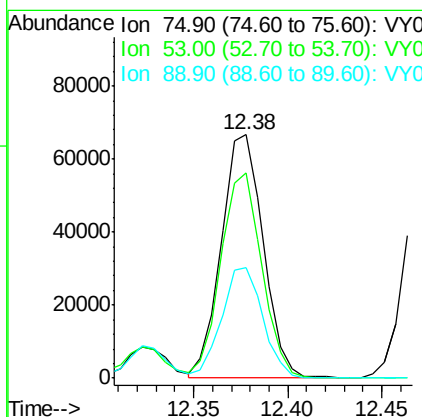
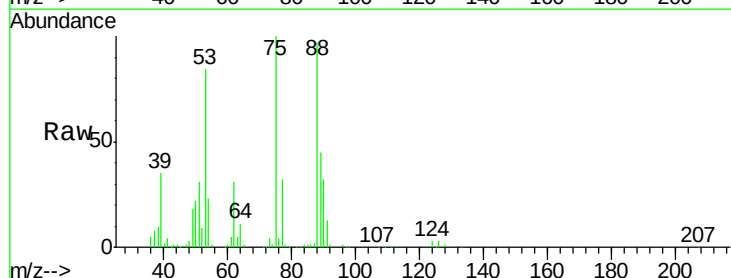
Manual Integrations
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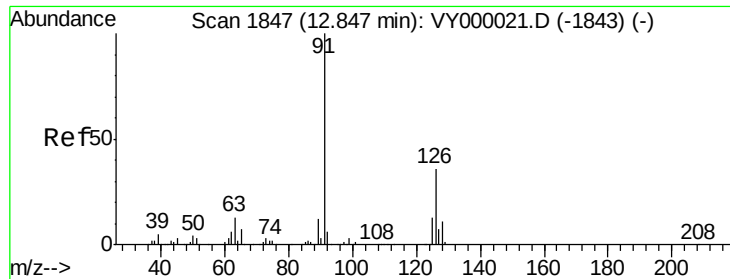
MMDadoda
 9/13/2019 11:53:57 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.096 ug/l
 RT: 12.38 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.8	64.2	96.2
89	44.8	35.5	53.3





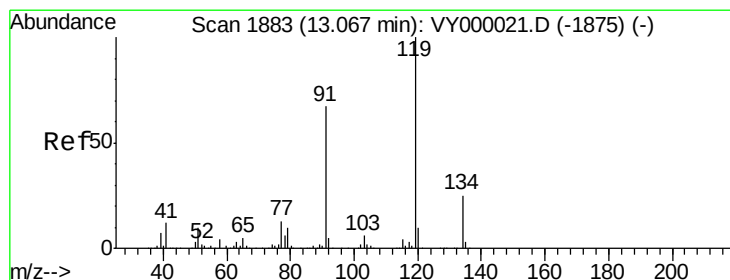
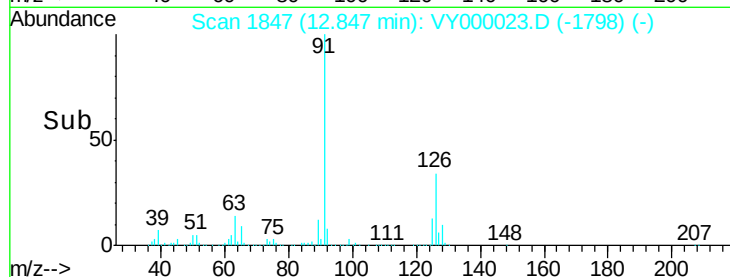
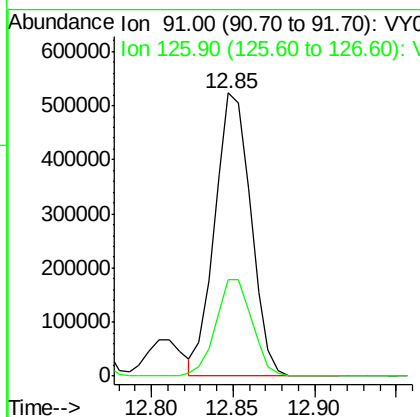
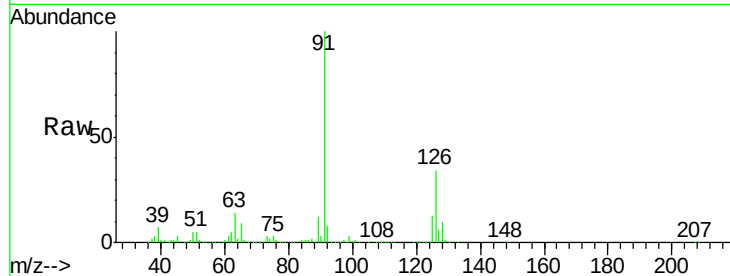
#82
4-Chlorotoluene
Concen: 140.460 ug/l
RT: 12.85 min Scan# 1847
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.2	51.5

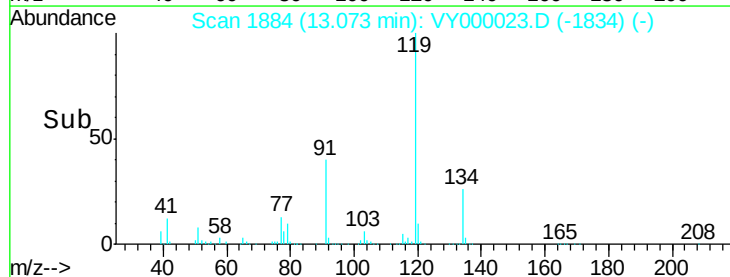
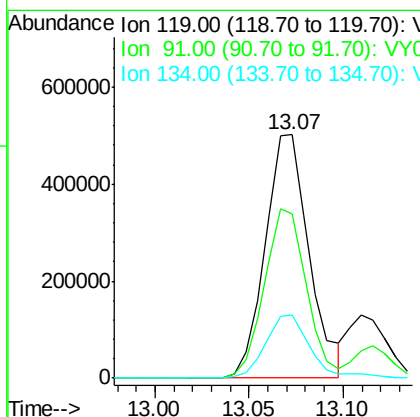
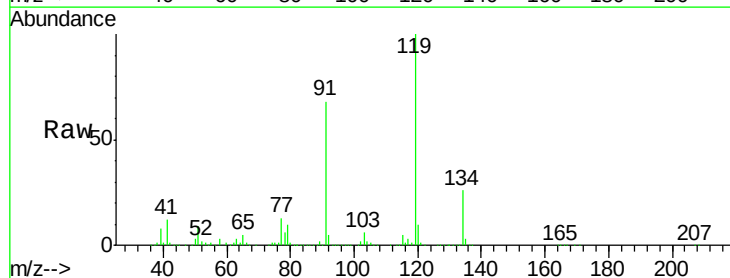
Manual Integrations
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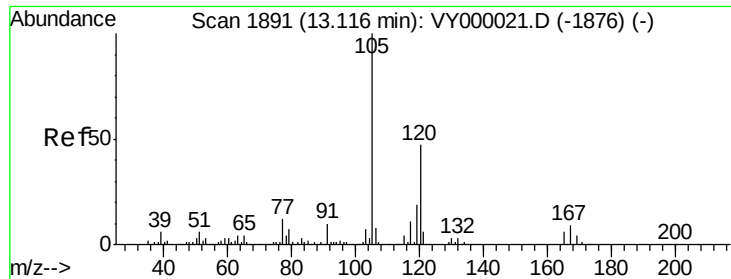
MMDadoda
9/13/2019 11:53:57 PM



#83
tert-Butylbenzene
Concen: 141.641 ug/l
RT: 13.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.1	99.5
134	26.2	13.5	40.5





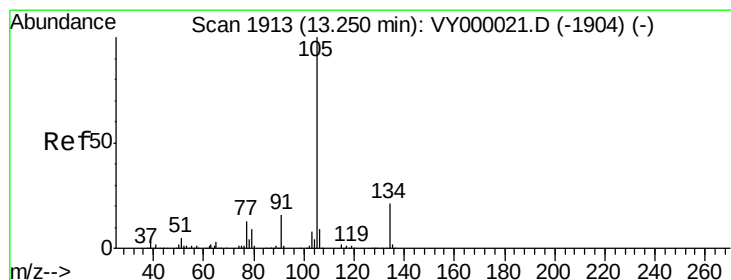
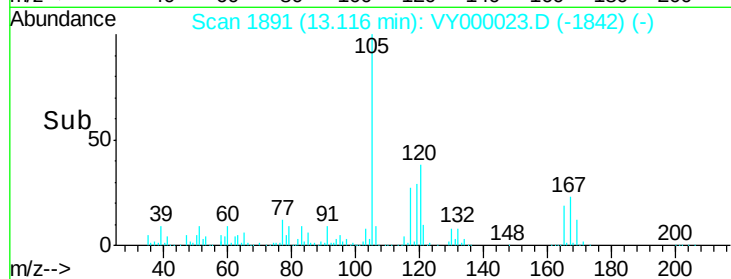
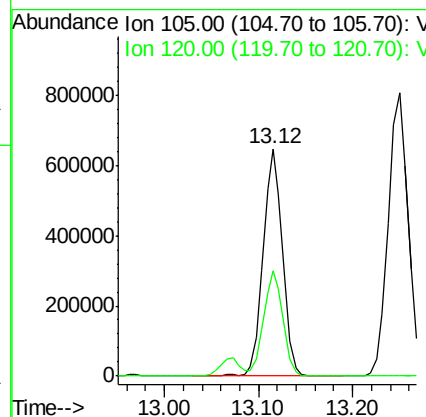
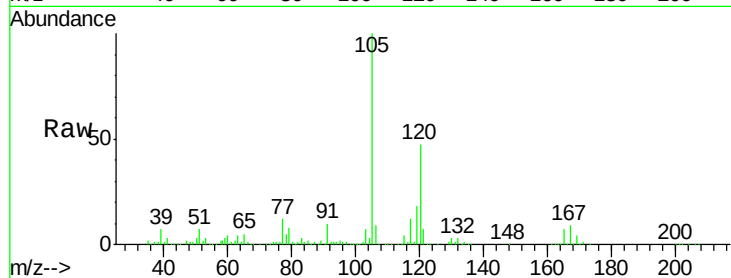
#84
 1,2,4-Trimethylbenzene
 Concen: 142.161 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.3

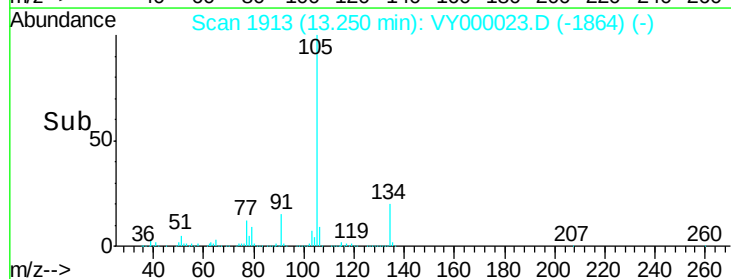
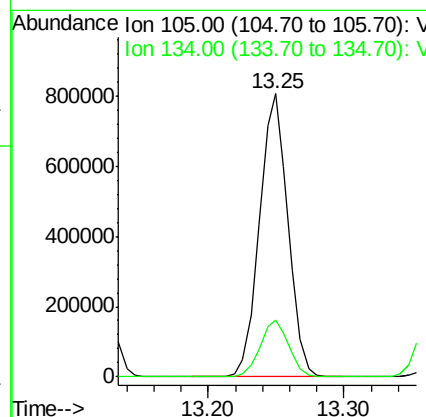
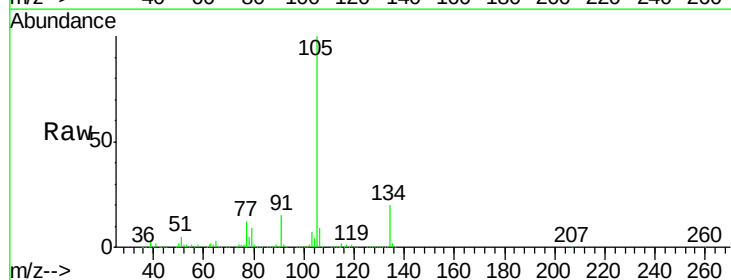
Manual Integrations
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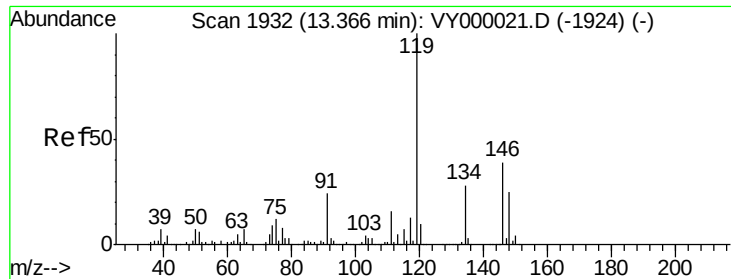
MMDadoda
 9/13/2019 11:53:57 PM



#85
 sec-Butylbenzene
 Concen: 139.937 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1





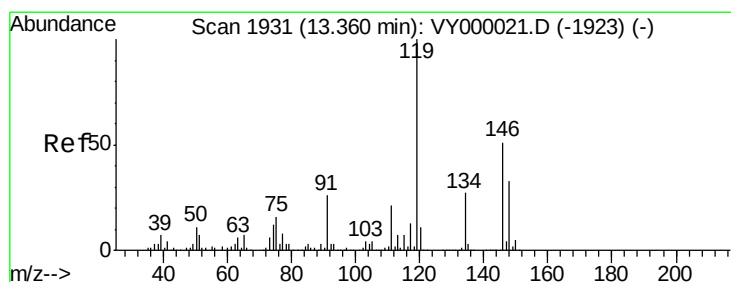
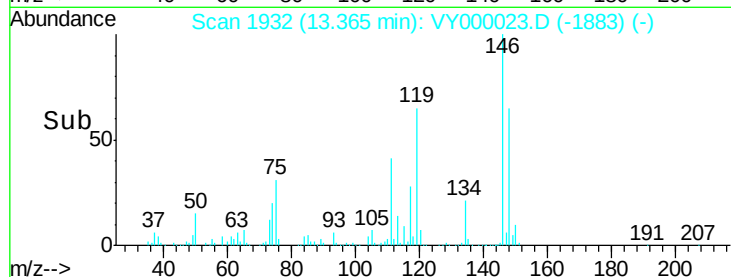
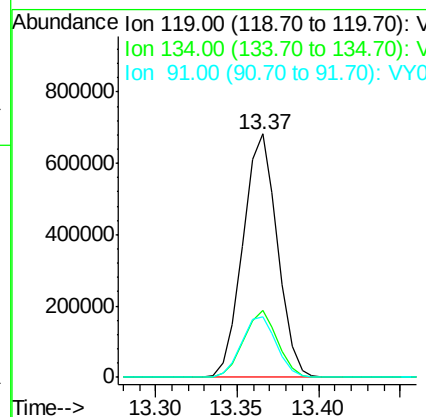
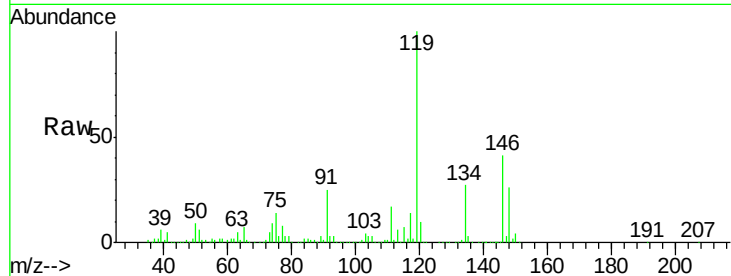
#86
 p-Isopropyltoluene
 Concen: 139.513 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.8	41.3
91	25.2	12.4	37.2

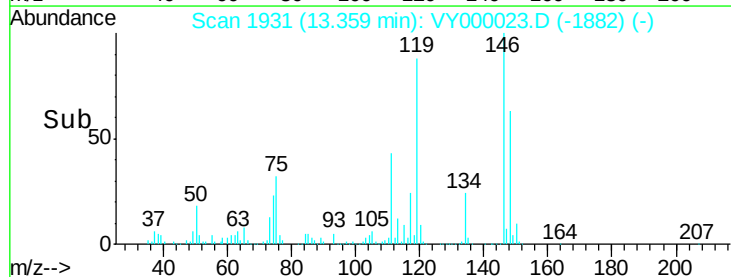
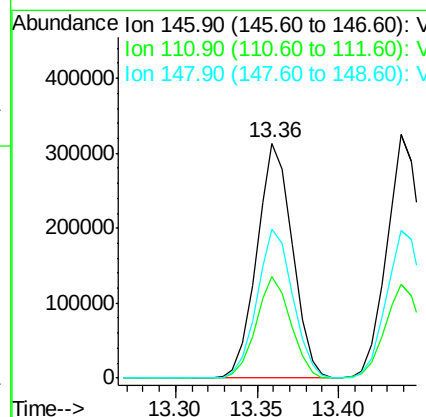
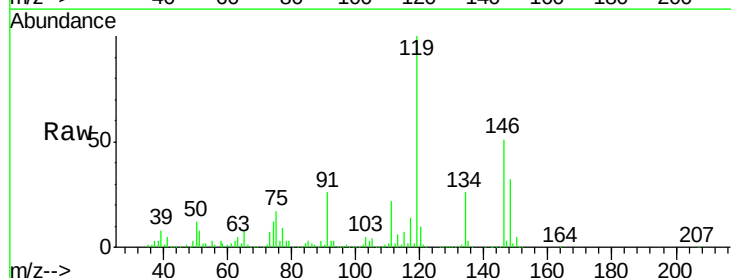
Manual Integrations
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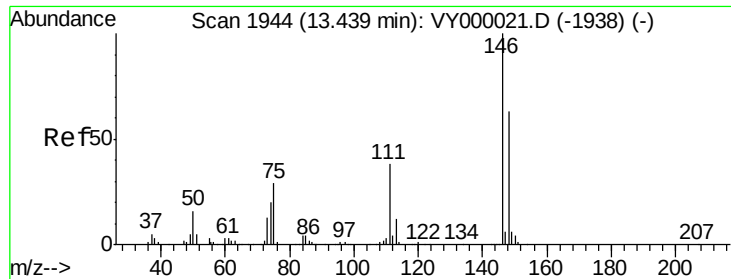
MMDadoda
 9/13/2019 11:53:57 PM



#87
 1,3-Dichlorobenzene
 Concen: 139.237 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.2	63.6
148	63.8	32.1	96.5





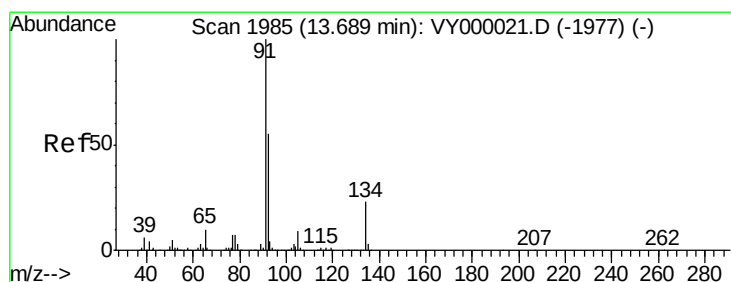
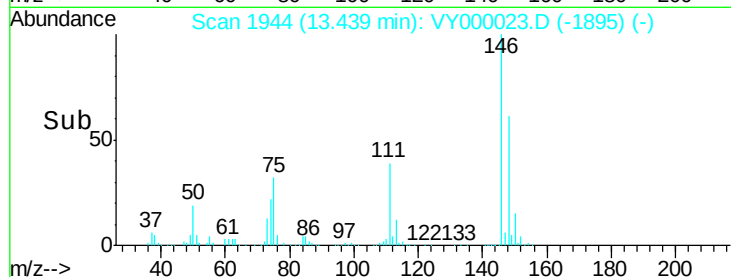
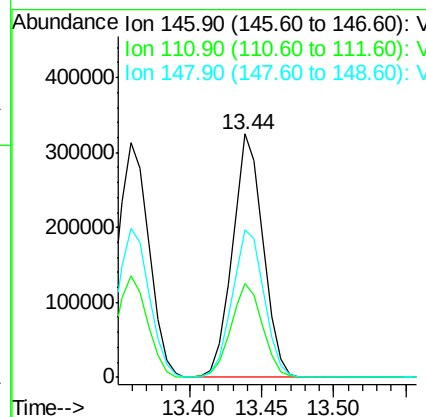
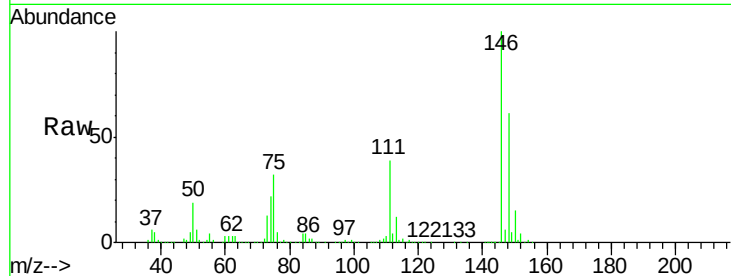
#88
 1,4-Dichlorobenzene
 Concen: 140.648 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	63.3	31.7	95.1

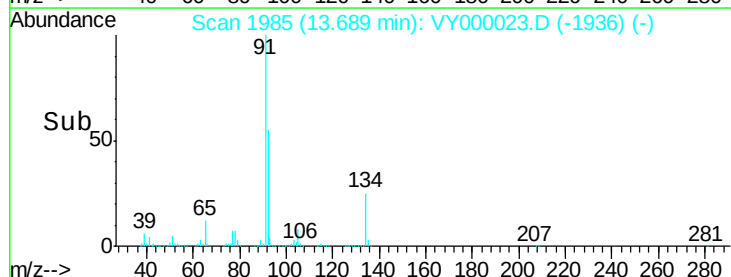
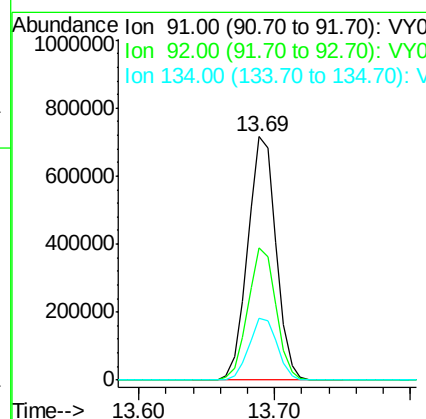
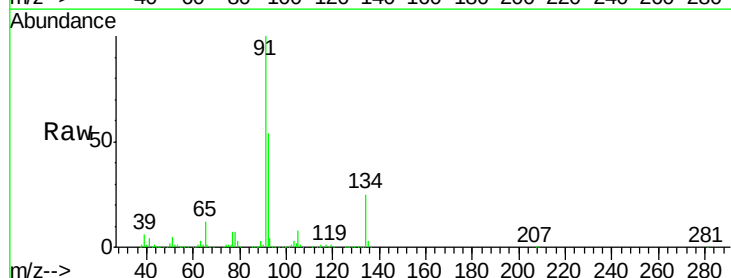
Manual Integrations
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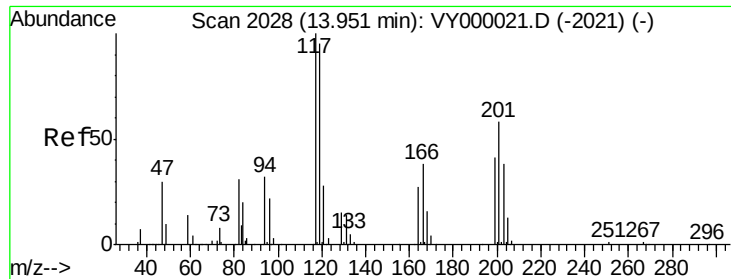
MMDadoda
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#89
 n-Butylbenzene
 Concen: 143.110 ug/l
 RT: 13.69 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	25.5	12.6	37.6





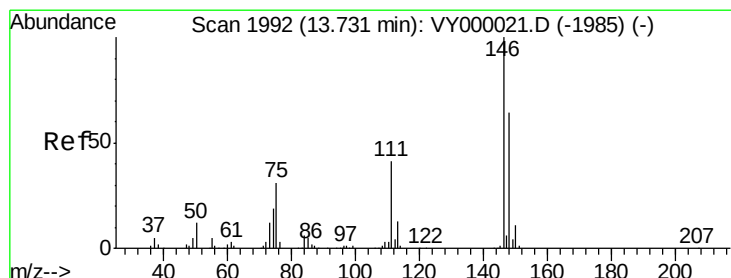
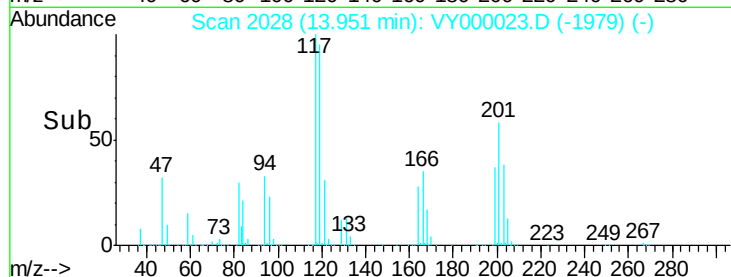
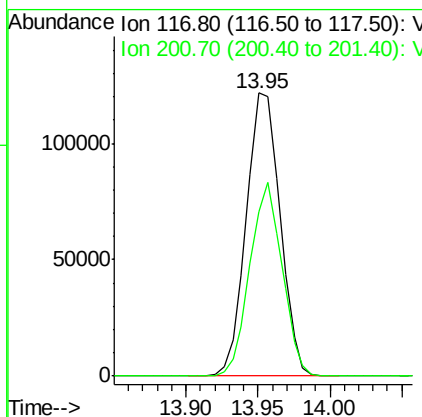
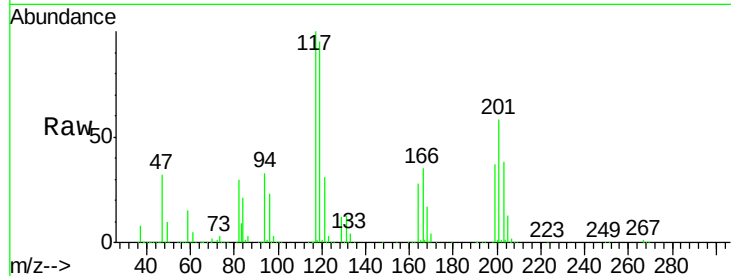
#90
Hexachloroethane
Concen: 138.416 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC150

Tot Ion:117 Resp: 198531
Ion Ratio Lower Upper
117 100
201 64.9 31.4 94.0

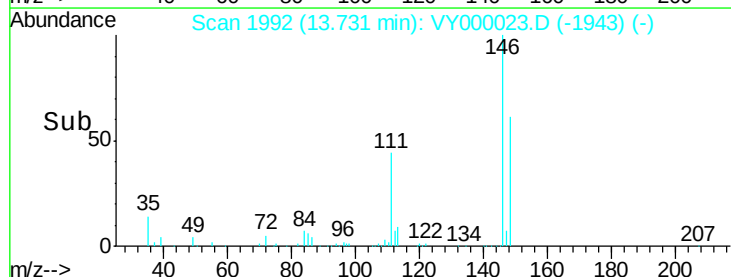
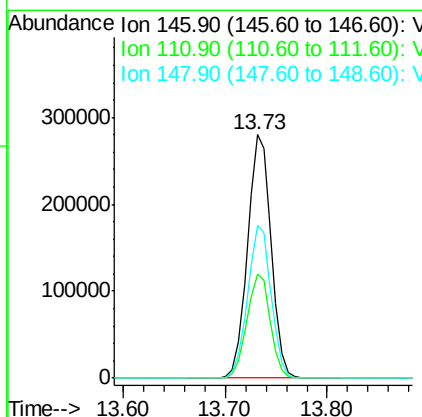
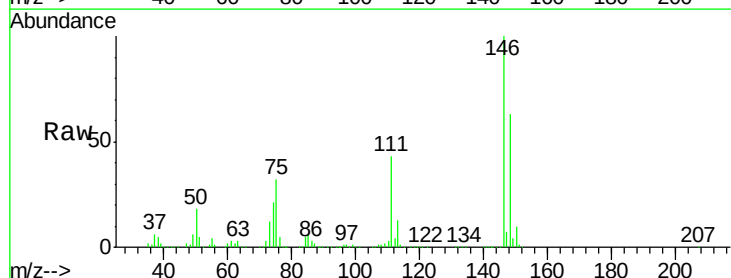
Manual Integrations
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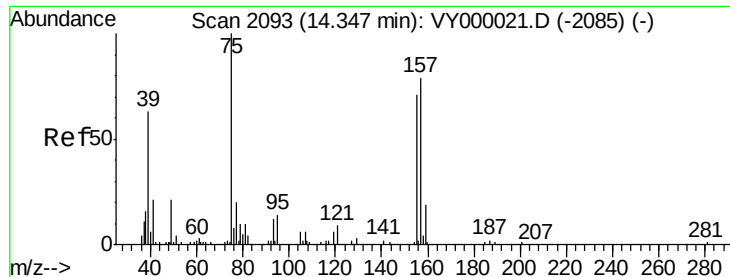
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 141.786 ug/l
RT: 13.73 min Scan# 1992
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion:146 Resp: 448907
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 62.7 31.6 95.0





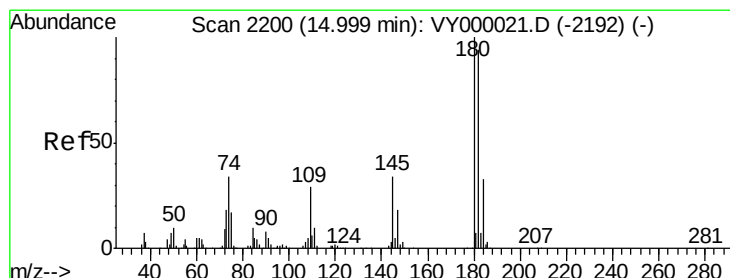
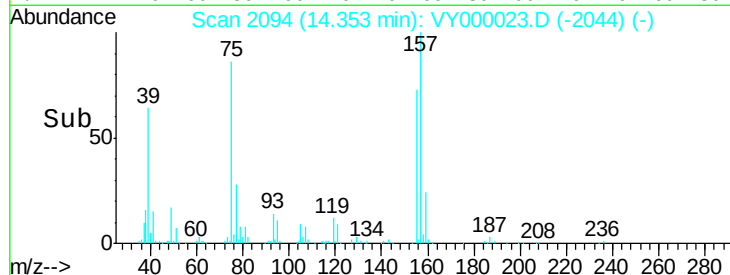
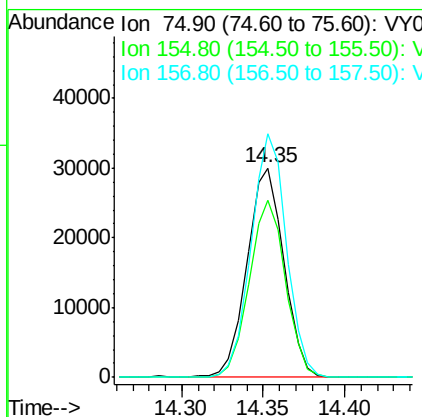
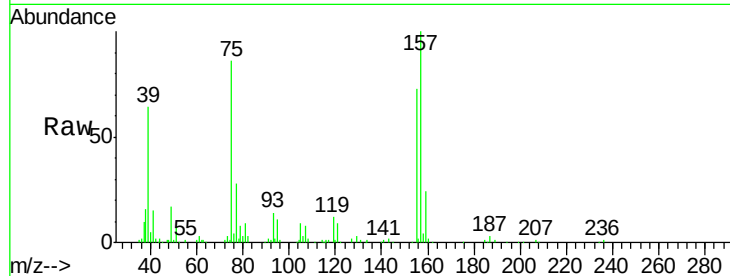
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 127.177 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.01 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	82.8	41.8	125.3
157	111.7	51.3	153.9

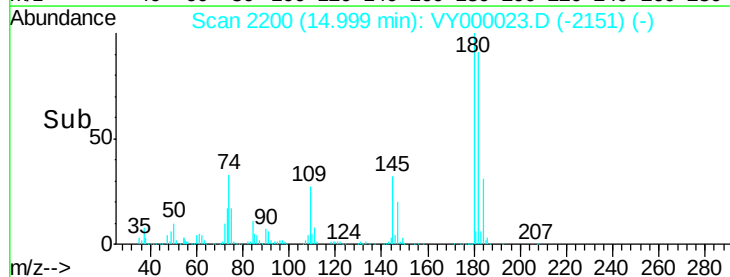
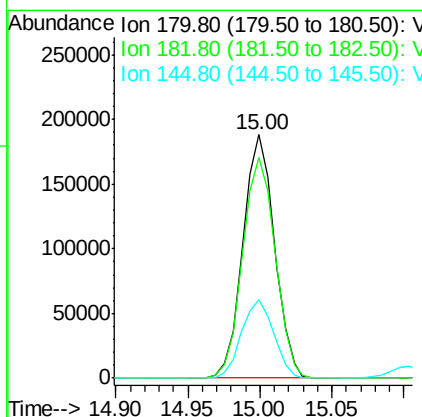
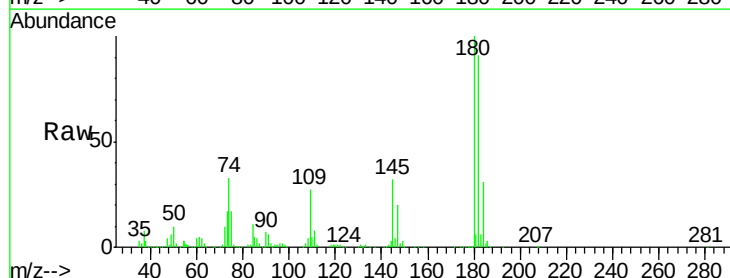
Manual Integrations
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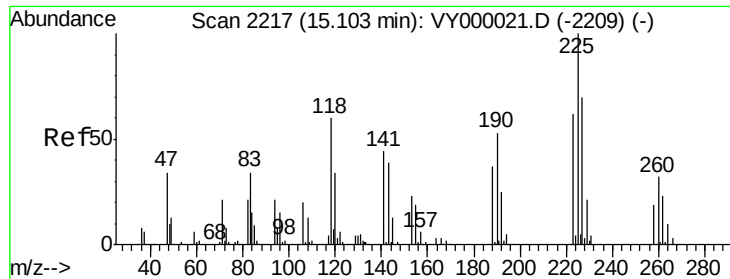
MMDadoda
 9/13/2019 11:53:57 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 140.922 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	33.0	16.7	50.1





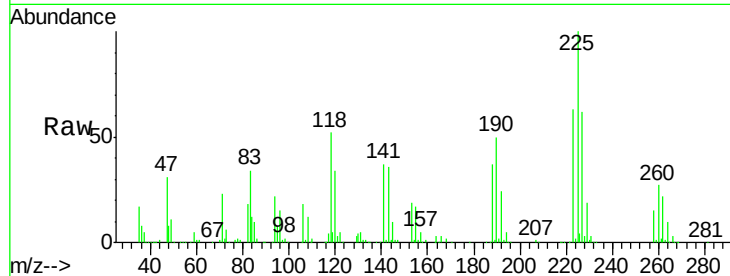
#94
Hexachlorobutadiene
Concen: 143.682 ug/l
RT: 15.10 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	63.0	30.9	92.7
227	61.5	31.0	93.0

Manual Integrations
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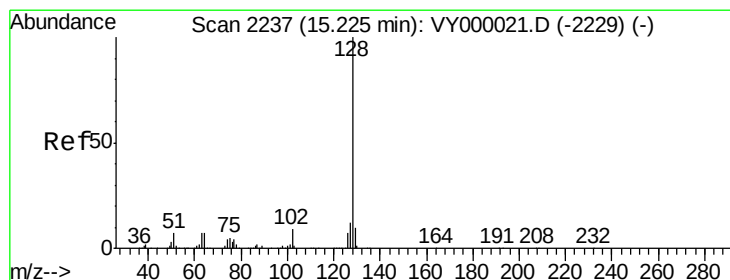
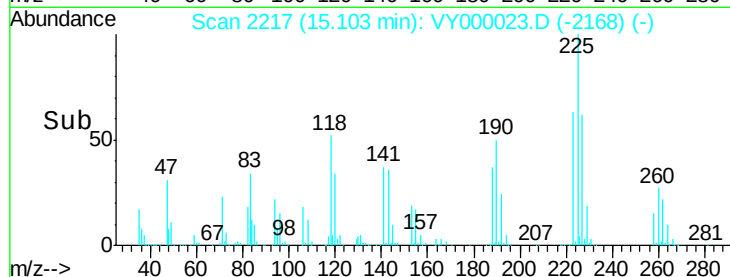
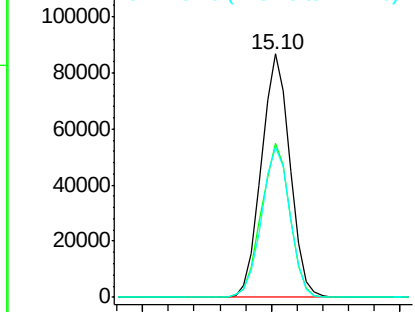


Abundance

Ion 224.70 (224.40 to 225.40): V

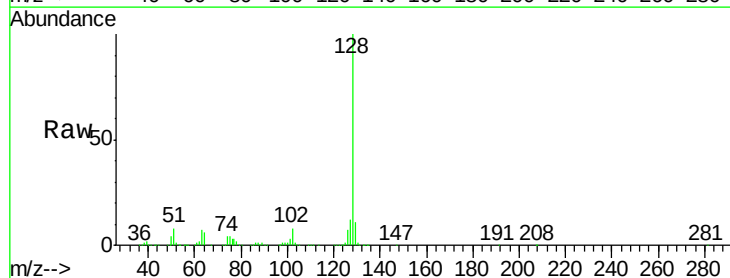
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 143.723 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.01 min
Lab File: VY000023.D
Acq: 12 Sep 2019 13:16

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
127	12.4	9.8	14.8
129	10.8	8.7	13.1

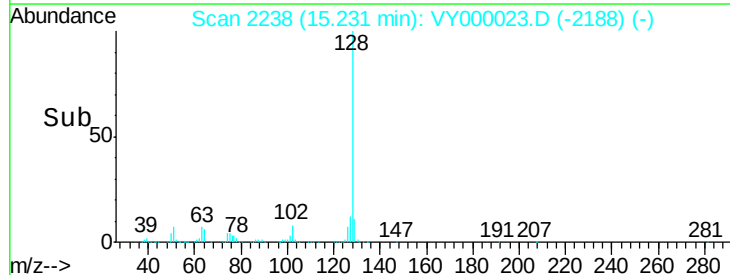
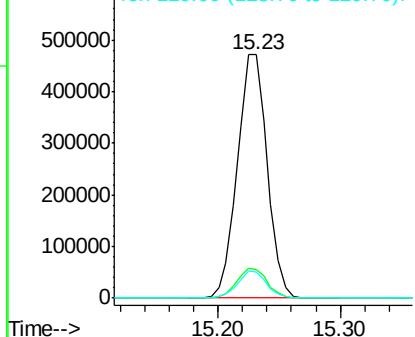


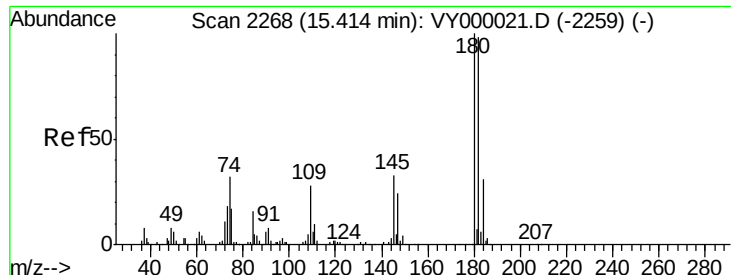
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 144.360 ug/l
 RT: 15.41 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: VY000023.D
 Acq: 12 Sep 2019 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	46.8	140.4
145	34.0	17.3	51.7

Manual Integrations
 APPROVED

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