

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031720\
 Data File : VY001989.D
 Acq On : 17 Mar 2020 09:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 11:13:09 AM

Quant Time: Mar 17 16:26:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	169982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	306482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	125949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	82615	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.75	113	80684	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	10.20	98	334515	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.50	95	115635	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.92	85	65665	41.850	ug/l	96
3) Chloromethane	2.13	50	93609	44.250	ug/l	99
4) Vinyl Chloride	2.27	62	98061	45.572	ug/l	100
5) Bromomethane	2.67	94	66303	53.122	ug/l	99
6) Chloroethane	2.82	64	65384	48.372	ug/l	93
7) Trichlorofluoromethane	3.15	101	138016	47.294	ug/l	96
8) Diethyl Ether	3.55	74	53648	46.644	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	91096	48.534	ug/l	99
10) Methyl Iodide	4.12	142	106685	49.150	ug/l	99
11) Tert butyl alcohol	4.99	59	44400	233.638	ug/l	98
12) 1,1-Dichloroethene	3.90	96	90208	47.732	ug/l	97
13) Acrolein	3.75	56	52294	205.071	ug/l	96
14) Allyl chloride	4.51	41	160923	48.031	ug/l	99
15) Acrylonitrile	5.20	53	137772	224.164	ug/l	99
16) Acetone	3.97	43	138869	262.740	ug/l	97
17) Carbon Disulfide	4.22	76	285132	44.881	ug/l	98
18) Methyl Acetate	4.51	43	59084	43.507	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	242624	47.374	ug/l	100
20) Methylene Chloride	4.75	84	101539	44.825	ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	103317	48.164	ug/l	99
22) Diisopropyl ether	6.15	45	337487	49.141	ug/l	95
23) Vinyl Acetate	6.09	43	1057788	234.945	ug/l	98
24) 1,1-Dichloroethane	6.05	63	182667	49.116	ug/l	99
25) 2-Butanone	7.02	43	190862	237.459	ug/l	98
26) 2,2-Dichloropropane	7.01	77	154407	50.583	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	114956	49.266	ug/l	99
28) Bromochloromethane	7.36	49	82895	49.449	ug/l	100
29) Tetrahydrofuran	7.38	42	114552	214.616	ug/l	99
30) Chloroform	7.53	83	169958	48.640	ug/l	99
31) Cyclohexane	7.81	56	181924	45.621	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	148100	50.288	ug/l	99
36) 1,1-Dichloropropene	7.94	75	145004	49.166	ug/l	99
37) Ethyl Acetate	7.10	43	75408	43.992	ug/l	98
38) Carbon Tetrachloride	7.92	117	126793	50.326	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	187366	47.899	ug/l	99
40) Benzene	8.19	78	427295	48.880	ug/l	99
41) Methacrylonitrile	7.35	41	43930m	56.947	ug/l	
42) 1,2-Dichloroethane	8.26	62	108396	48.121	ug/l	100
43) Isopropyl Acetate	8.30	43	150255	46.299	ug/l	100
44) Trichloroethene	8.96	130	104662	49.161	ug/l	95
45) 1,2-Dichloropropane	9.24	63	108986	49.595	ug/l	99
46) Dibromomethane	9.33	93	52749	46.580	ug/l	99
47) Bromodichloromethane	9.52	83	131945	50.088	ug/l	99
48) Methyl methacrylate	9.31	41	65538	45.511	ug/l	94
49) 1,4-Dioxane	9.31	88	12519	806.788	ug/l	97
51) 4-Methyl-2-Pentanone	10.09	43	383686	229.535	ug/l	100
52) Toluene	10.26	92	261772	49.294	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	143244	49.911	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	169868	49.719	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	80721	48.706	ug/l	97
56) Ethyl methacrylate	10.52	69	114892	47.296	ug/l	98
57) 1,3-Dichloropropane	10.81	76	140056	47.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	181966	209.011	ug/l	100
59) 2-Hexanone	10.85	43	276634	231.863	ug/l	99
60) Dibromochloromethane	11.00	129	87885	50.325	ug/l	100
61) 1,2-Dibromoethane	11.11	107	74357	47.365	ug/l	100
64) Tetrachloroethene	10.74	164	85509	50.049	ug/l	97
65) Chlorobenzene	11.53	112	273174	50.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	91879	51.613	ug/l	99
67) Ethyl Benzene	11.61	91	508575	50.235	ug/l	100
68) m/p-Xylenes	11.72	106	377552	100.871	ug/l	100
69) o-Xylene	12.05	106	179520	50.887	ug/l	97
70) Styrene	12.06	104	308493	51.057	ug/l	100
71) Bromoform	12.22	173	48109	49.833	ug/l #	100
73) Isopropylbenzene	12.34	105	483327	50.270	ug/l	99
74) N-amyl acetate	12.16	43	133714	45.251	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	96065	46.333	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	60153m	40.250	ug/l	
77) Bromobenzene	12.63	156	101748	49.949	ug/l	96
78) n-propylbenzene	12.69	91	598634	50.468	ug/l	100
79) 2-Chlorotoluene	12.77	91	325860	49.724	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	398666	50.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	35712	48.269	ug/l	97
82) 4-Chlorotoluene	12.87	91	342773	50.236	ug/l	99
83) tert-Butylbenzene	13.09	119	335848	51.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	397468	50.600	ug/l	100
85) sec-Butylbenzene	13.27	105	497679	51.359	ug/l	100
86) p-Isopropyltoluene	13.38	119	429263	51.353	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	199607	50.005	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	200107	49.414	ug/l	99
89) n-Butylbenzene	13.71	91	439956	50.730	ug/l	99
90) Hexachloroethane	13.97	117	82126	52.079	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	177514	48.950	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14049	43.423	ug/l	98

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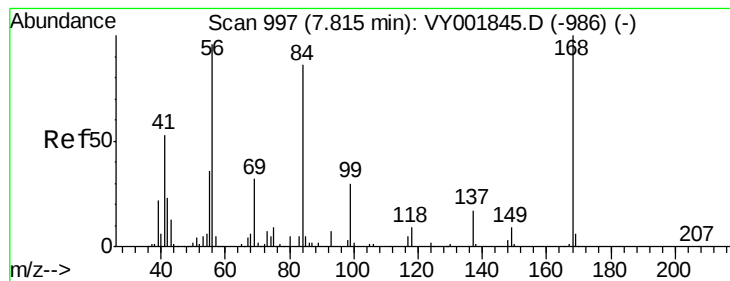
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	112016	47.630	ug/l	98
94) Hexachlorobutadiene	15.12	225	57616	50.249	ug/l	99
95) Naphthalene	15.25	128	251049	45.004	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99172	47.868	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 169982

Ion Ratio Lower Upper

168 100

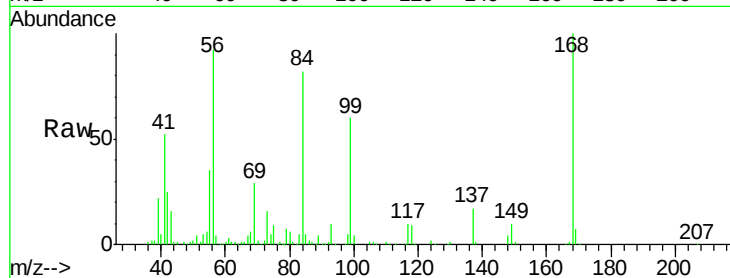
99 60.5 46.7 70.1

Manual Integrations

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3/18/2020 11:13:09 AM



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.82

80000

60000

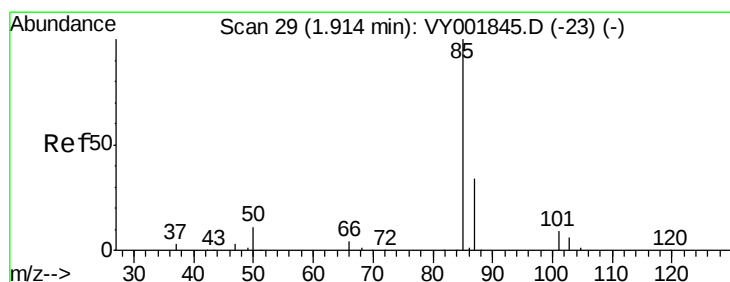
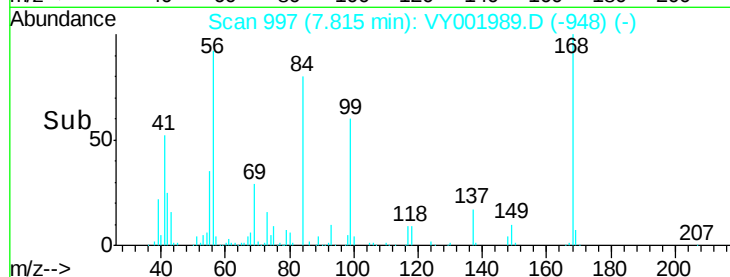
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.850 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001989.D

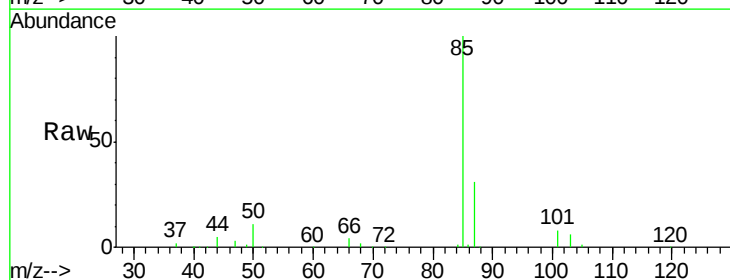
Acq: 17 Mar 2020 09:46

Tgt Ion: 85 Resp: 65665

Ion Ratio Lower Upper

85 100

87 31.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.92

50000

40000

30000

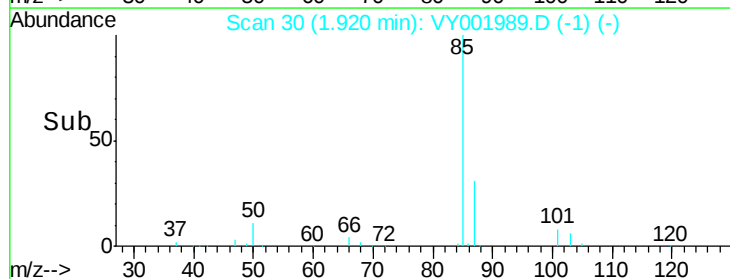
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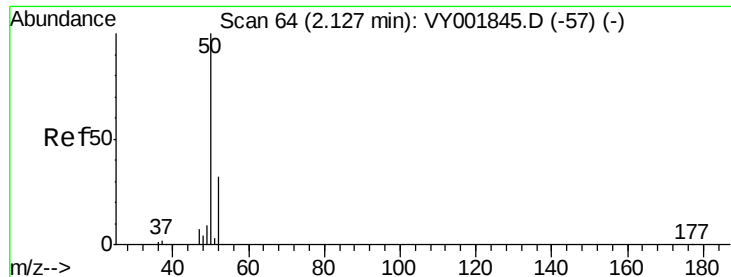
10000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.250 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 93609

Ion Ratio Lower Upper

50 100

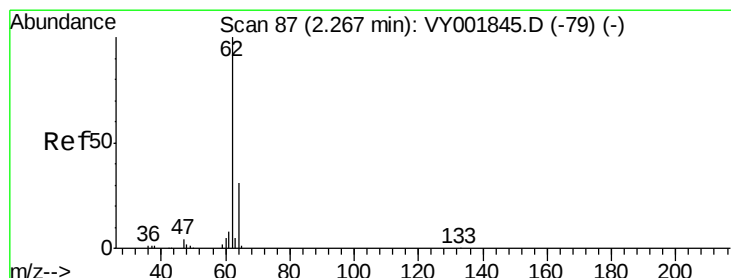
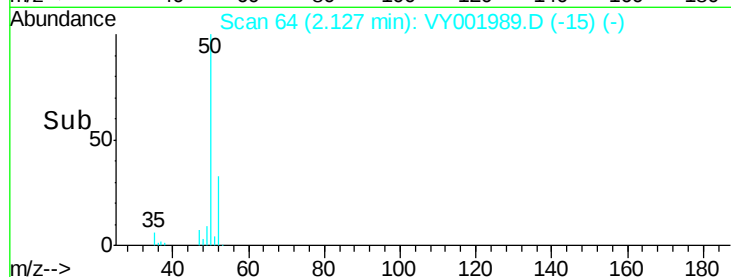
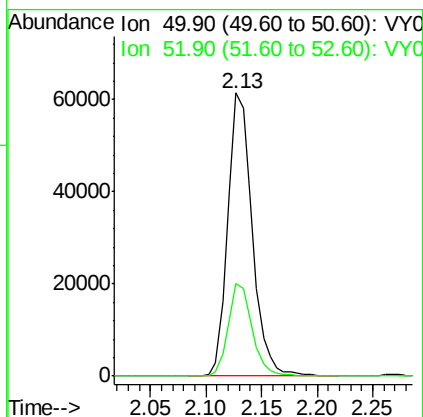
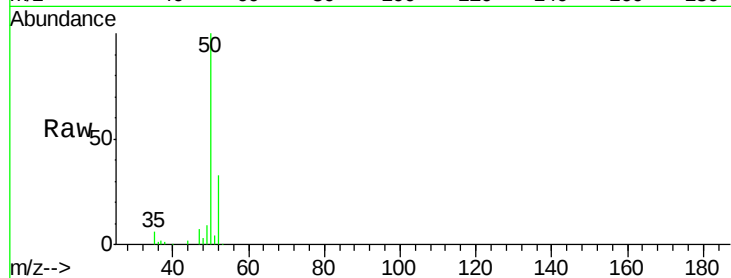
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.572 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001989.D

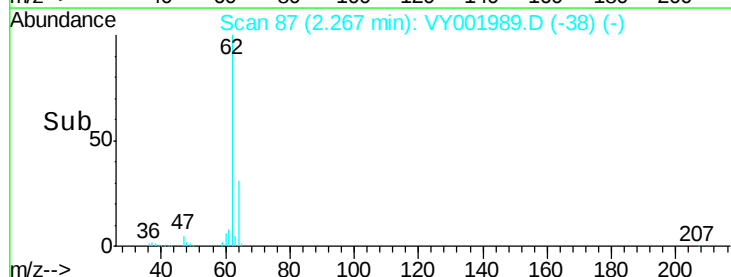
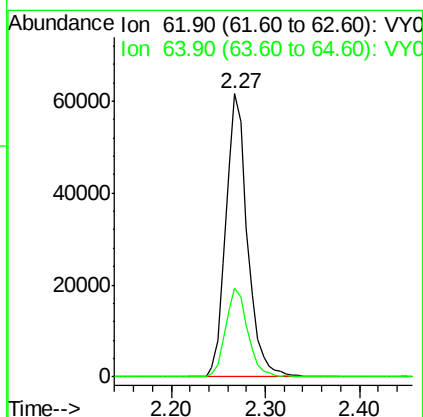
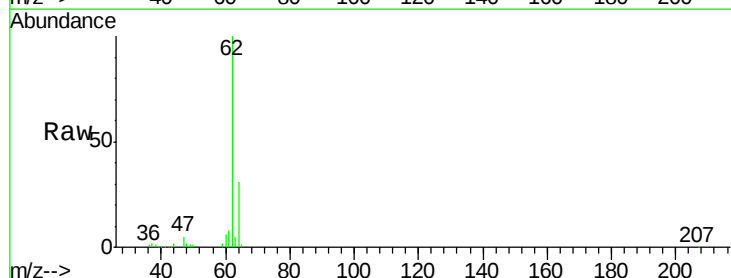
Acq: 17 Mar 2020 09:46

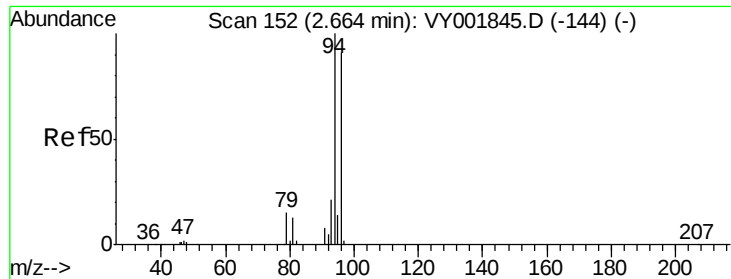
Tgt Ion: 62 Resp: 98061

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 53.122 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66303

Ion Ratio Lower Upper

94 100

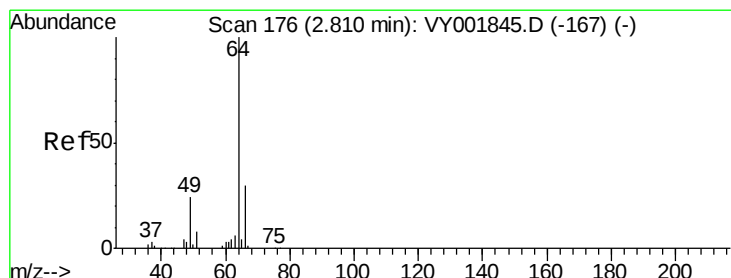
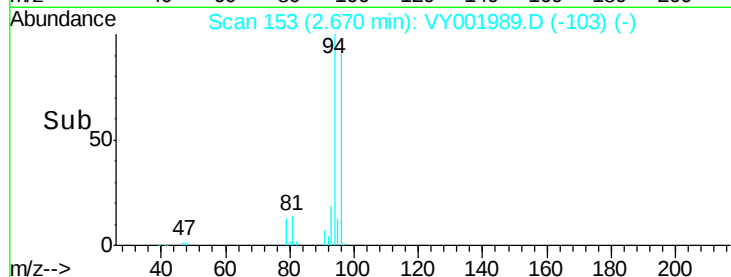
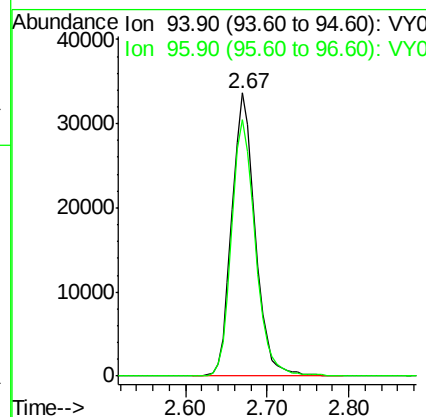
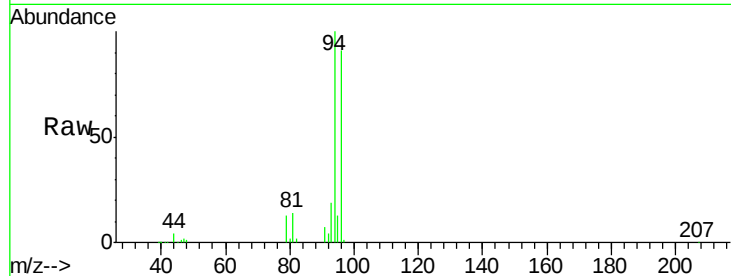
96 90.6 73.2 109.8

Manual Integrations

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#6

Chloroethane

Concen: 48.372 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001989.D

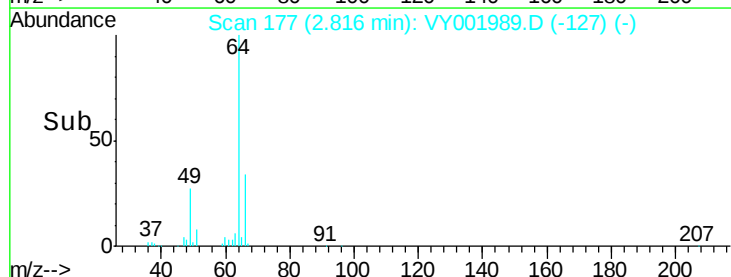
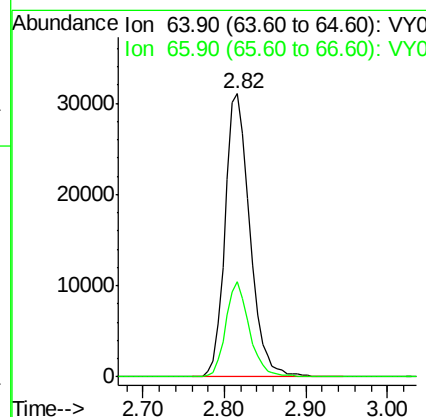
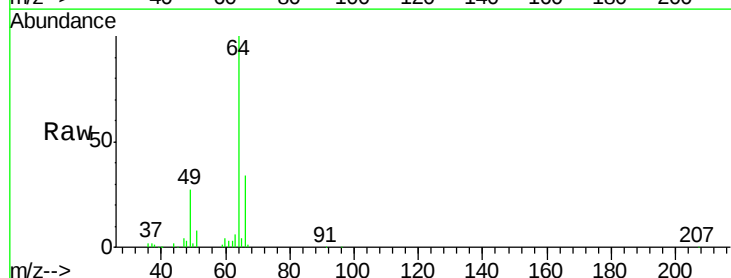
Acq: 17 Mar 2020 09:46

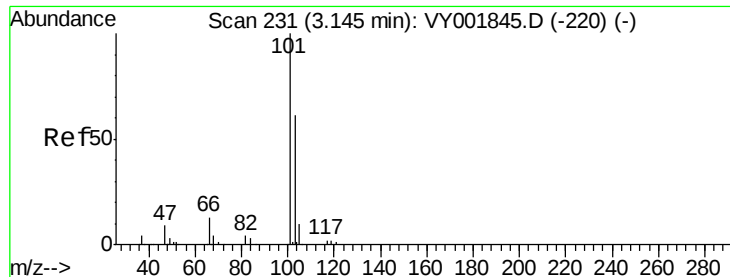
Tgt Ion: 64 Resp: 65384

Ion Ratio Lower Upper

64 100

66 33.6 23.8 35.8





#7

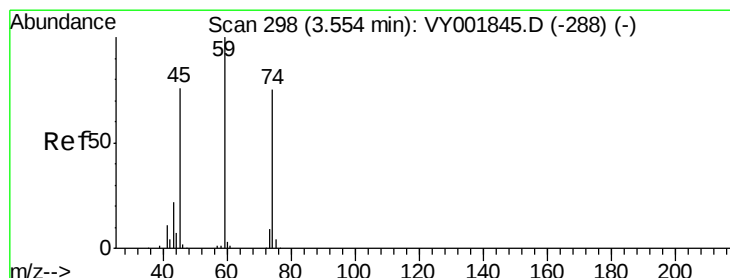
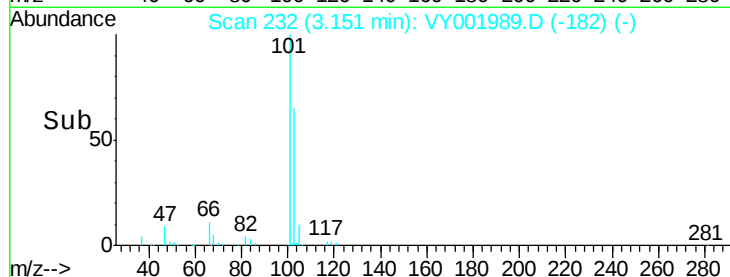
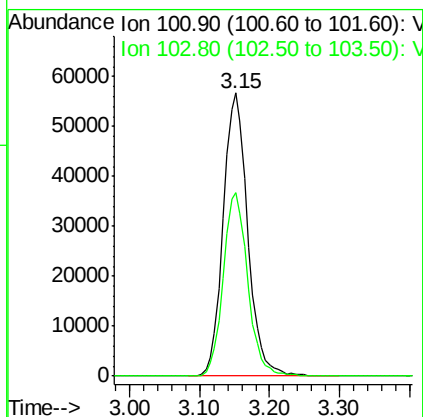
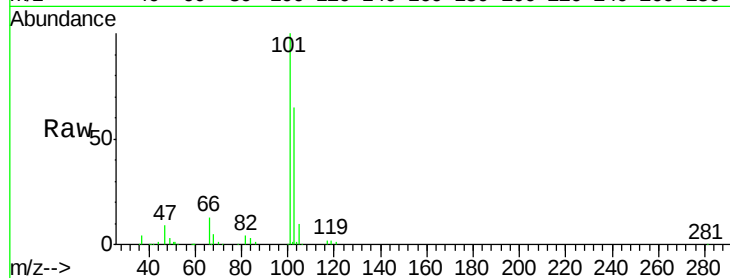
Trichlorofluoromethane
Concen: 47.294 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.1	73.7

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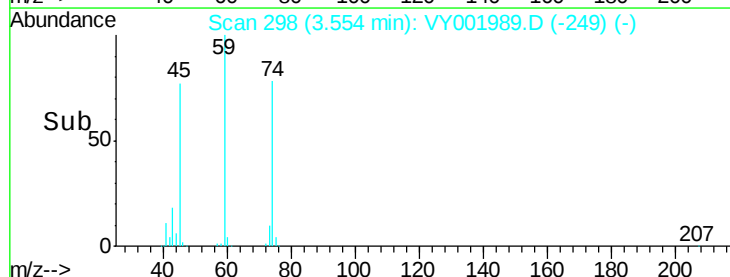
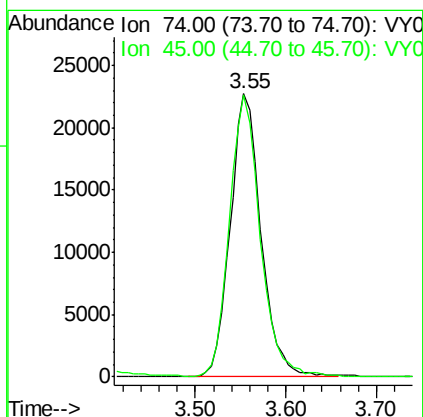
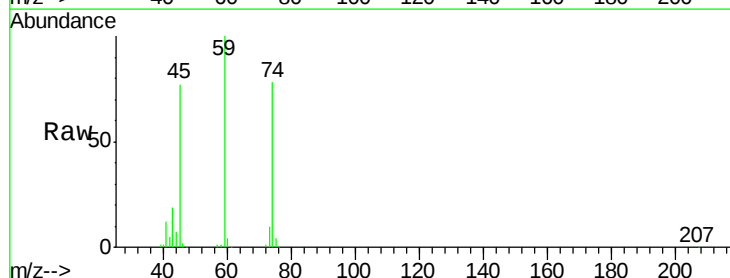
MMDadoda
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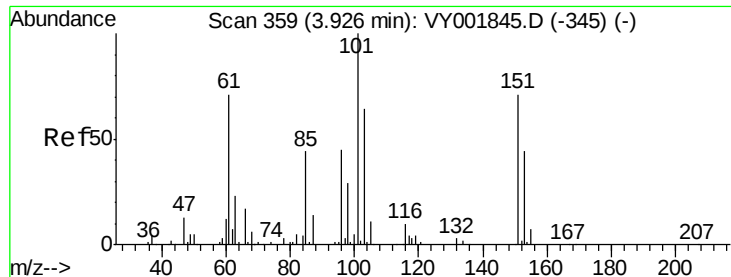


#8

Diethyl Ether
Concen: 46.644 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.534 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

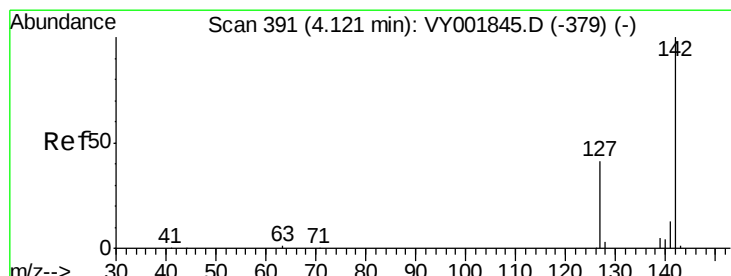
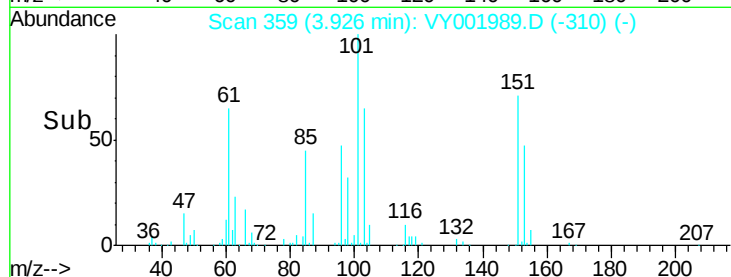
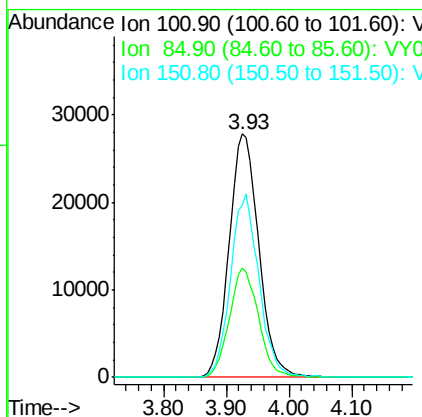
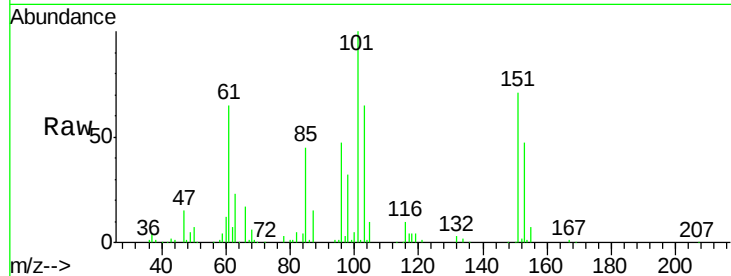
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	91096
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.3	52.9
151	72.2	57.0	85.4

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#10

Methyl Iodide

Concen: 49.150 ug/l

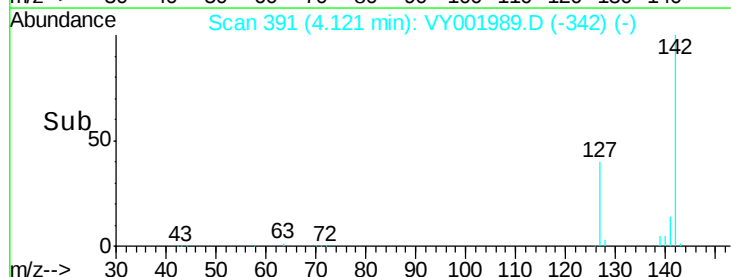
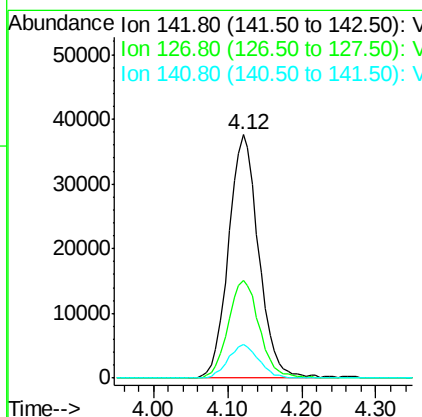
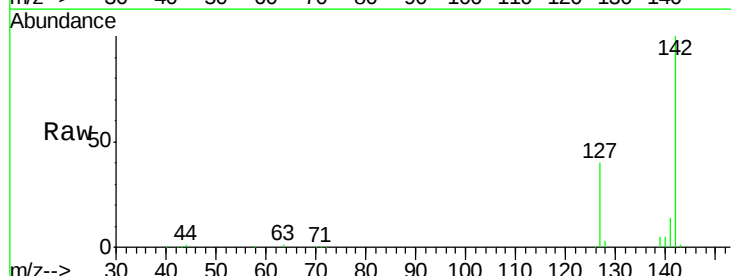
RT: 4.12 min Scan# 391

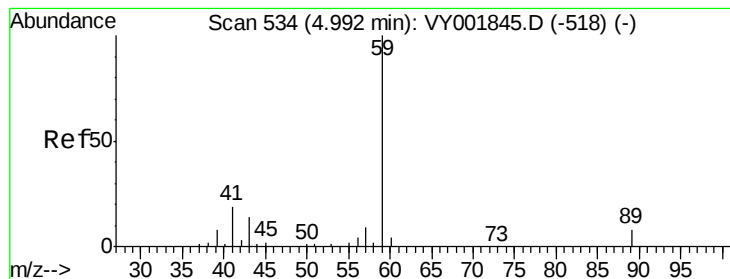
Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	142	Resp:	106685
Ion Ratio	Lower	Upper	
142	100		
127	41.4	32.7	49.1
141	14.1	11.0	16.6





#11

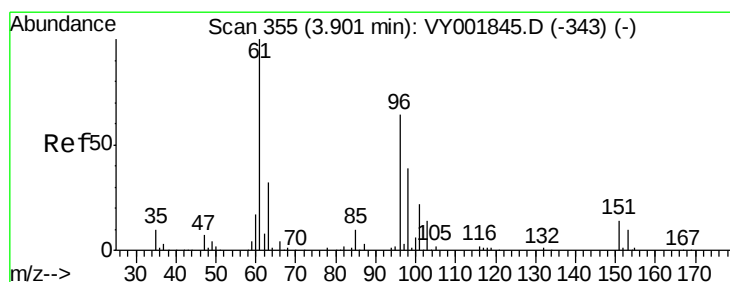
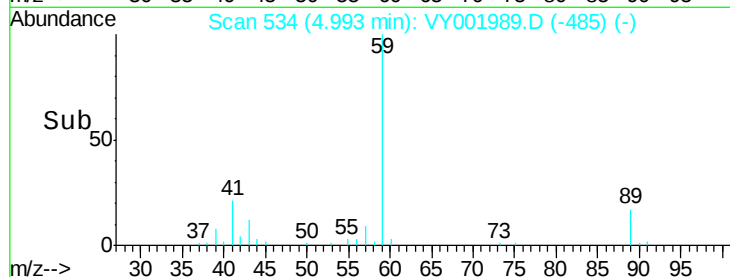
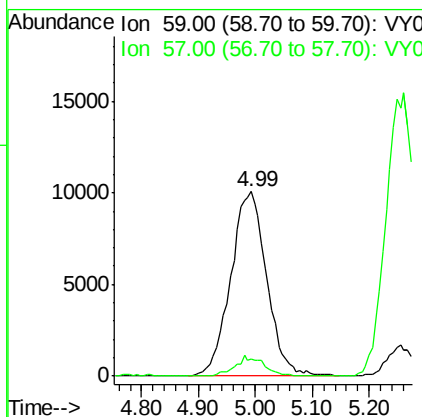
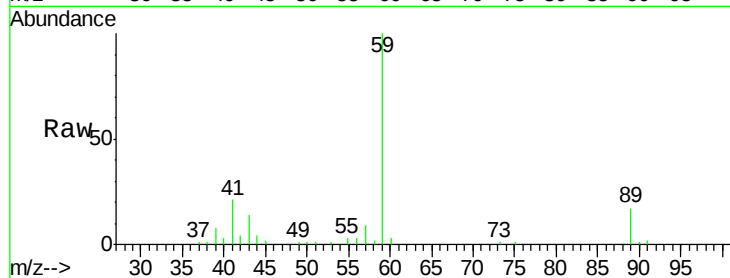
Tert butyl alcohol
Concen: 233.638 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	8.7	Resp	44400	Lower	Upper
59	100								
57		8.7						7.4	11.2

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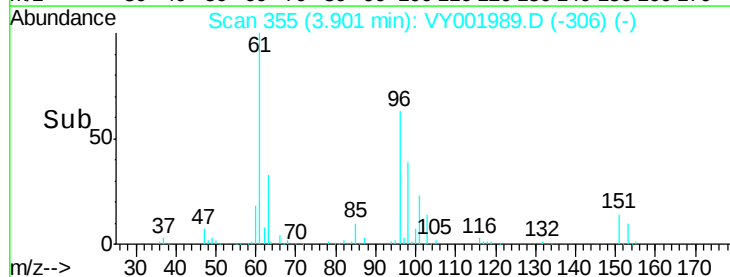
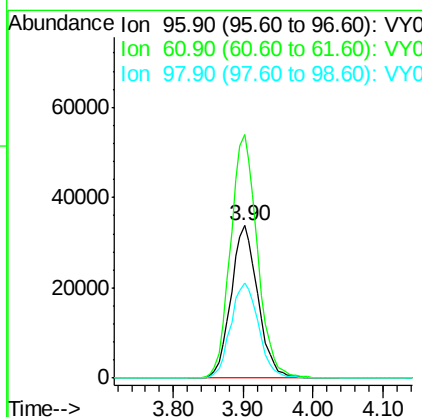
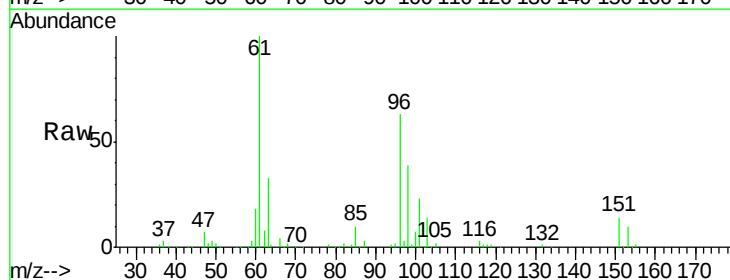
MMDadoda
3/18/2020 11:13:09 AM

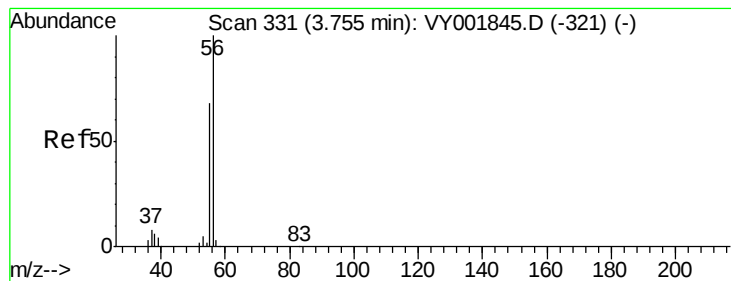


#12

1,1-Dichloroethene
Concen: 47.732 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	96	61	98	Ratio	100	160.0	62.4	Resp	90208	Lower	Upper
96	100										
61		160.0								124.8	187.2
98			62.4							49.2	73.8





#13

Acrolein

Concen: 205.071 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 52294

Ion Ratio Lower Upper

56 100

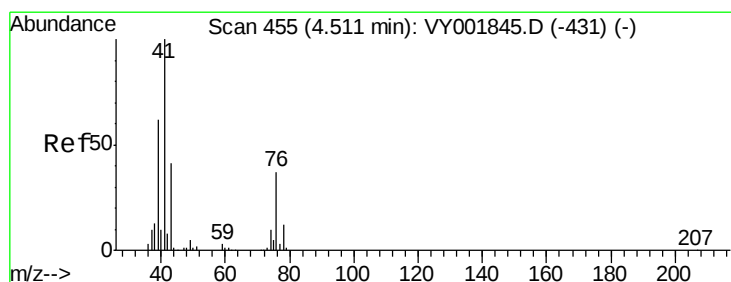
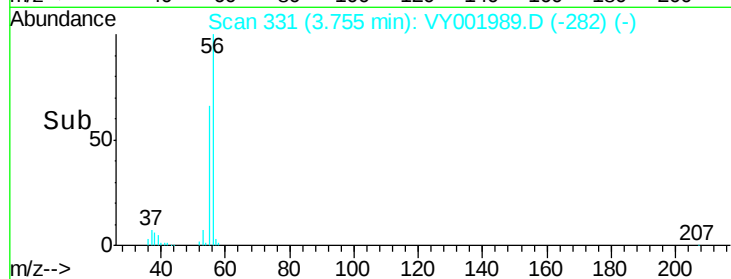
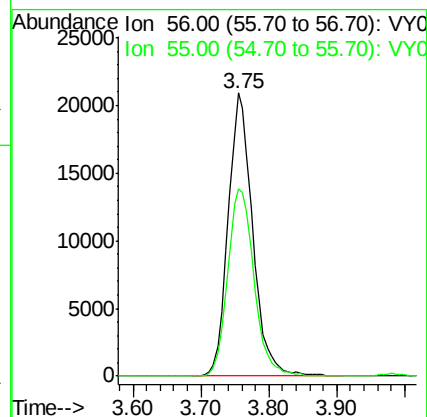
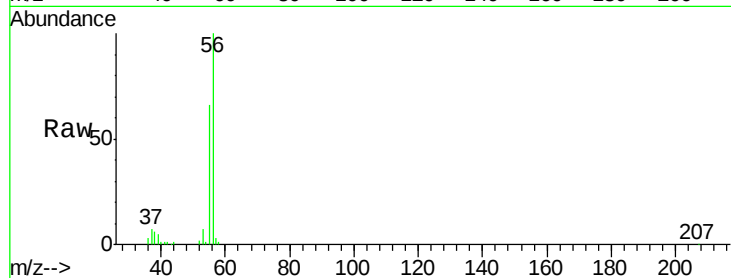
55 70.9 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 48.031 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

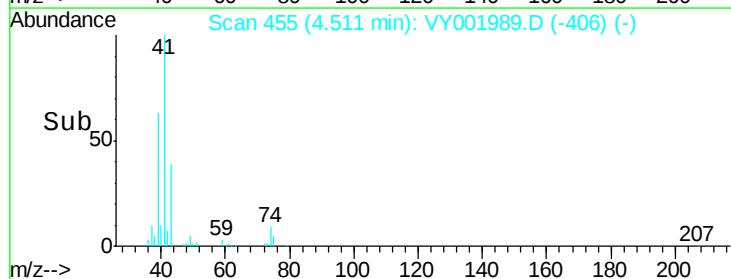
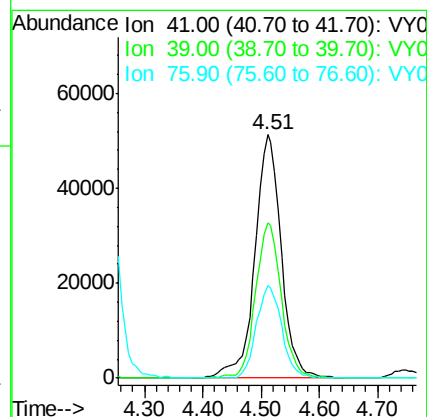
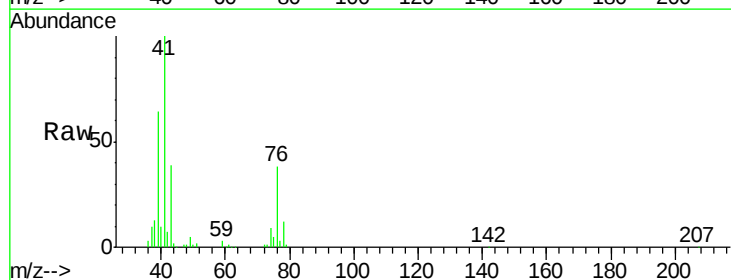
Tgt Ion: 41 Resp: 160923

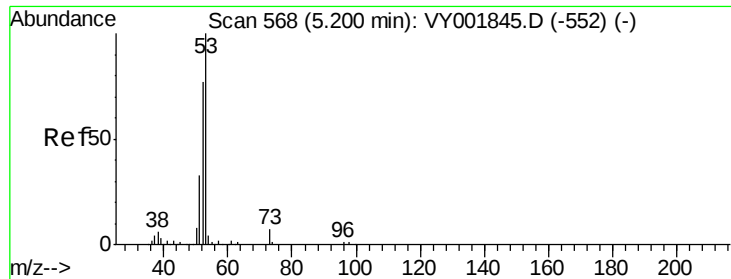
Ion Ratio Lower Upper

41 100

39 62.3 49.0 73.6

76 36.7 28.9 43.3





#15

Acrylonitrile

Concen: 224.164 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

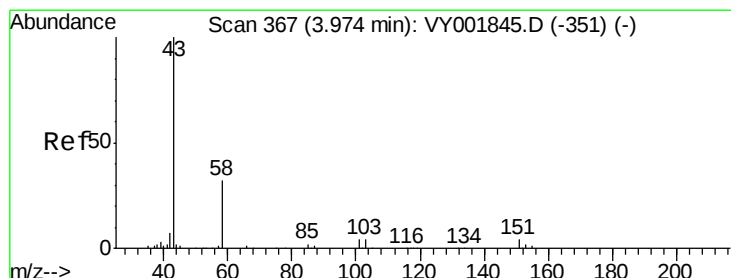
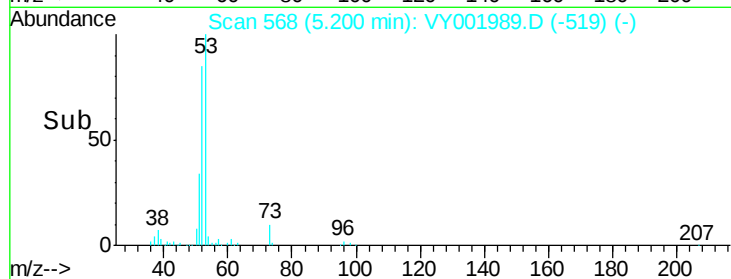
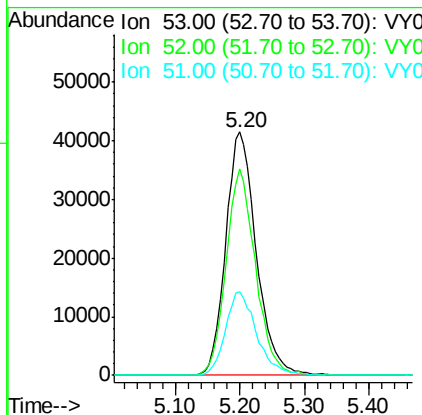
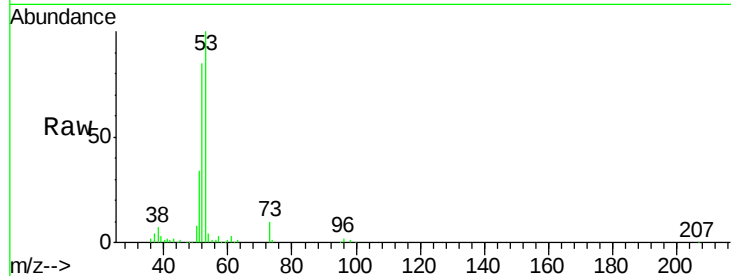
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	137772
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.1	97.7
51	35.0	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 262.740 ug/l

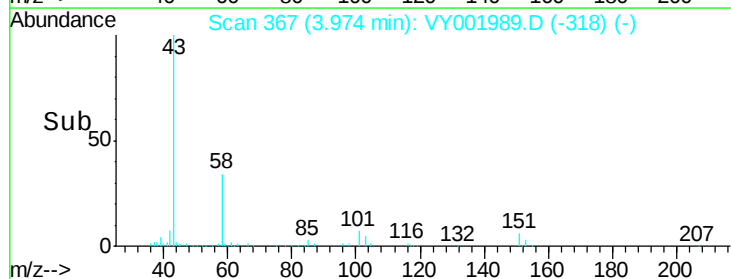
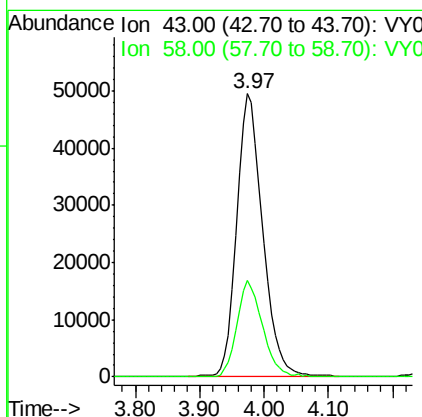
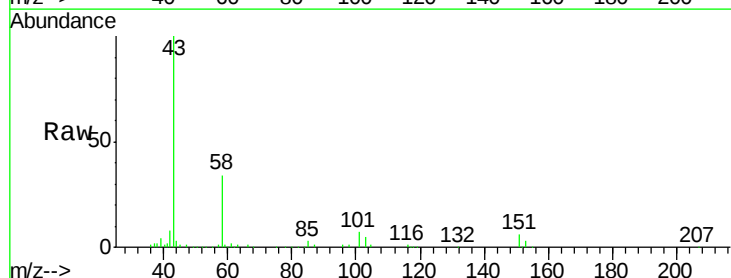
RT: 3.97 min Scan# 367

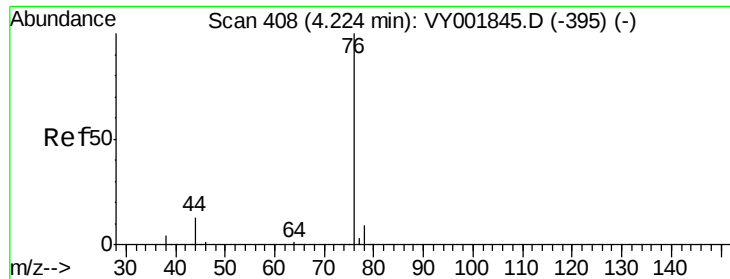
Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	43	Resp:	138869
Ion	Ratio	Lower	Upper
43	100		
58	34.1	25.9	38.9





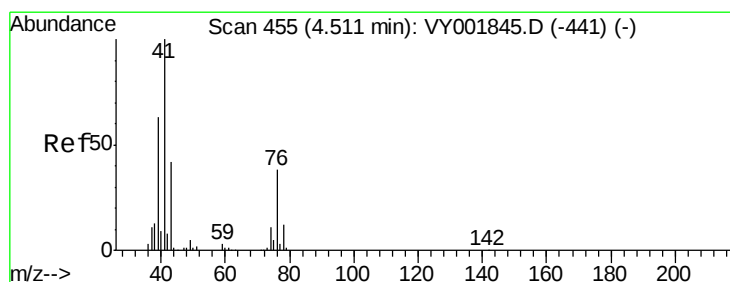
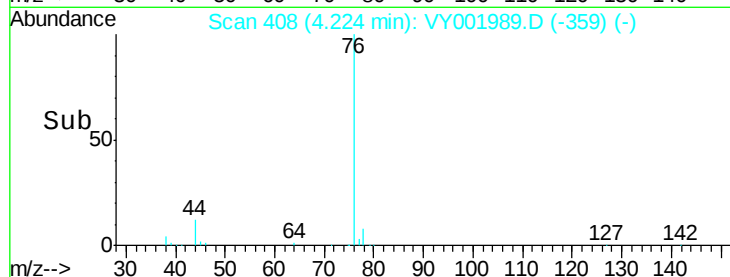
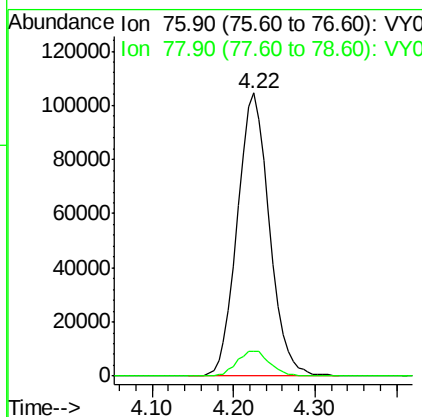
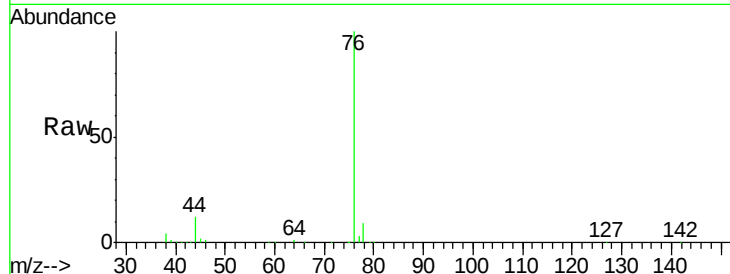
#17
Carbon Disulfide
Concen: 44.881 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

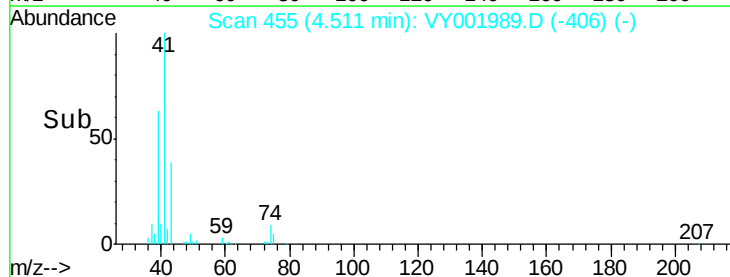
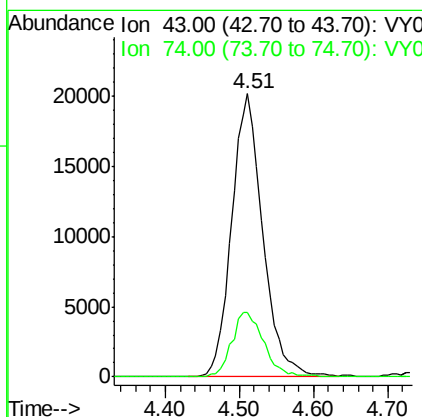
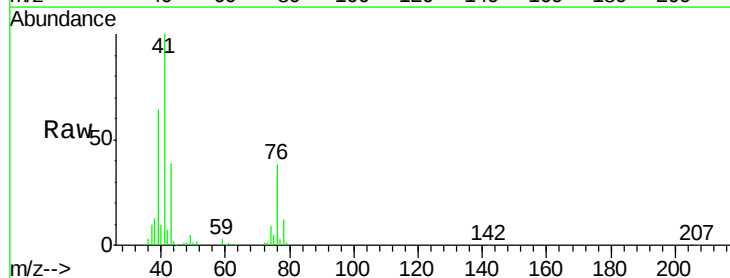
Manual Integrations
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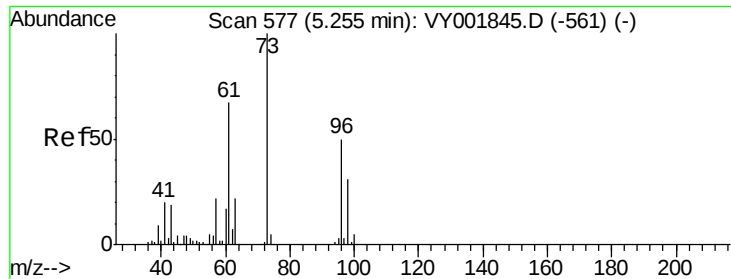
MMDadoda
3/18/2020 11:13:09 AM



#18
Methyl Acetate
Concen: 43.507 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.0	28.6





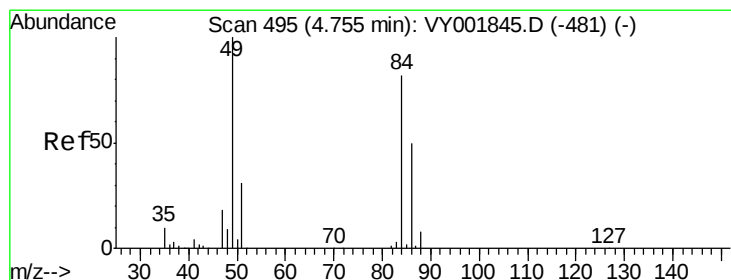
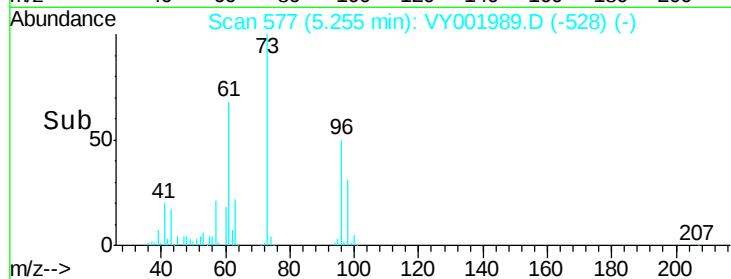
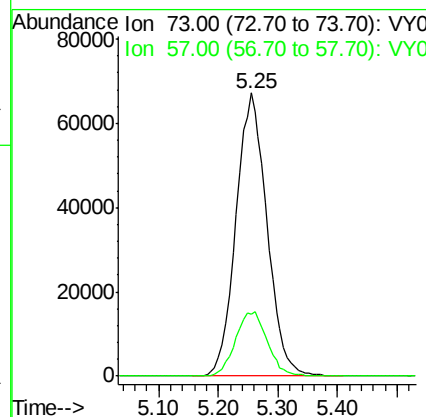
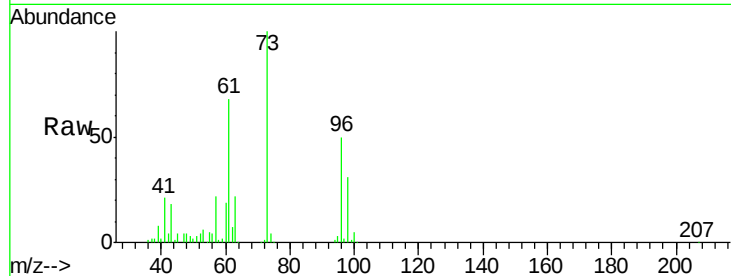
#19
Methvl tert-butvl Ether
Concen: 47.374 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 242624
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

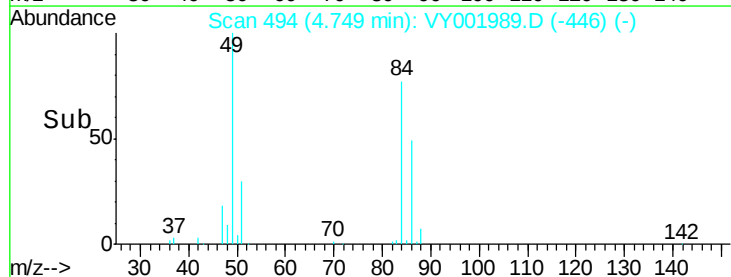
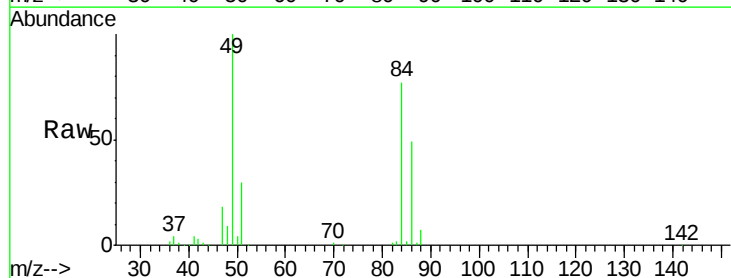
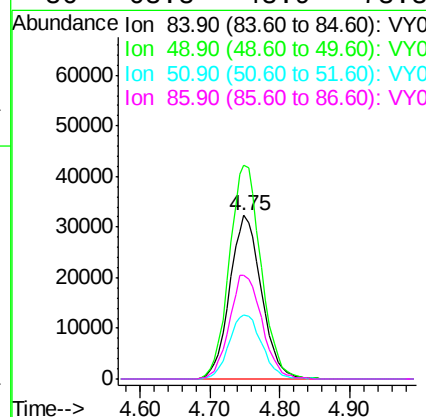
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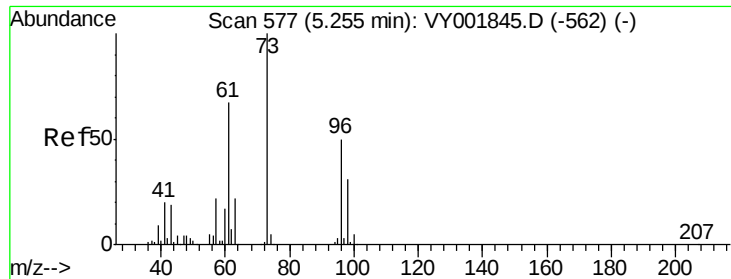
MMDadoda
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#20
Methylene Chloride
Concen: 44.825 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion: 84 Resp: 101539
Ion Ratio Lower Upper
84 100
49 130.6 98.2 147.2
51 38.8 30.2 45.2
86 63.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 48.164 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

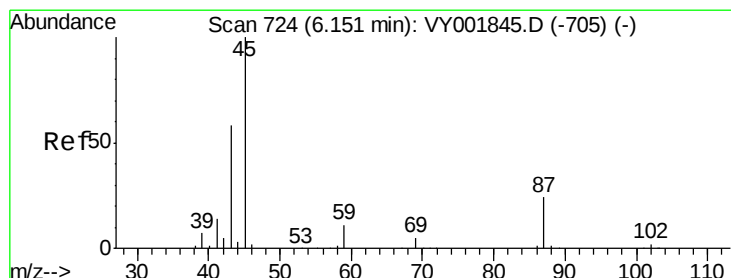
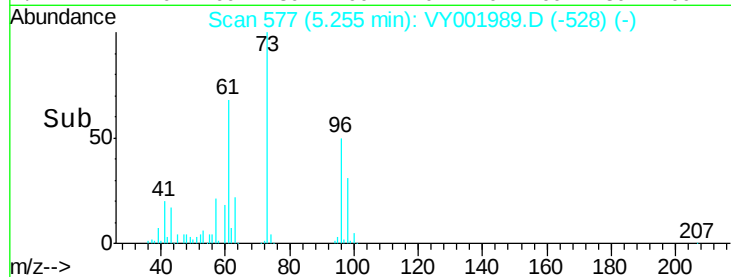
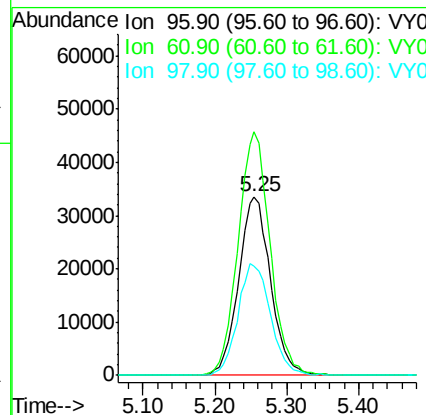
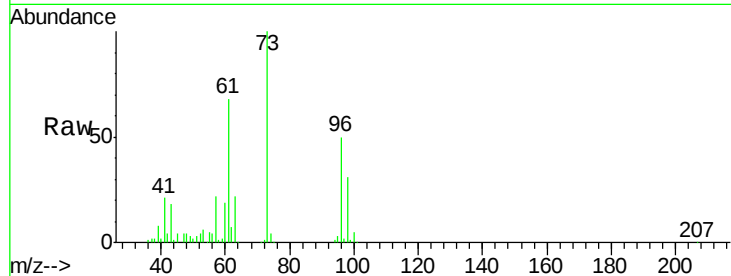
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	103317
Ion	Ratio	Lower	Upper
96	100		
61	136.1	107.7	161.5
98	61.2	49.3	73.9

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#22

Diisopropyl ether

Concen: 49.141 ug/l

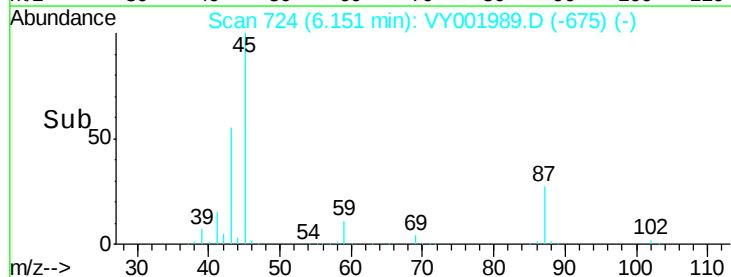
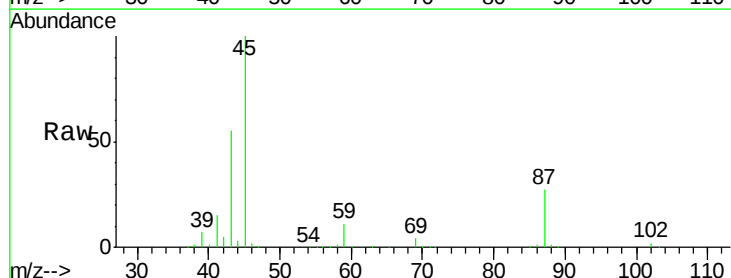
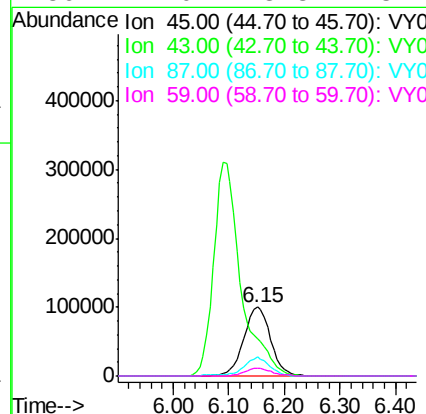
RT: 6.15 min Scan# 724

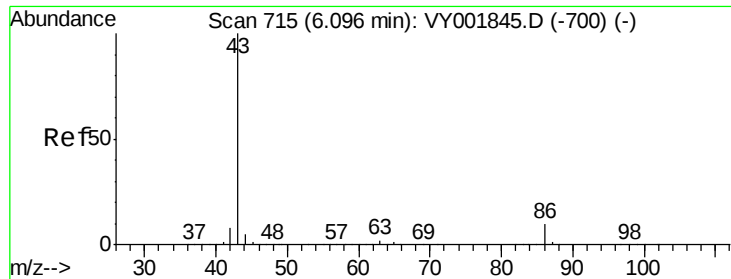
Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	45	Resp:	337487
Ion	Ratio	Lower	Upper
45	100		
43	54.6	47.2	70.8
87	27.2	19.8	29.8
59	11.0	8.8	13.2





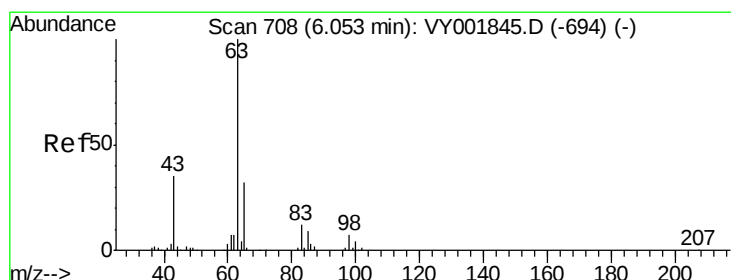
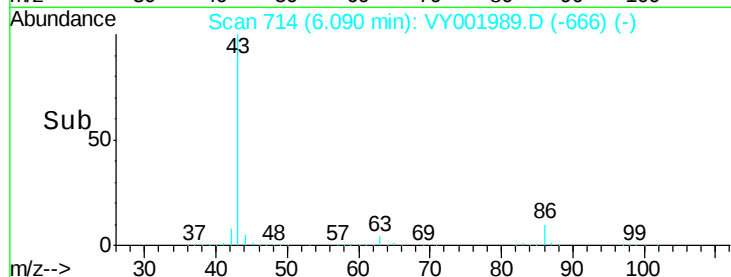
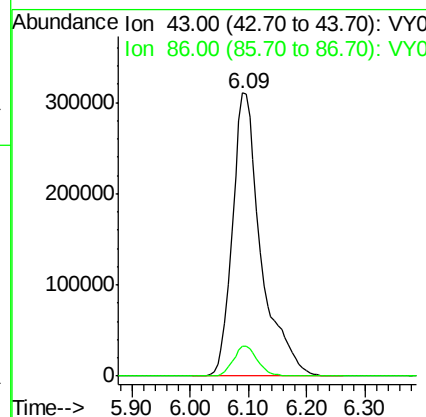
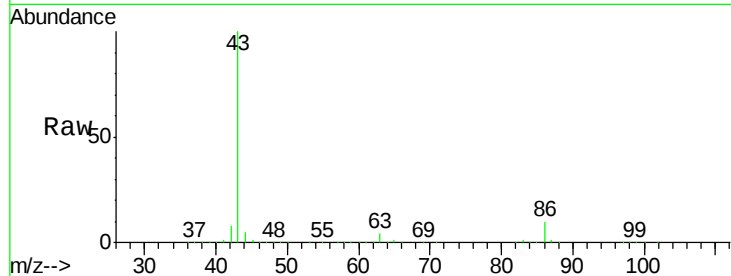
#23
 Vinyl Acetate
 Concen: 234.945 ug/l
 RT: 6.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1057788
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

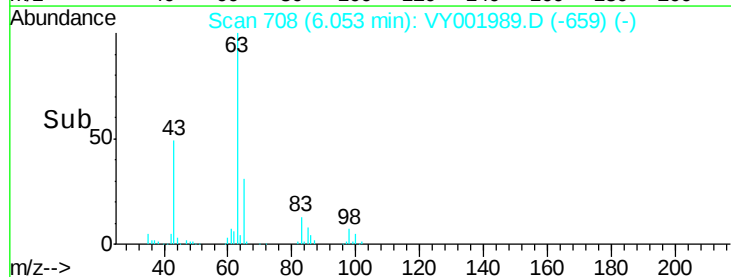
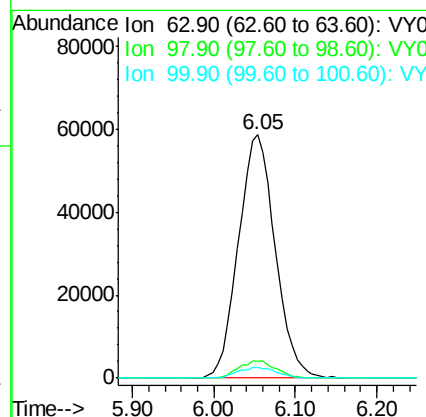
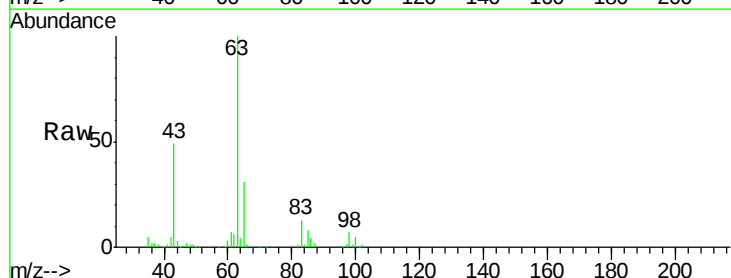
Manual Integrations
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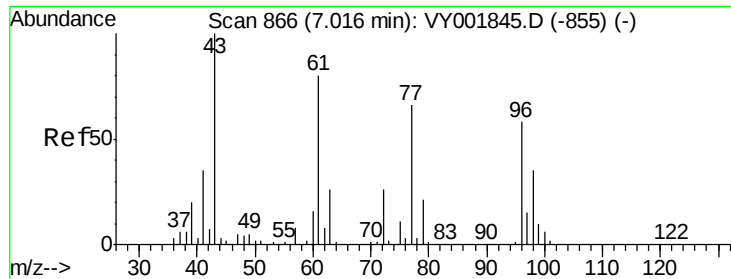
MMDadoda
 3/18/2020 11:13:09 AM



#24
 1,1-Dichloroethane
 Concen: 49.116 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion: 63 Resp: 182667
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.6 2.0 6.0





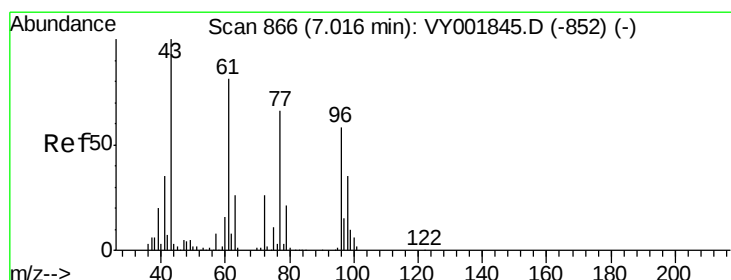
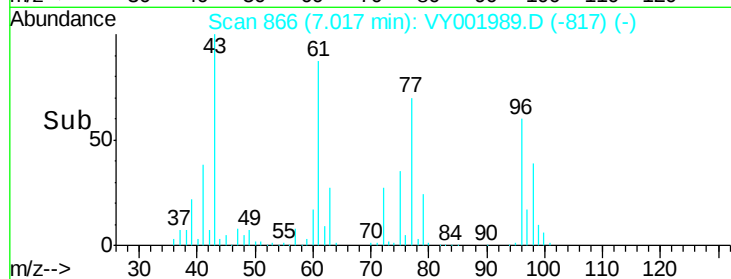
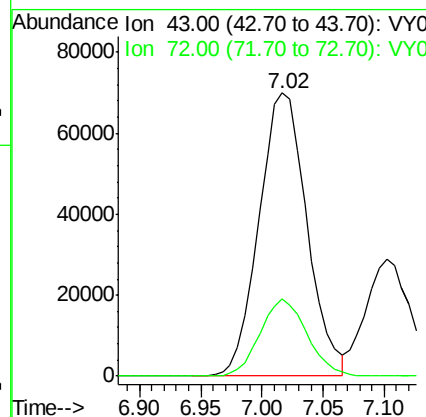
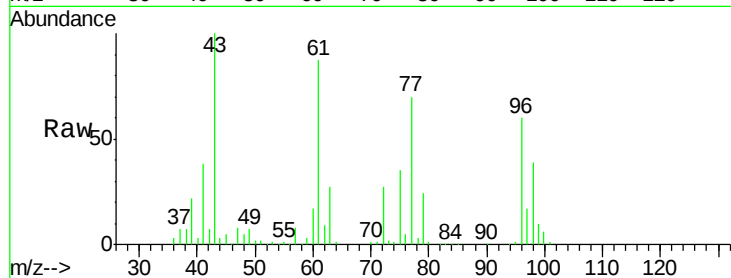
#25
2-Butanone
Concen: 237.459 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 190862
Ion Ratio Lower Upper
43 100
72 27.4 20.9 31.3

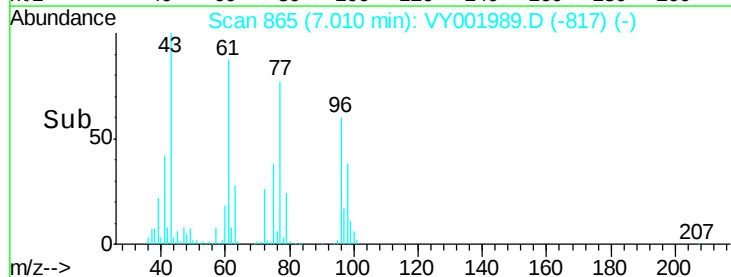
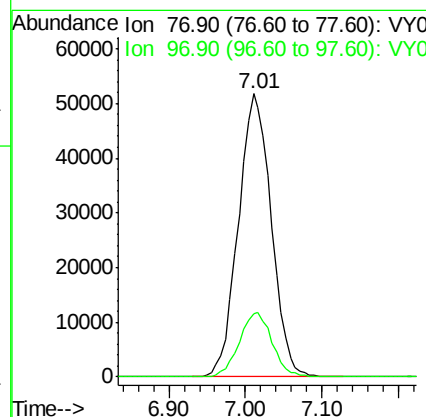
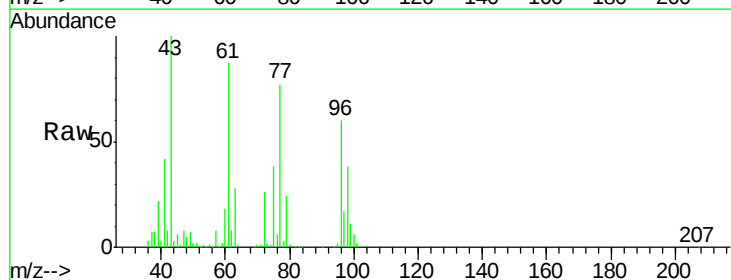
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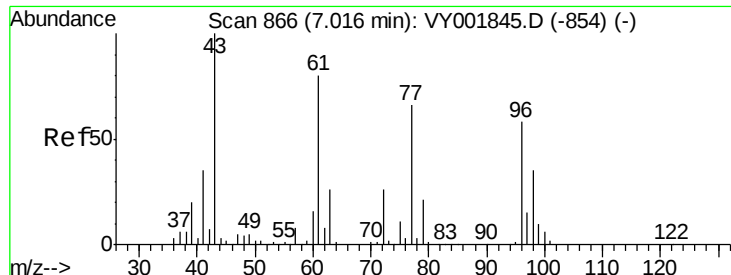
MMDadoda
3/18/2020 11:13:09 AM



#26
2,2-Dichloropropane
Concen: 50.583 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion: 77 Resp: 154407
Ion Ratio Lower Upper
77 100
97 22.7 11.9 35.7





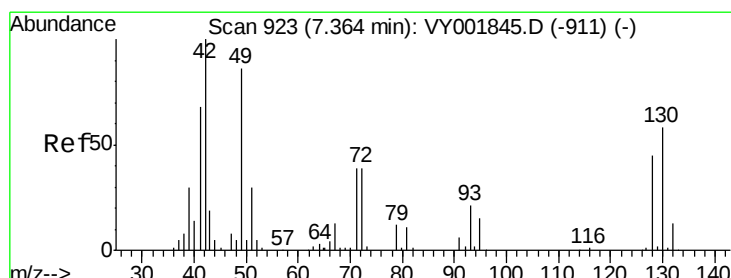
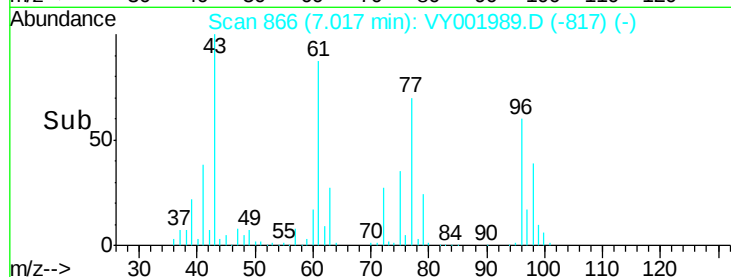
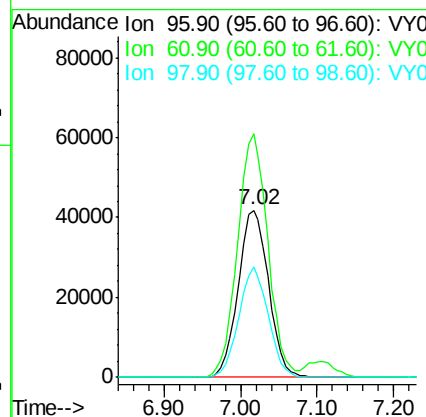
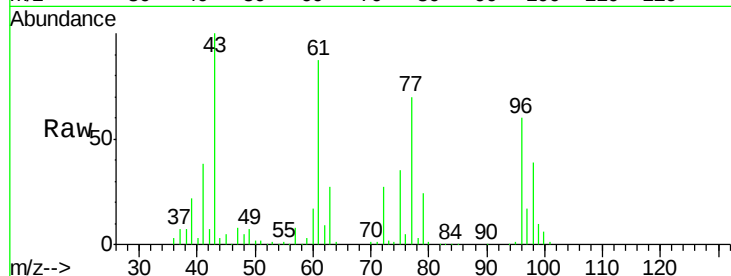
#27
 cis-1,2-Dichloroethene
 Concen: 49.266 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.0	0.0	288.2	
98	64.1	0.0	129.0	

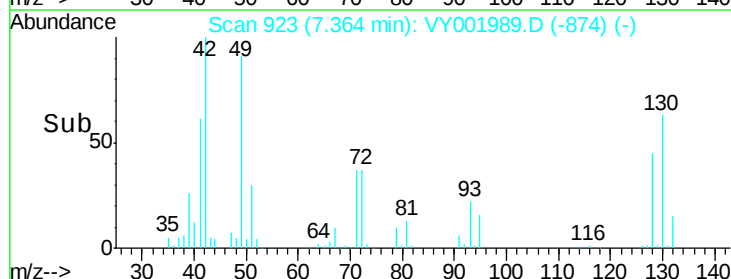
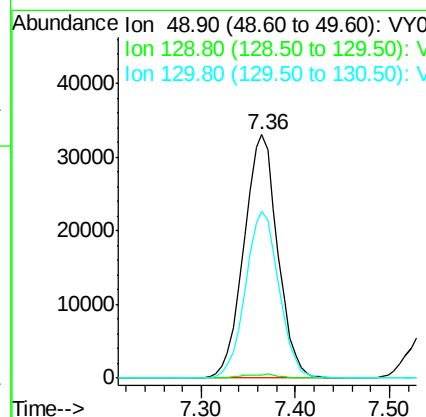
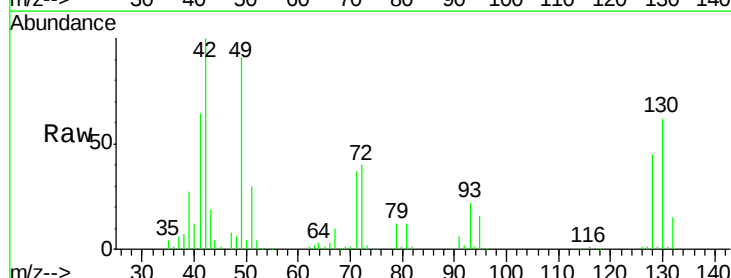
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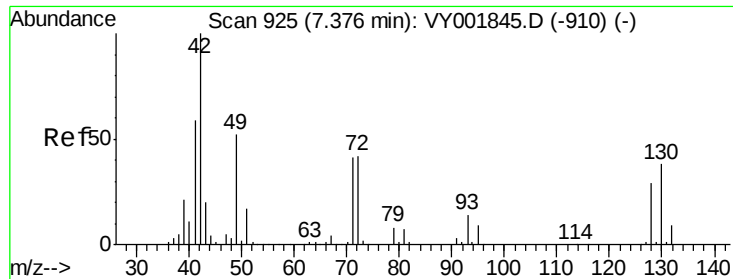
MMDadoda
 3/18/2020 11:13:09 AM



#28
 Bromochloromethane
 Concen: 49.449 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	3.8	
130	68.2	54.4	81.6	





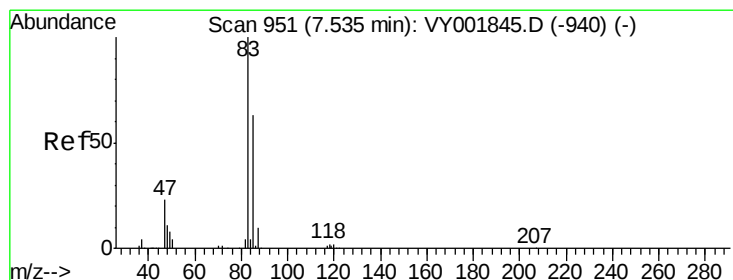
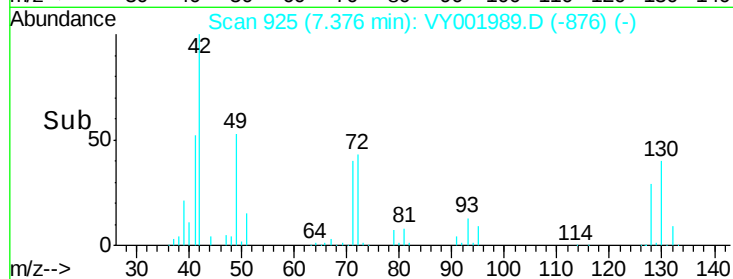
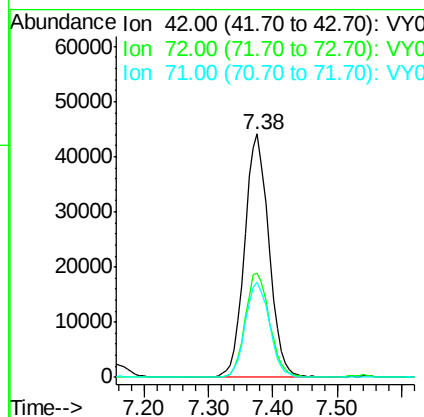
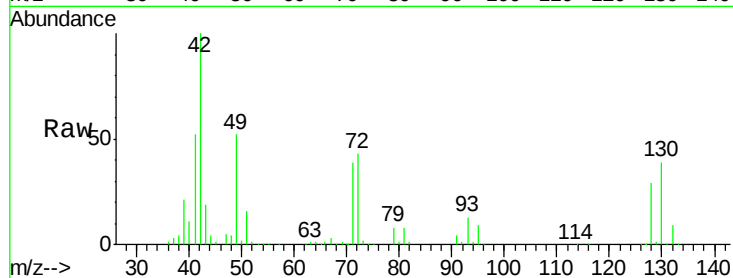
#29
Tetrahydrofuran
Concen: 214.616 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.5	50.3
71	38.7	31.3	46.9

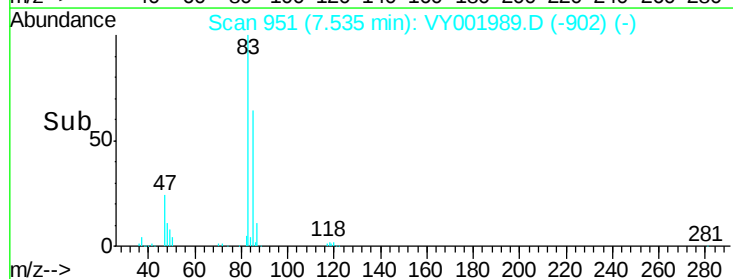
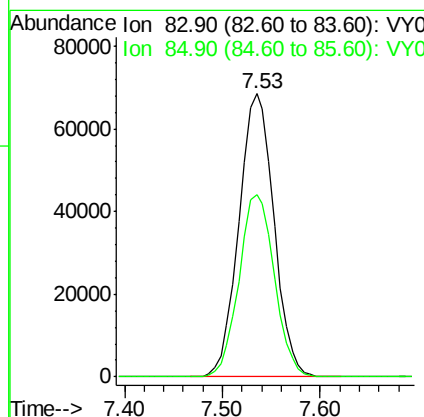
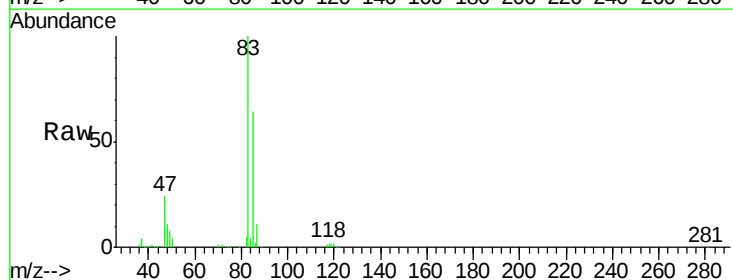
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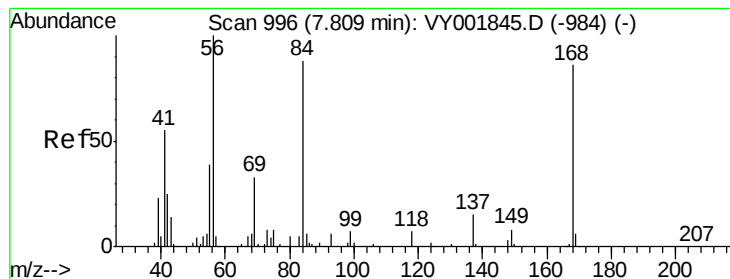
MMDadoda
3/18/2020 11:13:09 AM



#30
Chloroform
Concen: 48.640 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1





#31

Cyclohexane

Concen: 45.621 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 181924

Ion Ratio Lower Upper

56 100

69 33.3 26.7 40.1

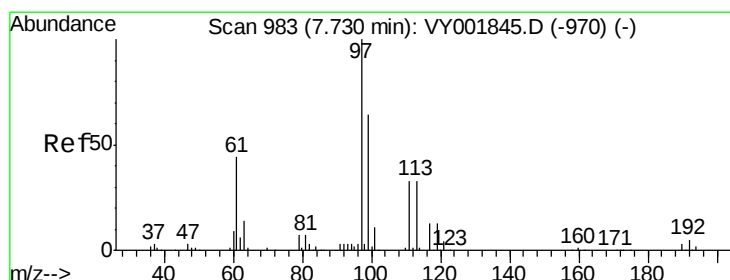
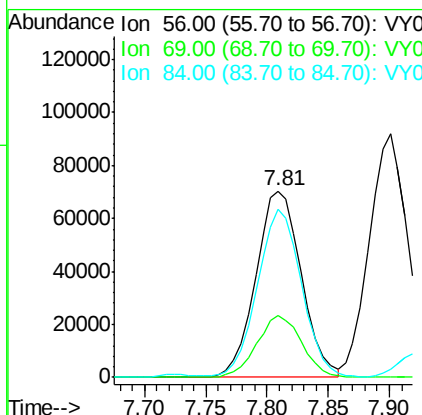
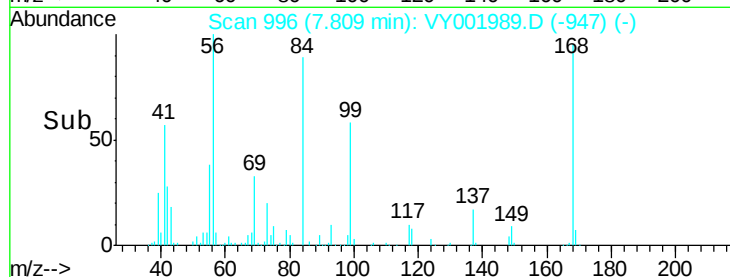
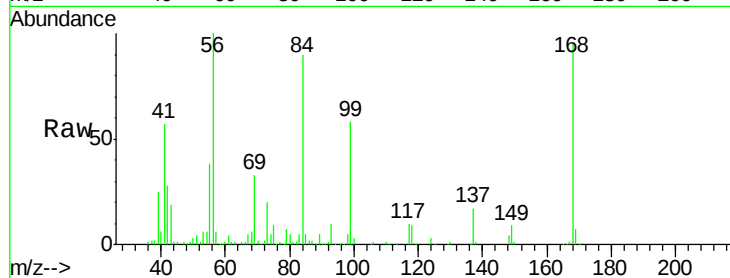
84 89.0 70.4 105.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 50.288 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

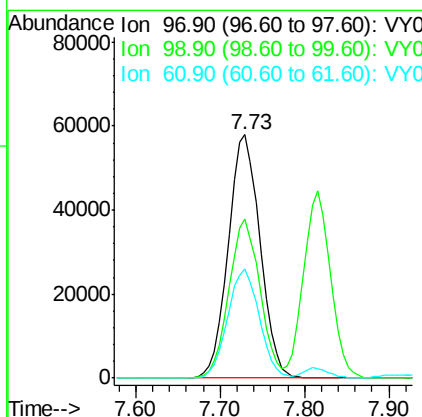
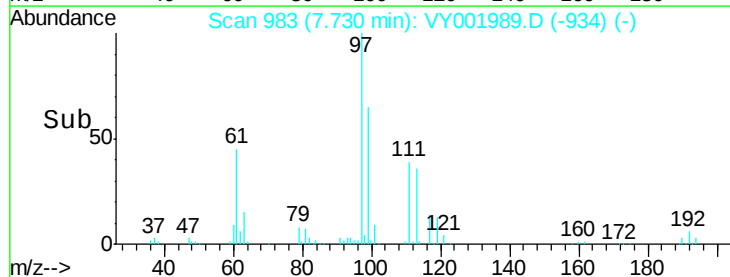
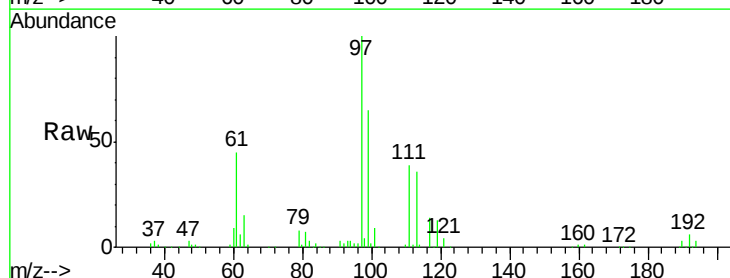
Tgt Ion: 97 Resp: 148100

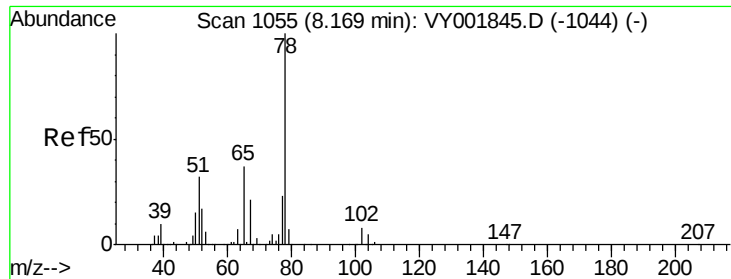
Ion Ratio Lower Upper

97 100

99 63.9 52.0 78.0

61 44.7 35.0 52.4





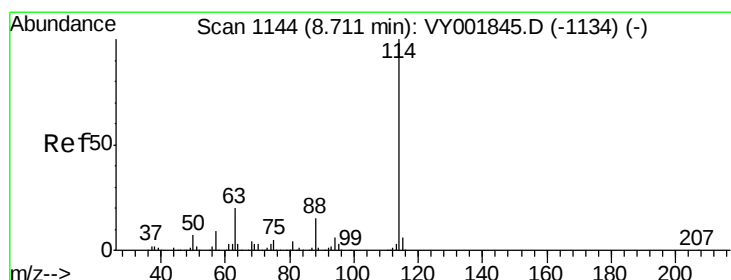
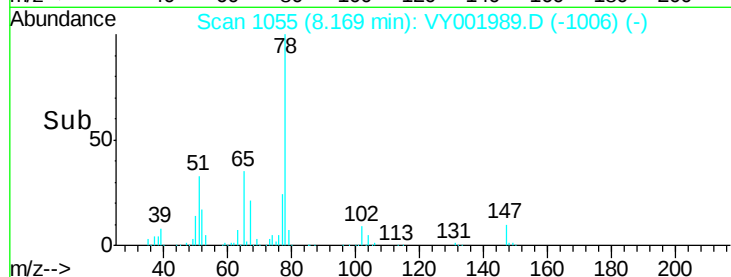
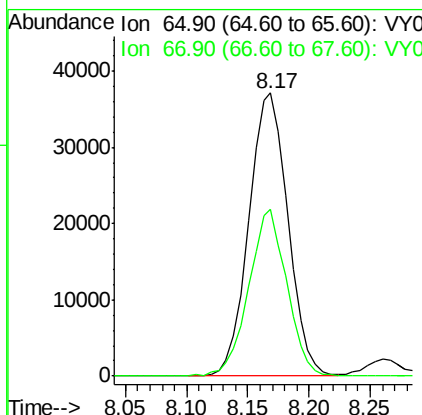
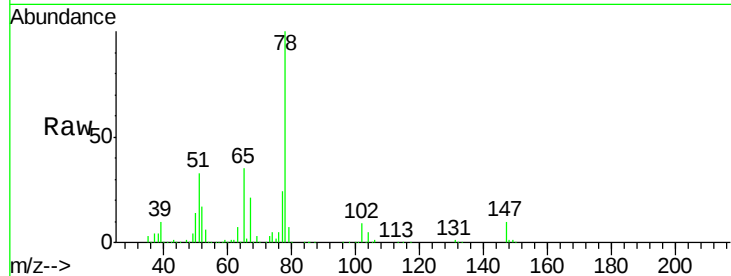
#33
 1,2-Dichloroethane-d4
 Concen: 45.526 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	82615		
67	57.4	0.0	110.8	

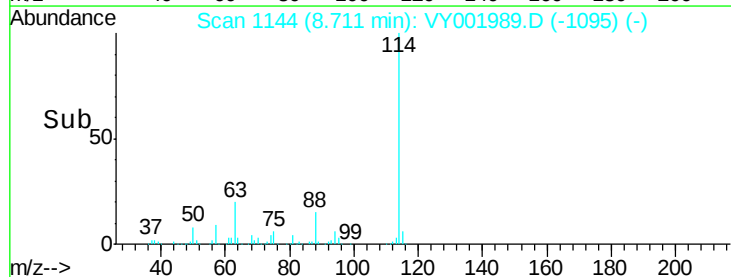
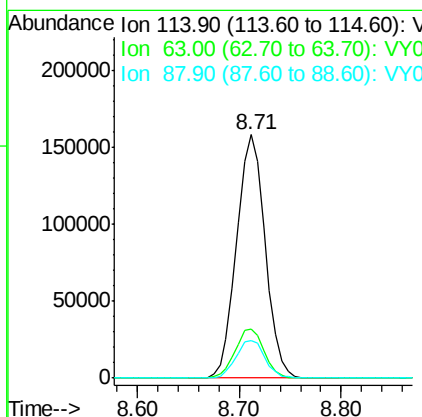
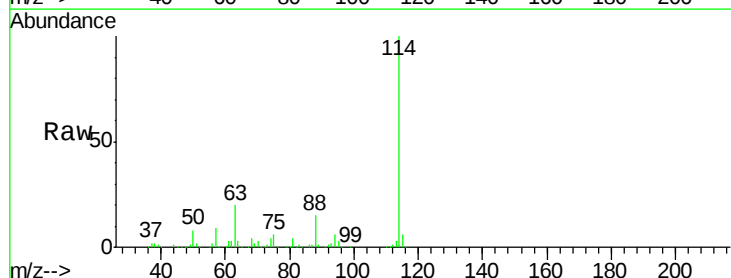
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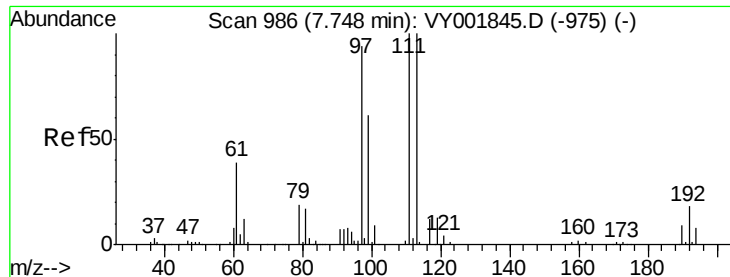
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	306482		
63	20.2	0.0	39.4	
88	15.4	0.0	30.4	





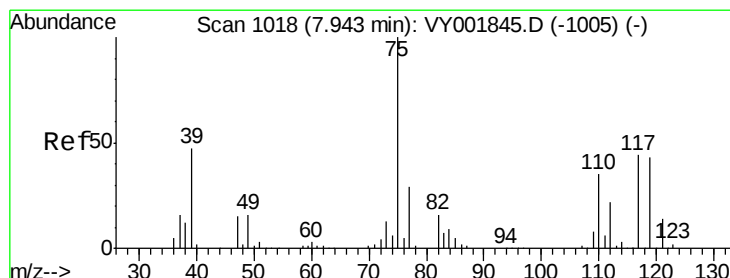
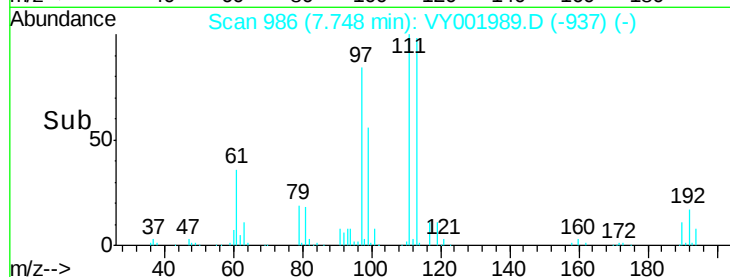
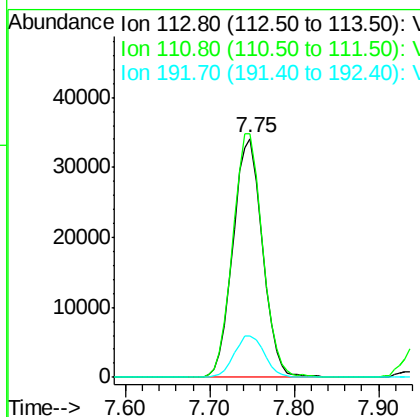
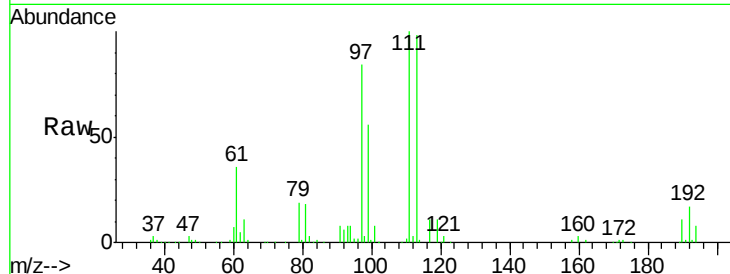
#35
Dibromofluoromethane
Concen: 48.212 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	17.8	14.2	21.2

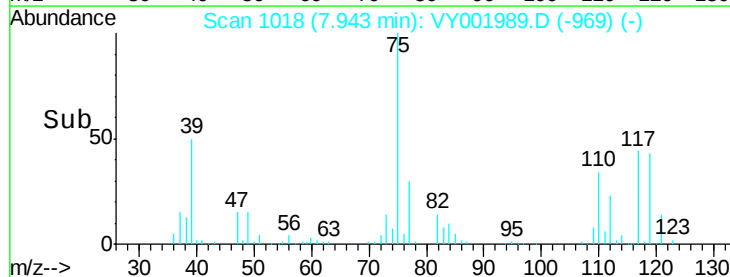
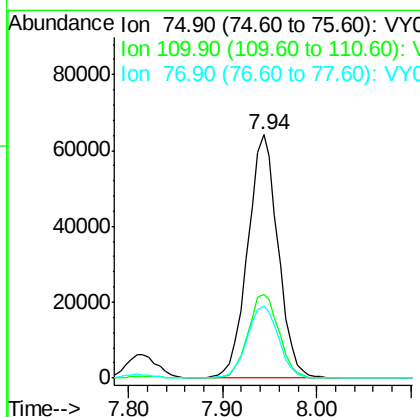
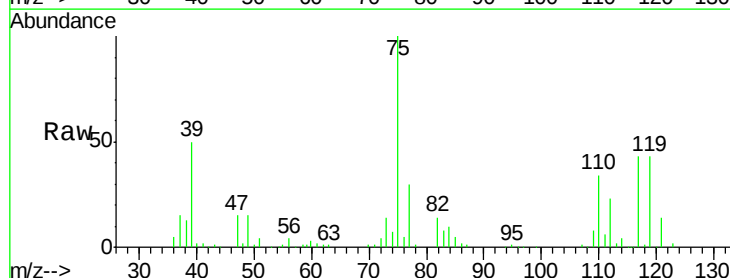
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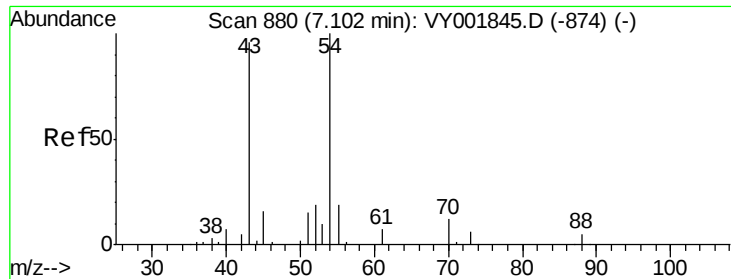
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#36
1,1-Dichloropropene
Concen: 49.166 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	30.9	24.2	36.2





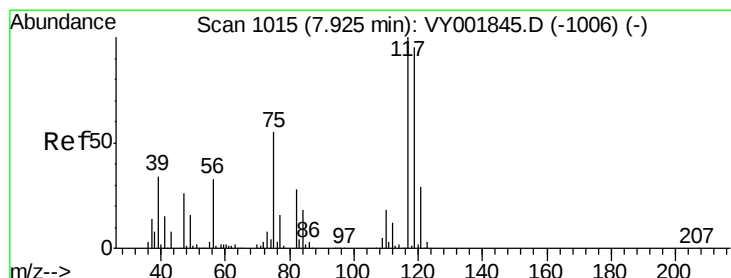
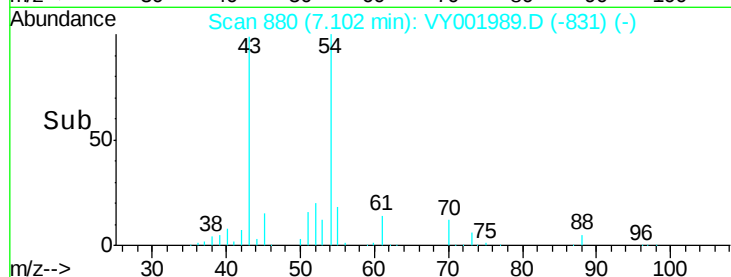
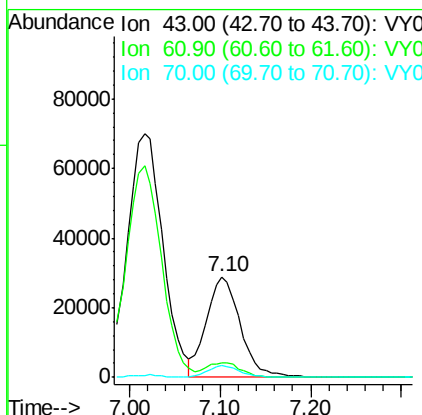
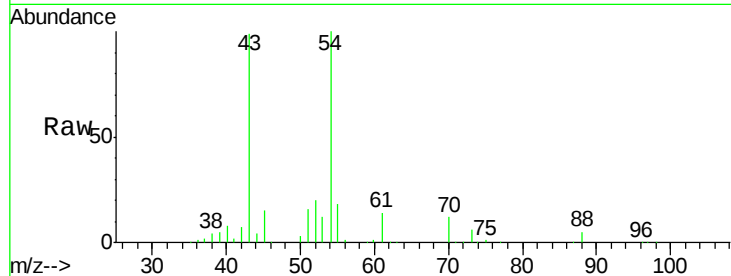
#37
Ethyl Acetate
Concen: 43.992 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.1	16.7
70	11.0	8.2	12.4

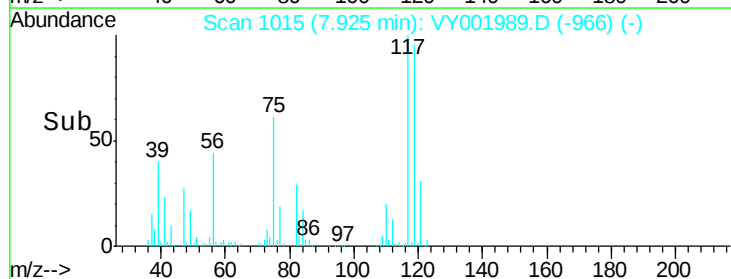
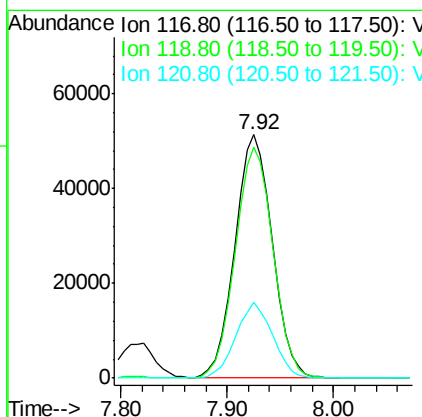
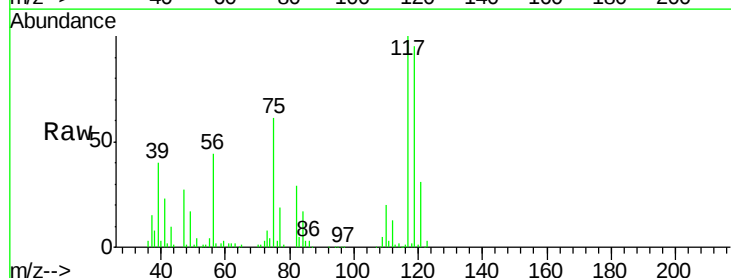
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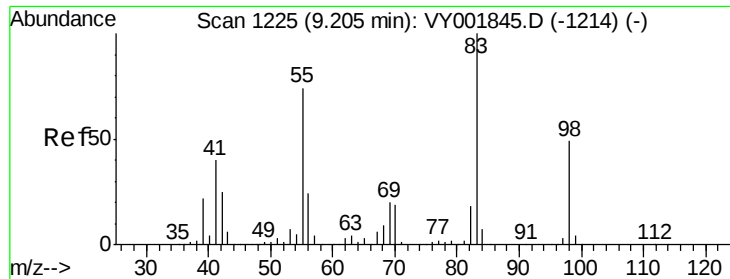
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.326 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.3	114.5
121	31.2	23.5	35.3





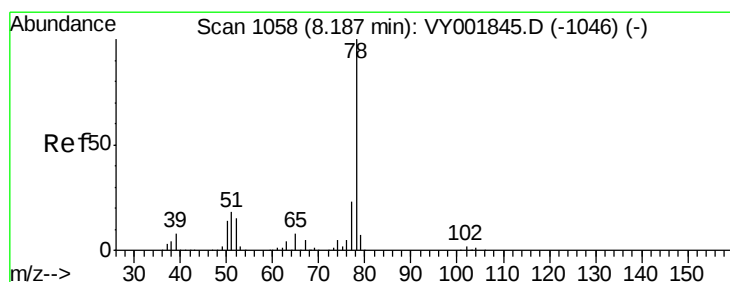
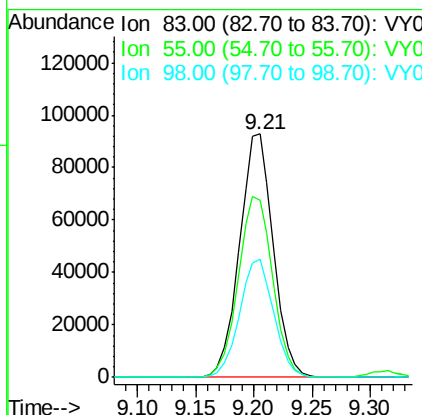
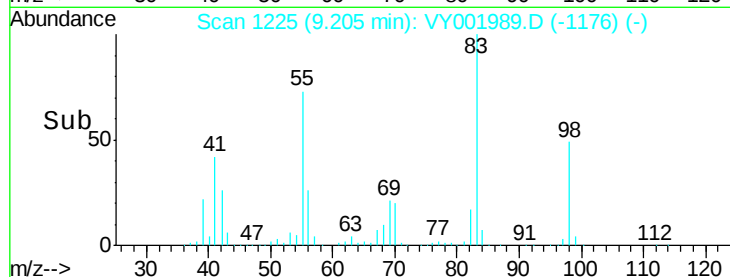
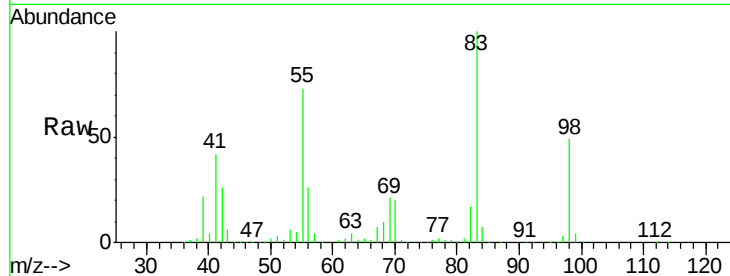
#39
Methylvlcyclohexane
Concen: 47.899 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	187366
Ion Ratio	100	Lower	Upper
83	100		
55	72.9	59.4	89.0
98	48.8	38.9	58.3

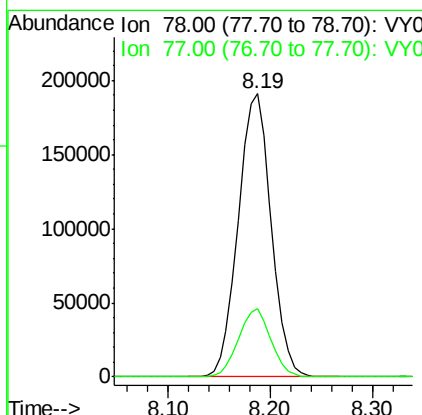
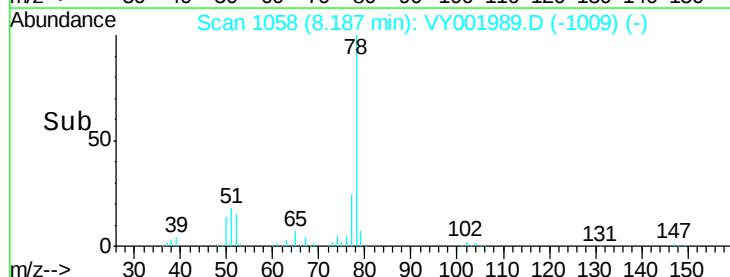
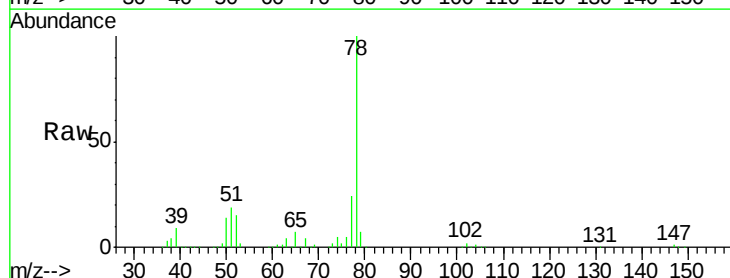
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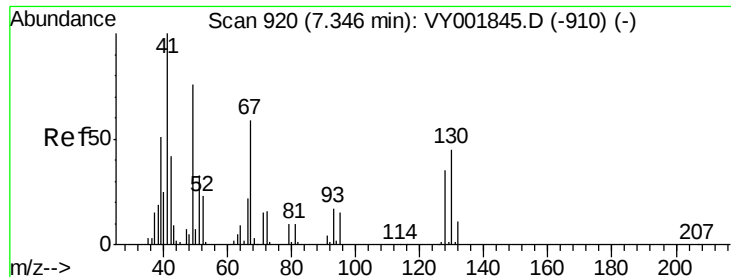
MMDadoda
3/18/2020 11:13:09 AM



#40
Benzene
Concen: 48.880 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	78	Resp	427295
Ion Ratio	100	Lower	Upper
78	100		
77	24.0	18.7	28.1





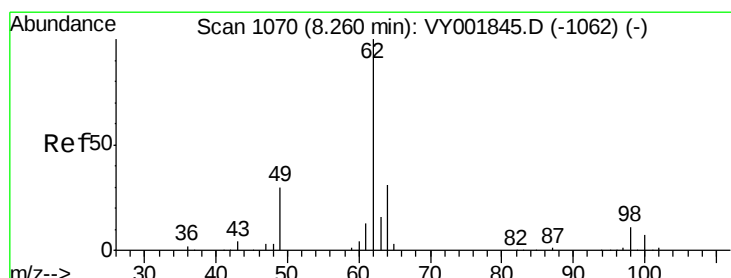
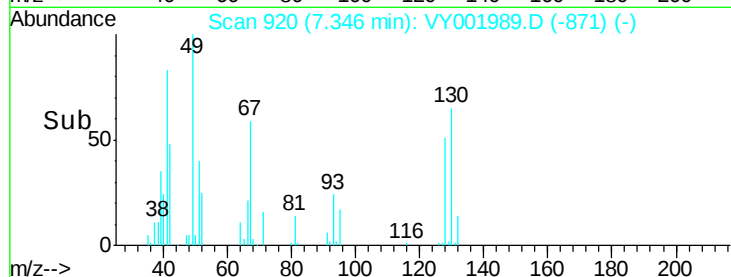
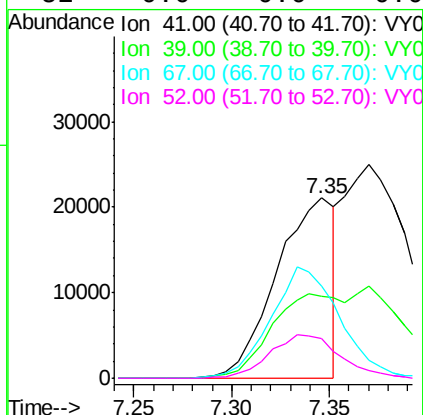
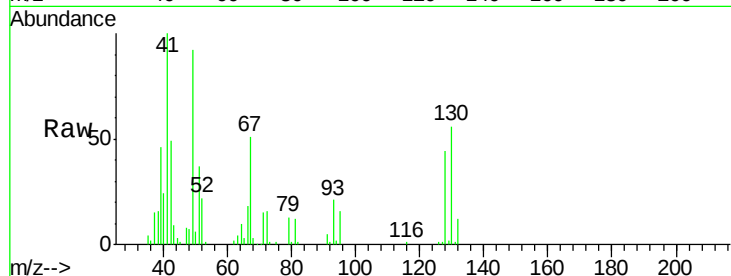
#41
Methacrylonitrile
Concen: 56.947 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

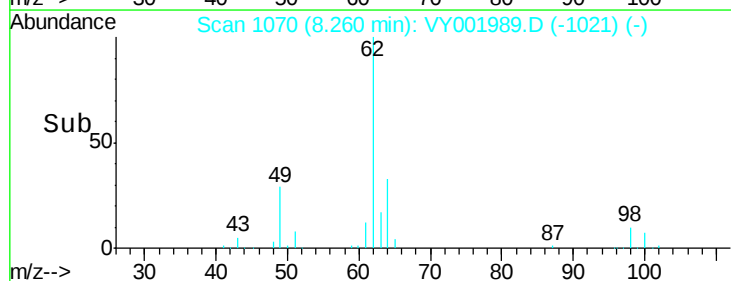
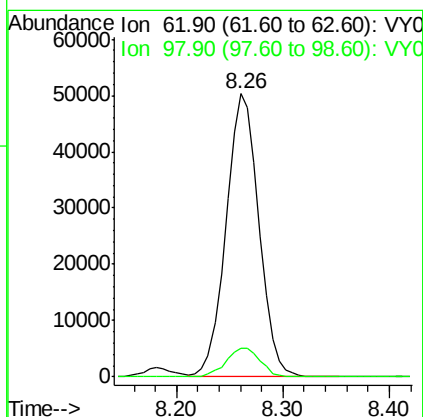
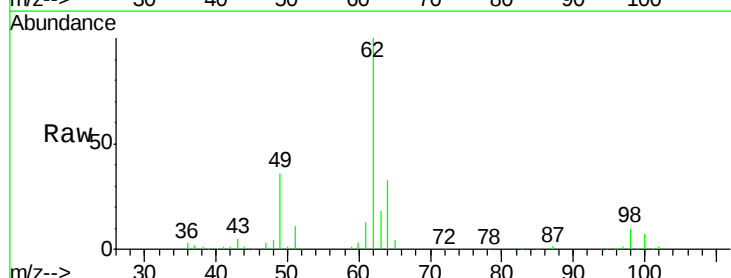
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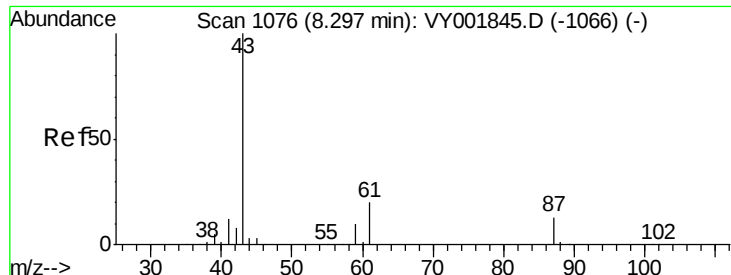
MMDadoda
3/18/2020 11:13:09 AM



#42
1,2-Dichloroethane
Concen: 48.121 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





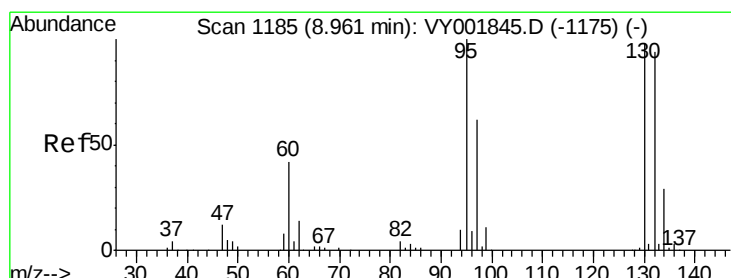
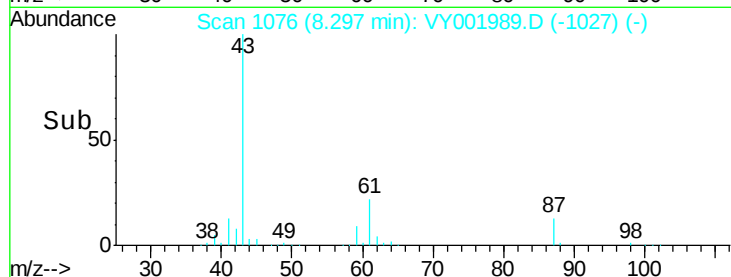
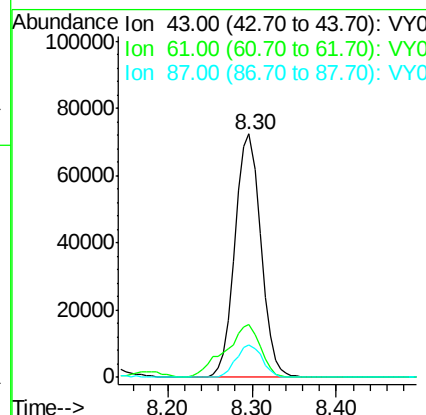
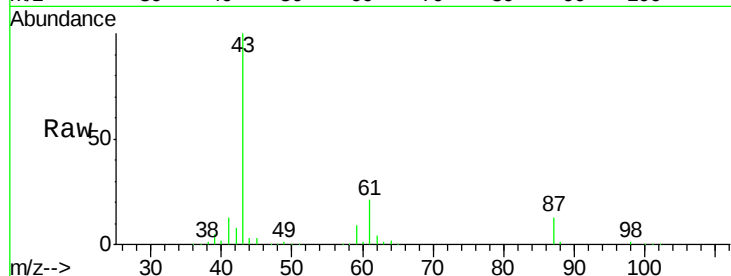
#43
Isopropyl Acetate
Concen: 46.299 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.8	35.6
87	13.4	10.9	16.3

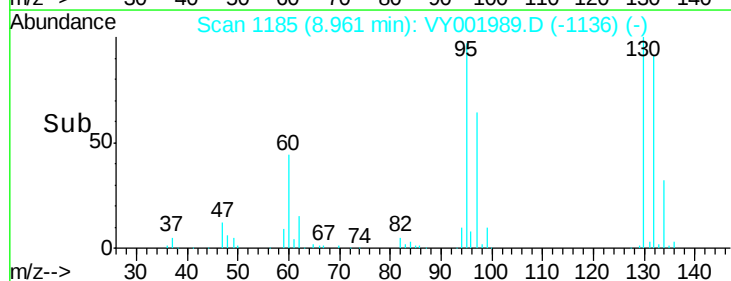
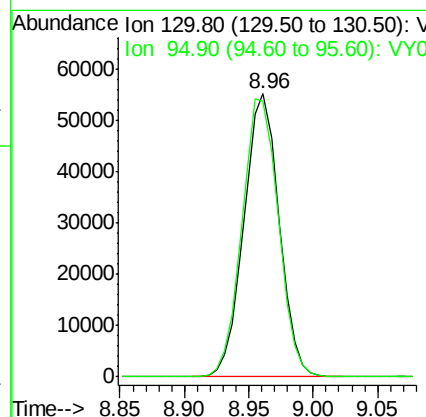
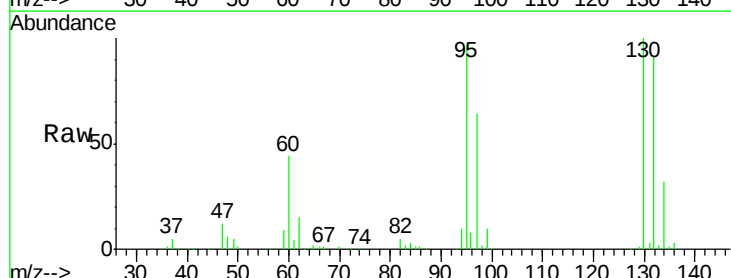
Manual Integrations
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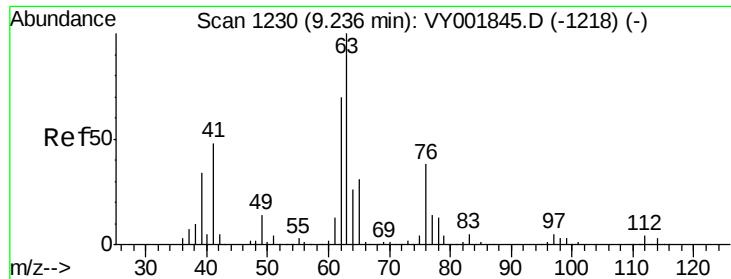
MMDadoda
3/18/2020 11:13:09 AM



#44
Trichloroethene
Concen: 49.161 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	204.6





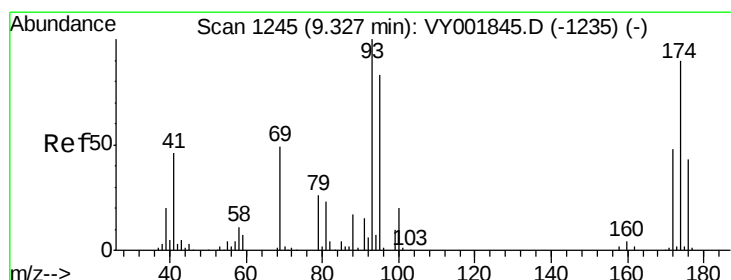
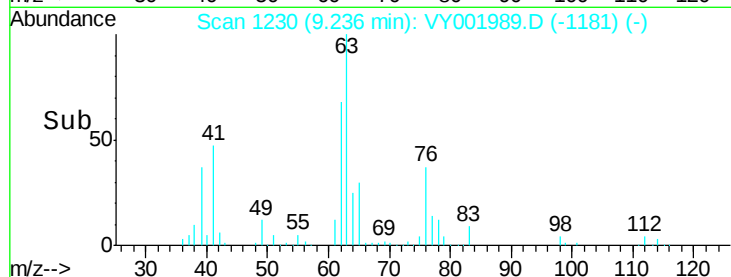
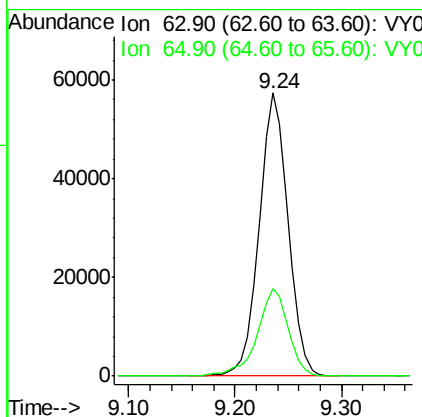
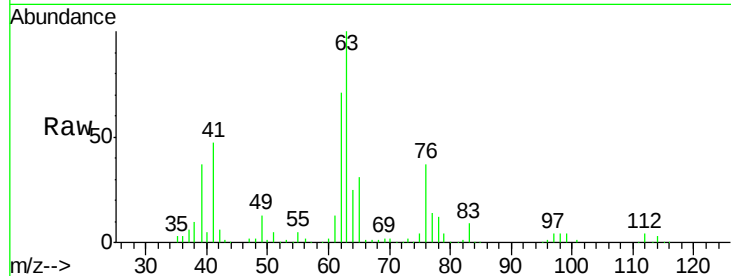
#45
 1,2-Dichloropropane
 Concen: 49.595 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 108986
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3

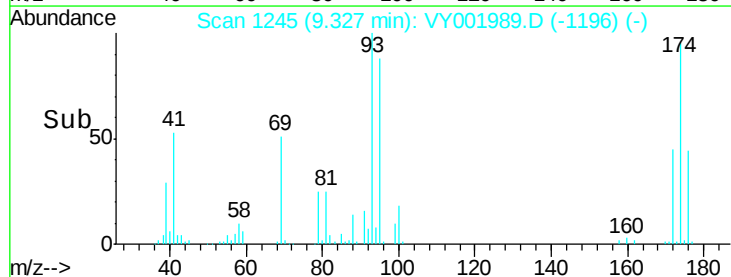
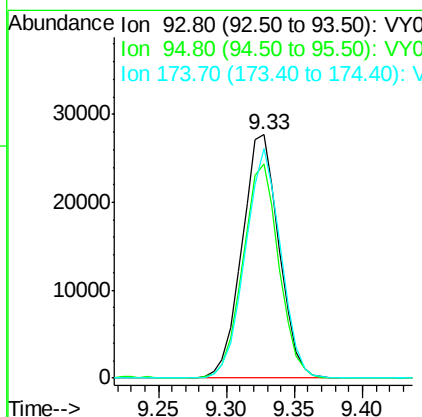
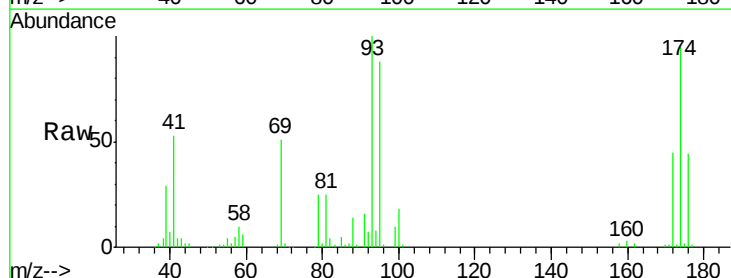
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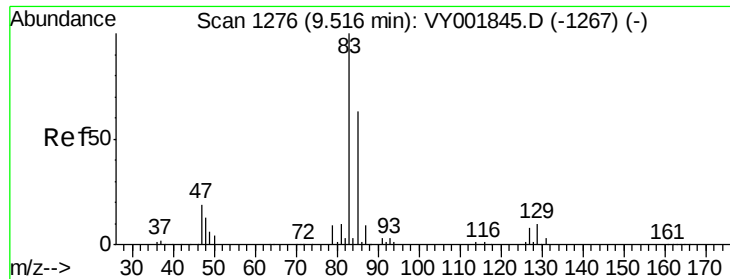
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#46
 Dibromomethane
 Concen: 46.580 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion: 93 Resp: 52749
 Ion Ratio Lower Upper
 93 100
 95 85.7 67.0 100.4
 174 90.5 71.8 107.8





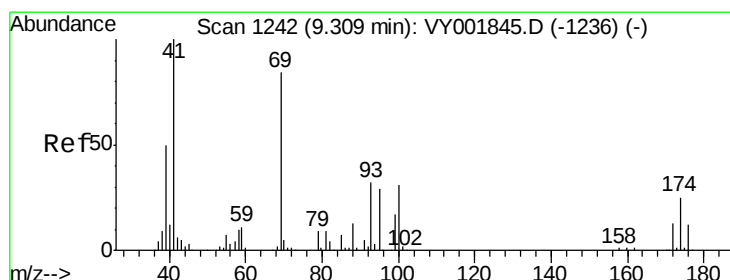
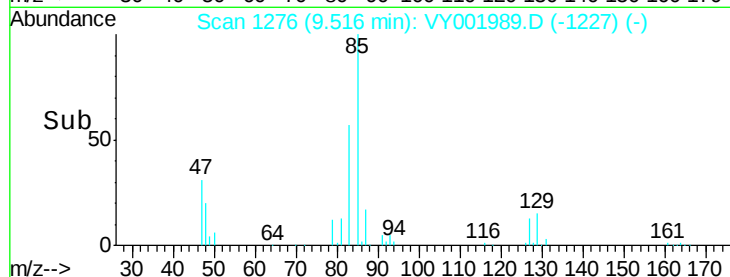
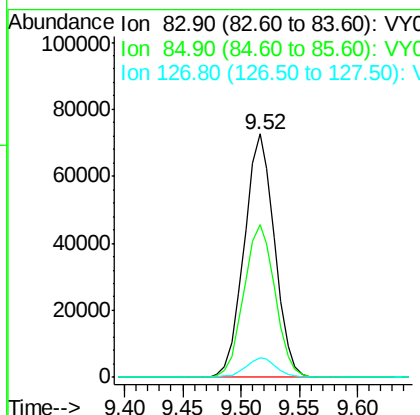
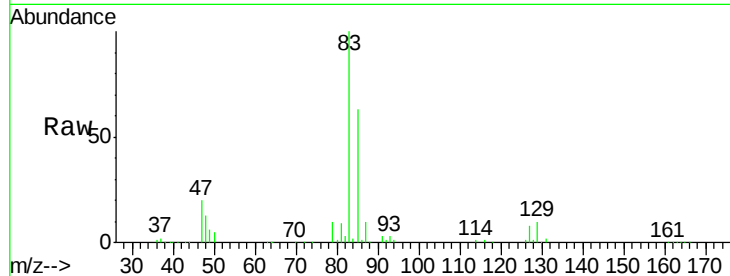
#47
Bromodichloromethane
Concen: 50.088 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.6	76.0
127	7.9	6.2	9.4

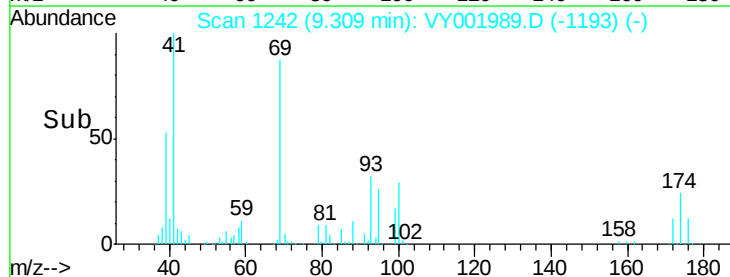
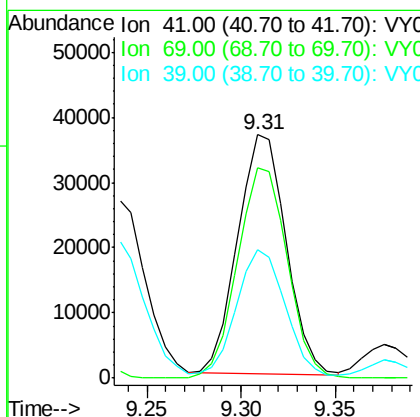
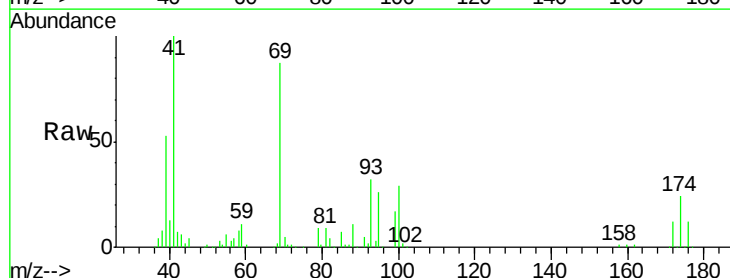
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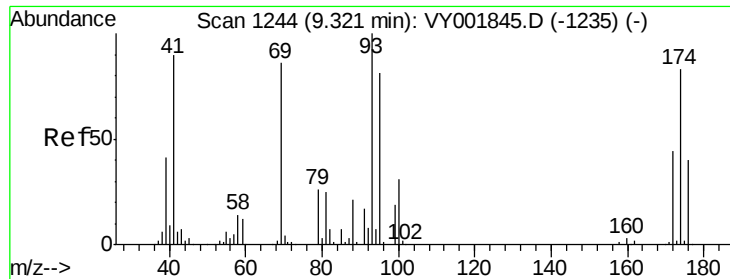
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3/18/2020 11:13:09 AM



#48
Methyl methacrylate
Concen: 45.511 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.5	69.0	103.6
39	54.7	39.1	58.7





#49

1,4-Dioxane

Concen: 806.788 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

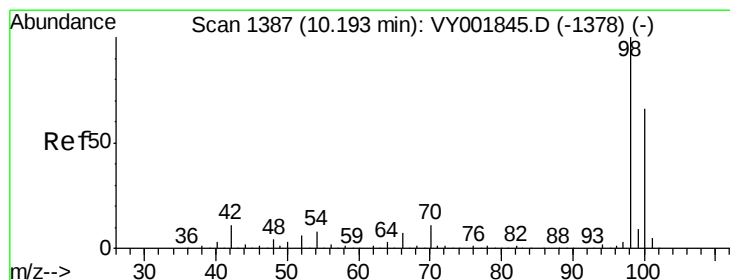
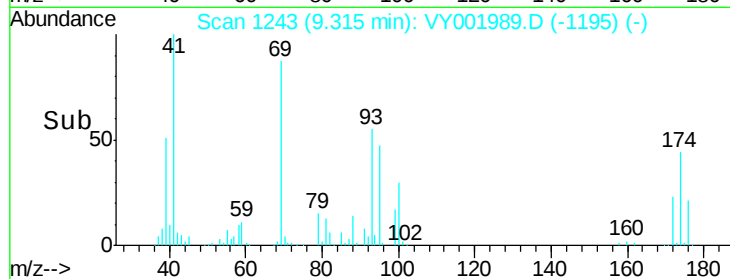
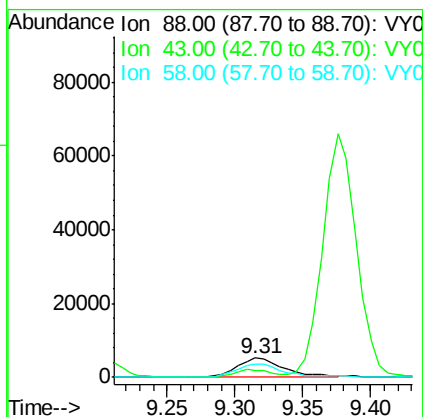
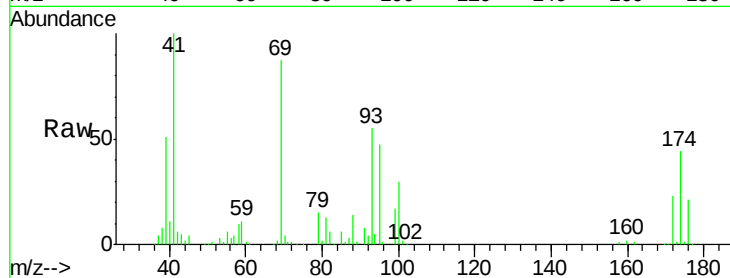
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	12519
Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.0	37.6
58	76.9	58.9	88.3

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#50

Toluene-d8

Concen: 47.402 ug/l

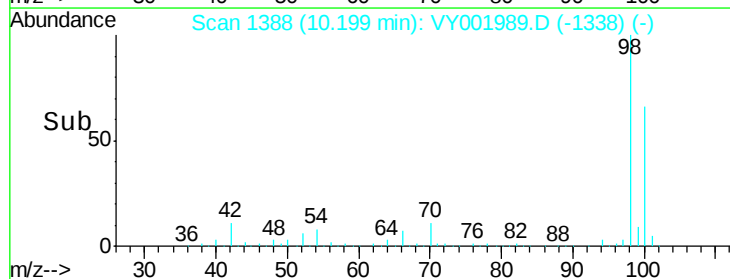
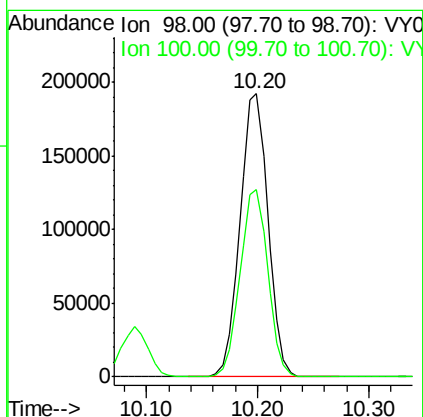
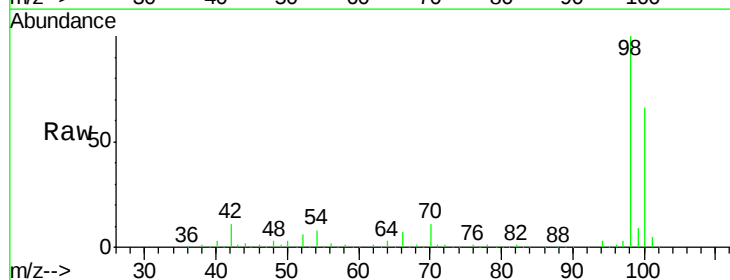
RT: 10.20 min Scan# 1388

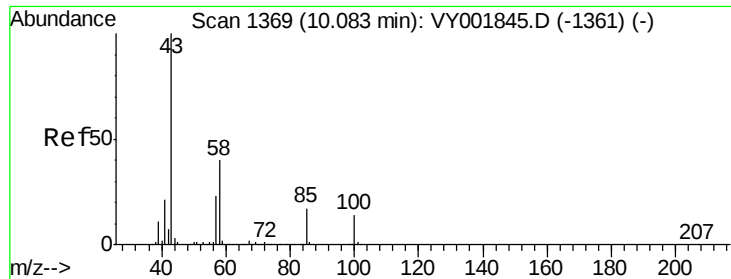
Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	98	Resp:	334515
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 229.535 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 383686

Ion Ratio Lower Upper

43 100

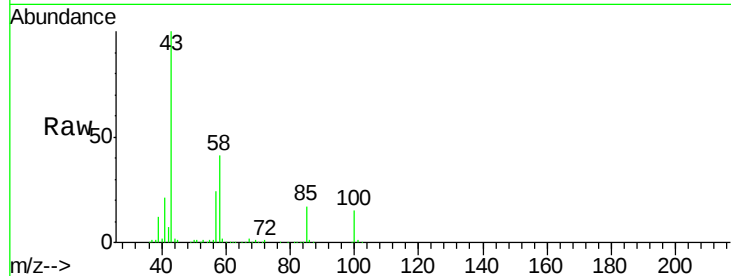
58 39.7 32.0 48.0

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Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-1361) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-1361) (-)

10.09

250000

200000

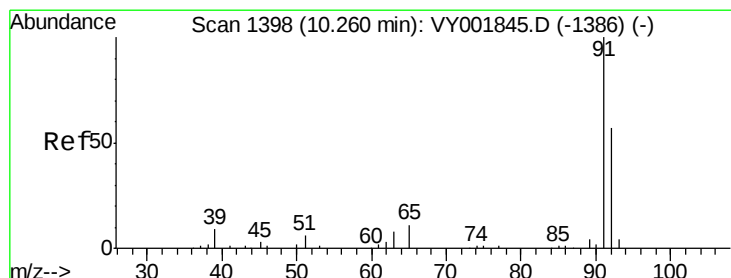
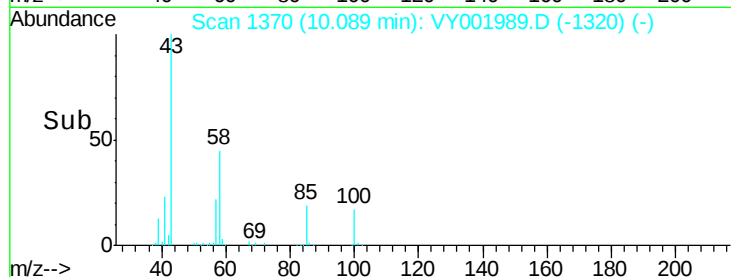
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.294 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001989.D

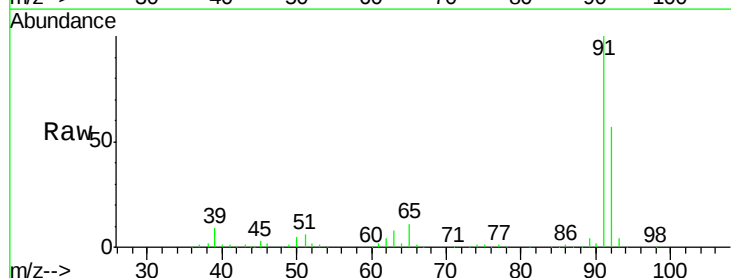
Acq: 17 Mar 2020 09:46

Tgt Ion: 92 Resp: 261772

Ion Ratio Lower Upper

92 100

91 173.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VY001845.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY001845.D (-1386) (-)

10.26

300000

250000

200000

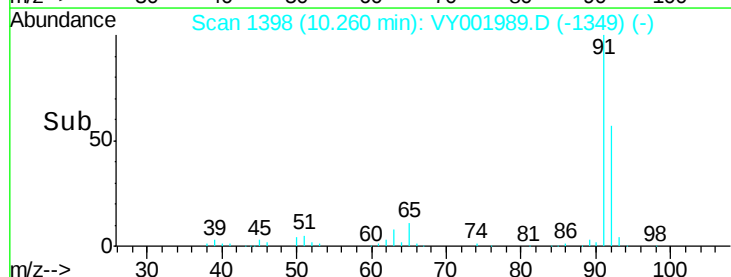
150000

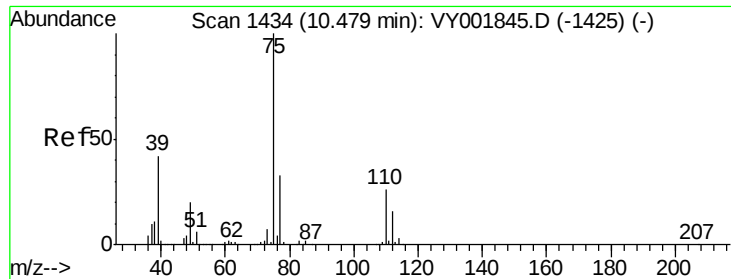
100000

50000

0

Time-->





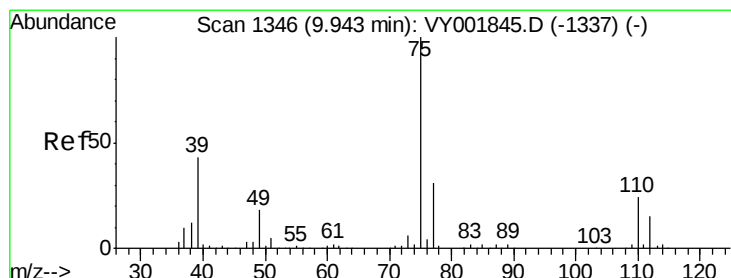
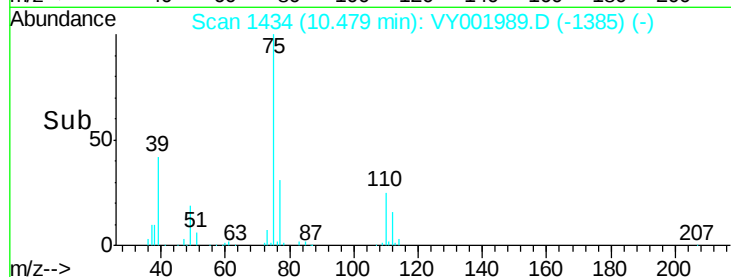
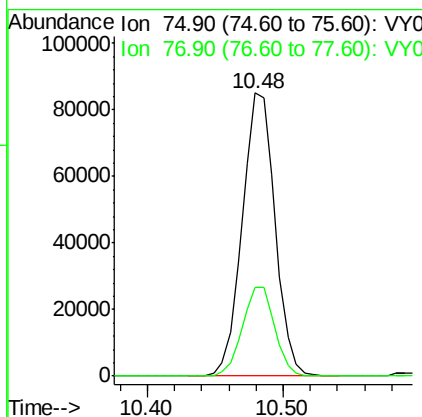
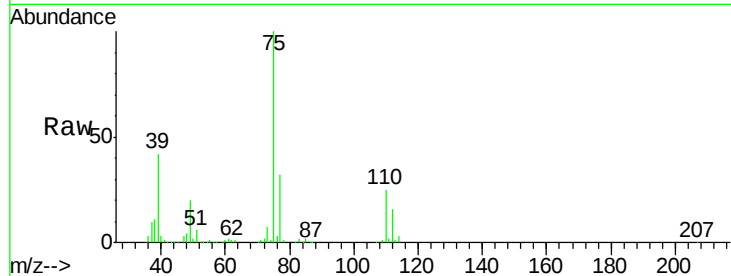
#53
t-1,3-Dichloropropene
Concen: 49.911 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 143244
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5

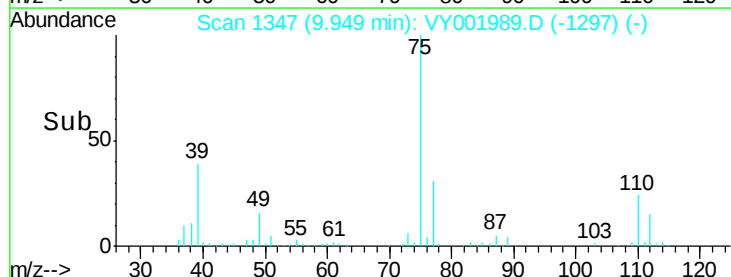
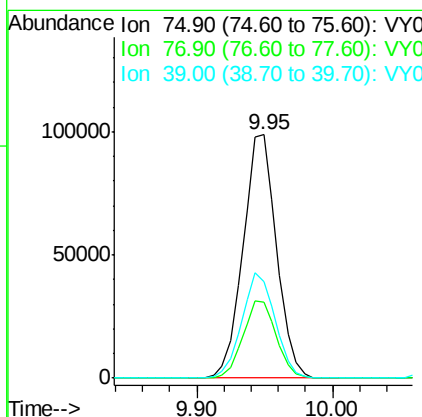
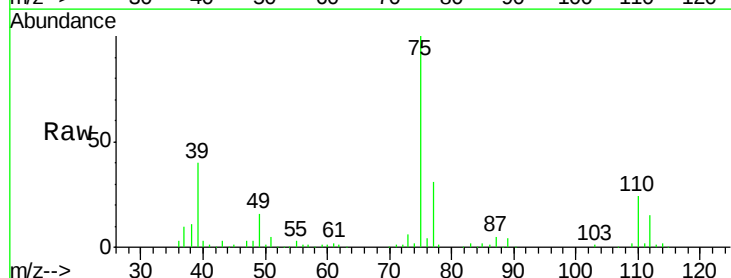
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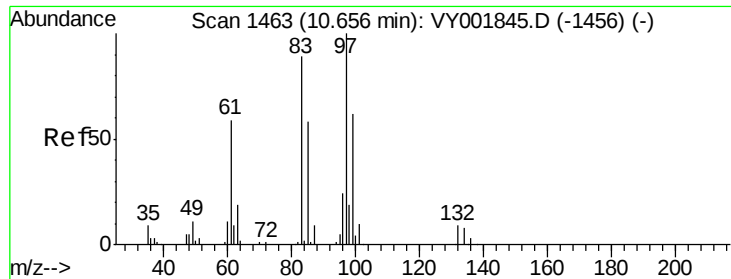
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#54
cis-1,3-Dichloropropene
Concen: 49.719 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion: 75 Resp: 169868
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 39.6 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 48.706 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 80721

Ion Ratio Lower Upper

97 100

83 85.8 71.6 107.4

85 57.8 46.6 69.8

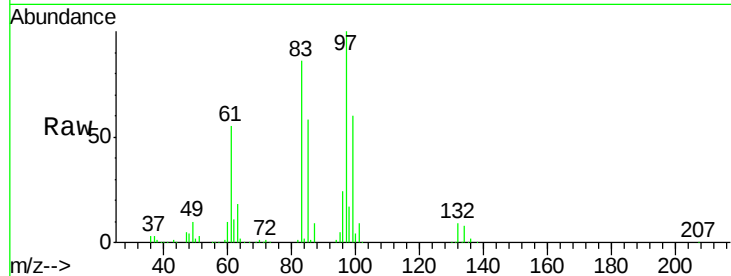
99 59.7 49.8 74.6

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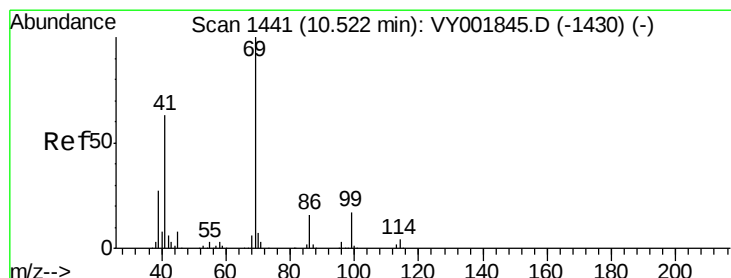
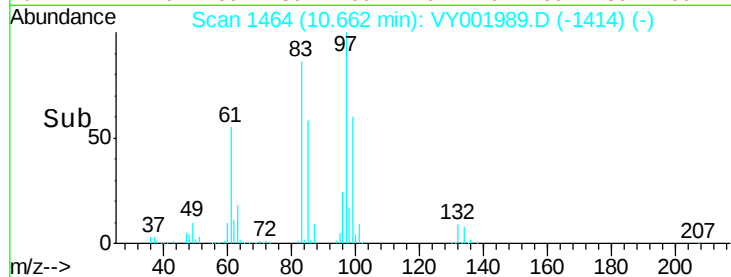
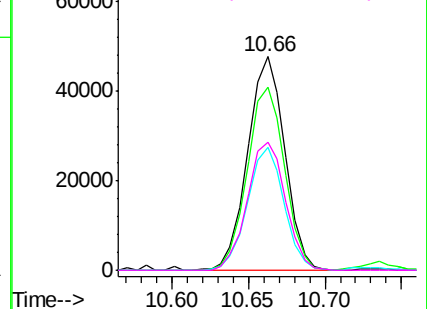


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 47.296 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

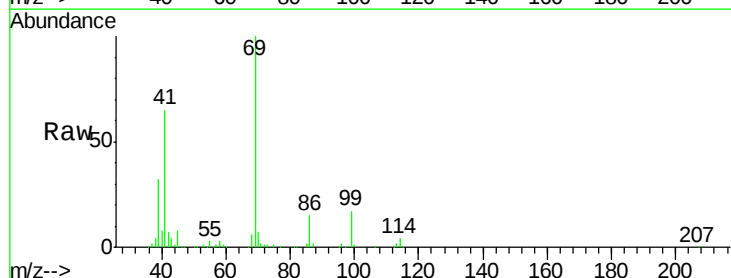
Tgt Ion: 69 Resp: 114892

Ion Ratio Lower Upper

69 100

41 63.5 49.9 74.9

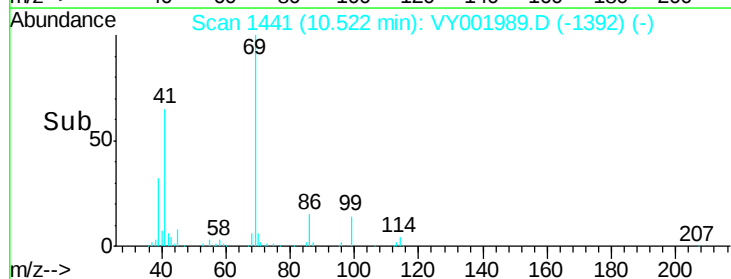
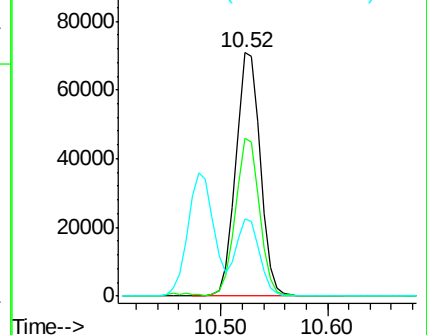
39 30.6 23.0 34.6

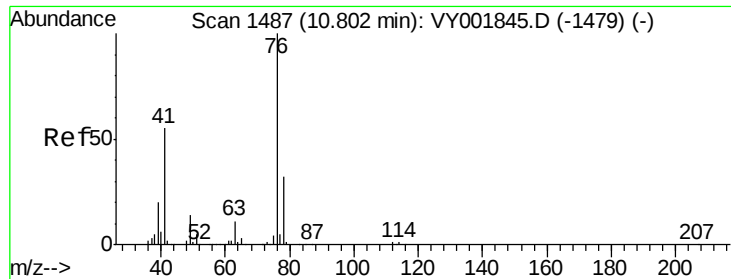


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 47.409 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 140056

Ion Ratio Lower Upper

76 100

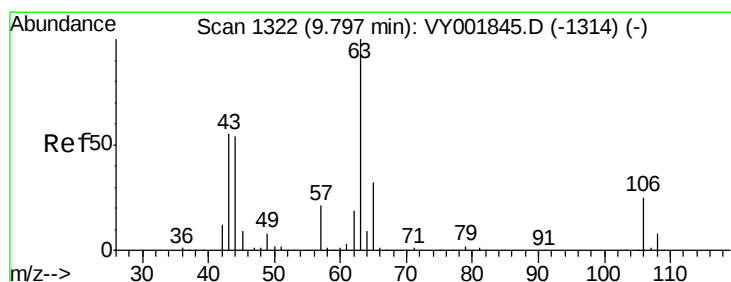
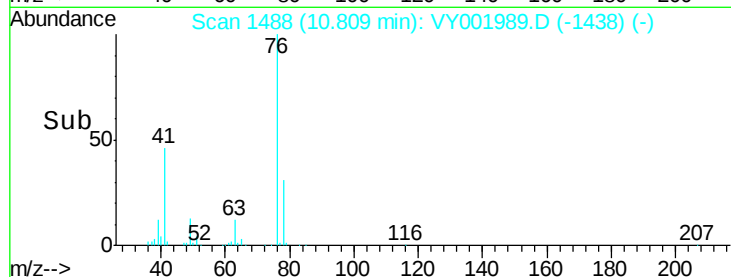
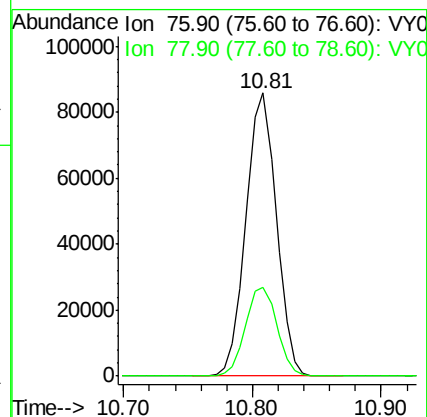
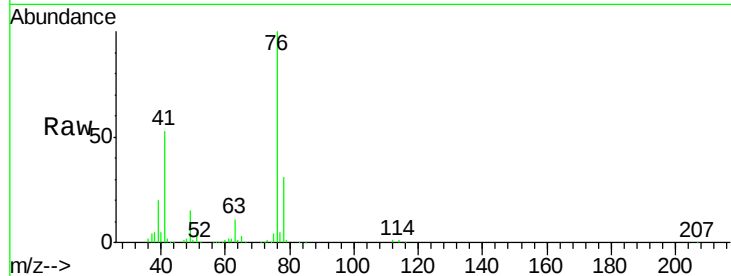
78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 209.011 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY001989.D

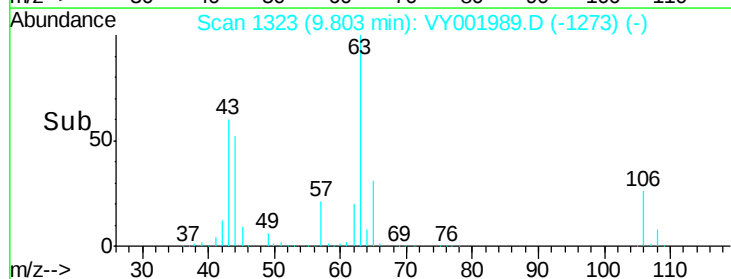
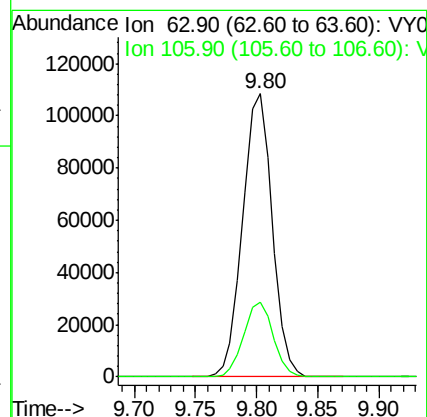
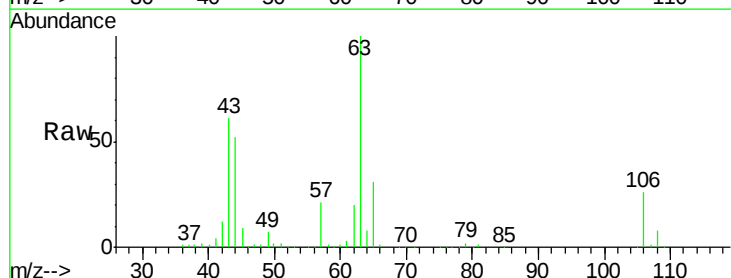
Acq: 17 Mar 2020 09:46

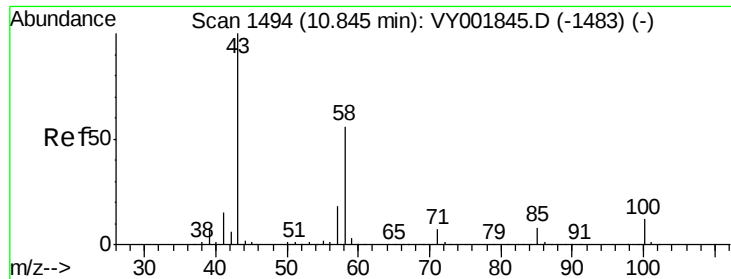
Tgt Ion: 63 Resp: 181966

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9





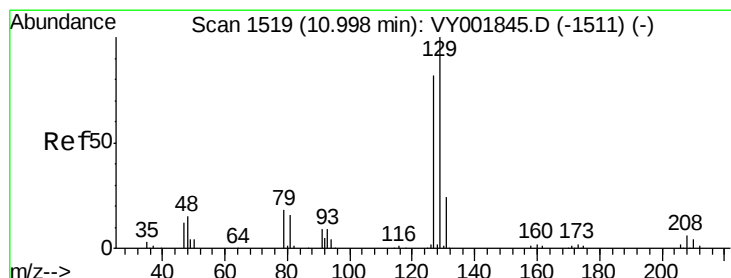
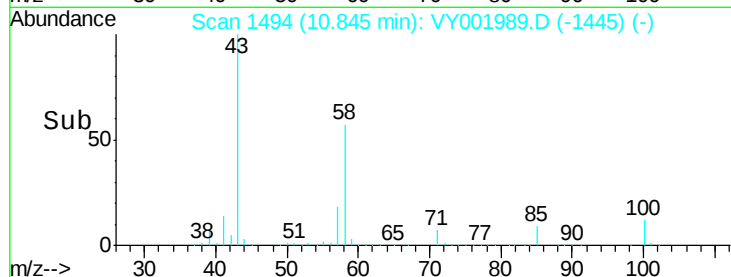
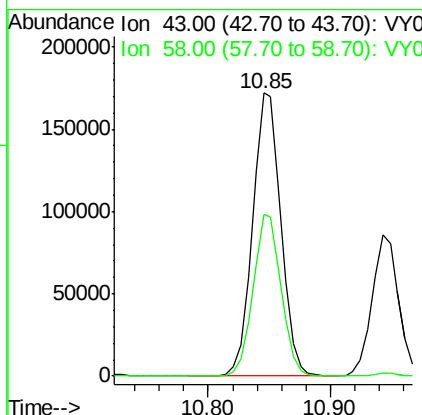
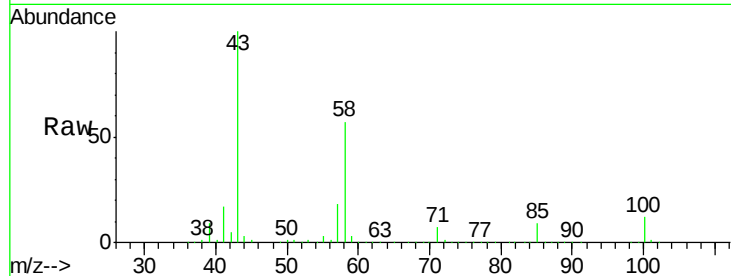
#59
2-Hexanone
Concen: 231.863 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 276634
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3

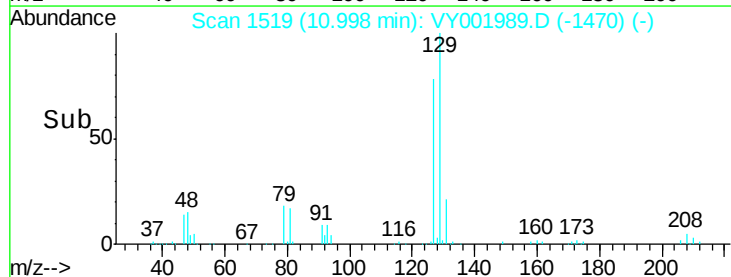
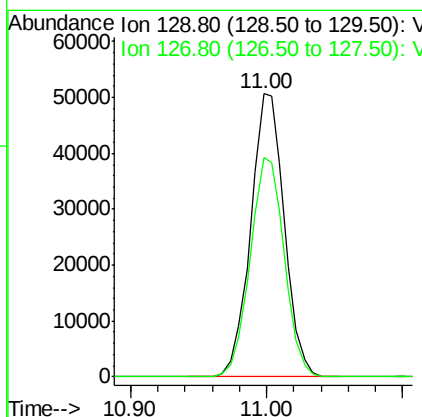
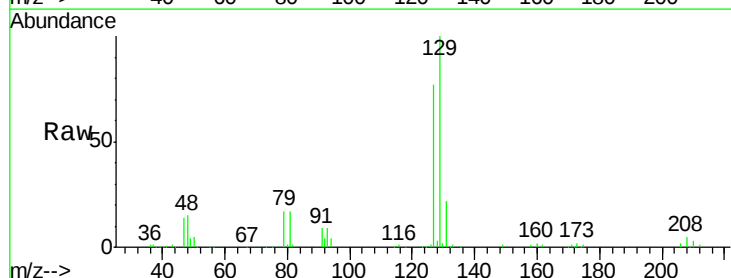
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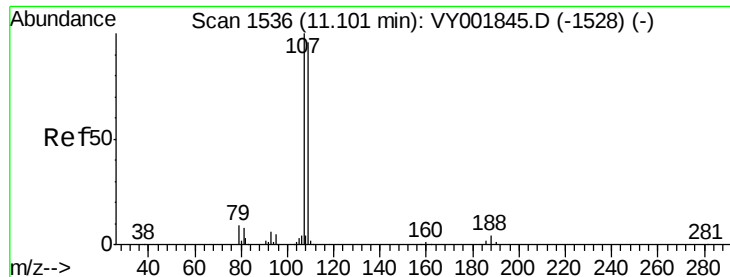
MMDadoda
3/18/2020 11:13:09 AM



#60
Dibromochloromethane
Concen: 50.325 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion: 129 Resp: 87885
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





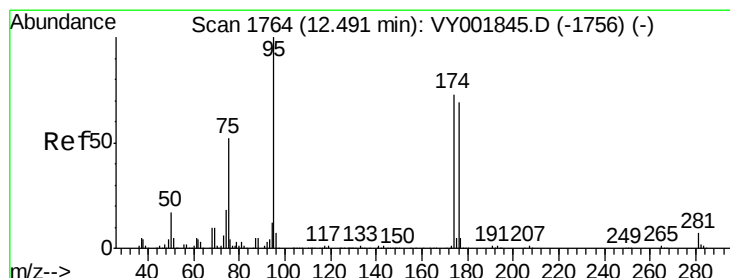
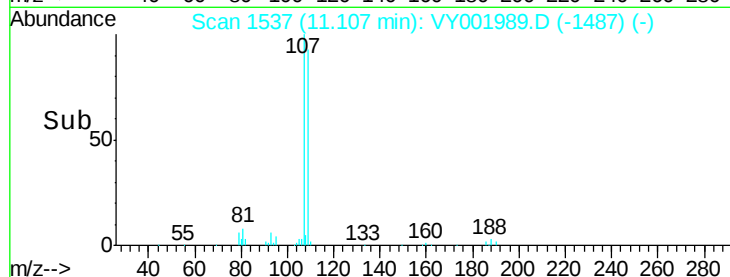
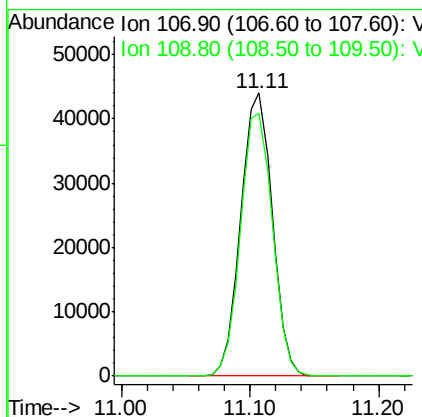
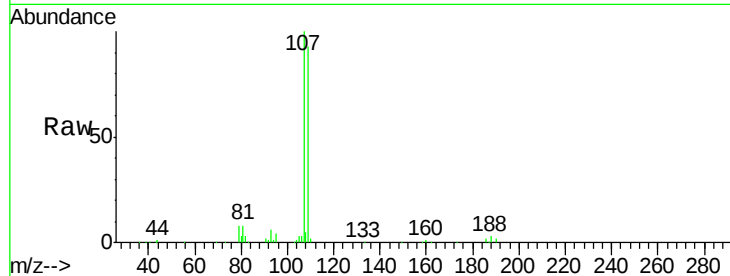
#61
 1,2-Dibromoethane
 Concen: 47.365 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 74357
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.0

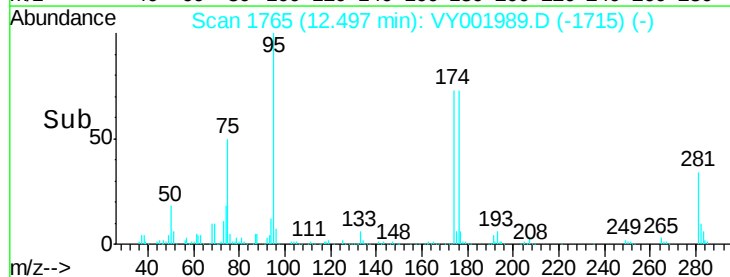
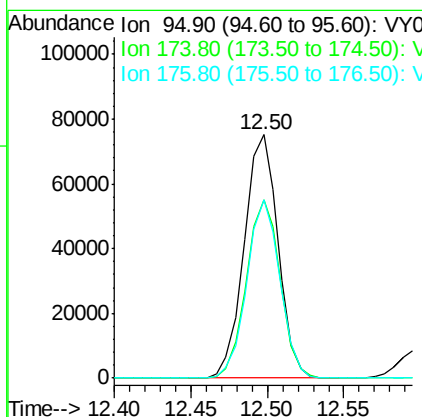
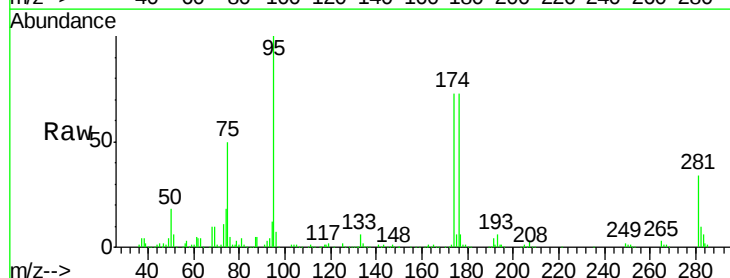
Manual Integrations
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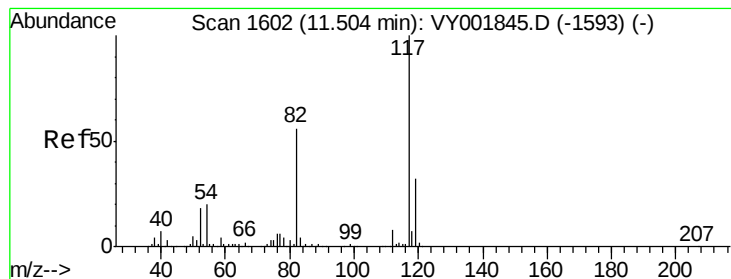
MMDadoda
 3/18/2020 11:13:09 AM



#62
 4-Bromofluorobenzene
 Concen: 47.125 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion: 95 Resp: 115635
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 145.0
 176 71.5 0.0 137.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

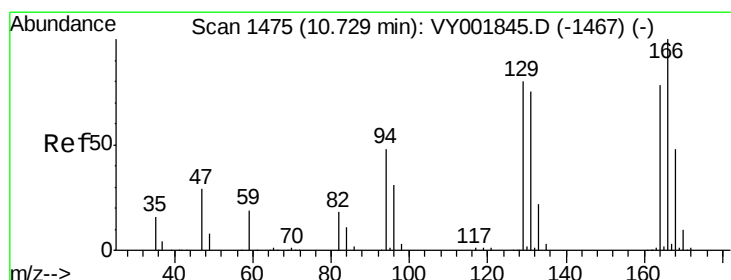
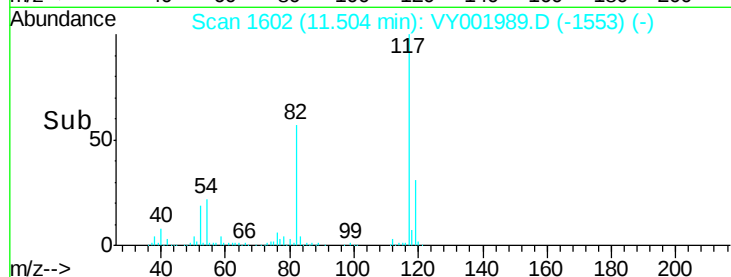
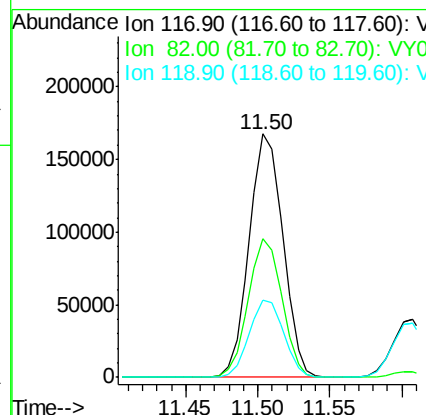
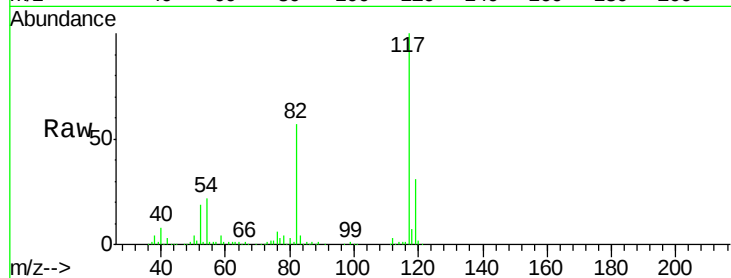
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	272437
Ion Ratio	Lower	Upper	
117	100		
82	56.8	44.5	66.7
119	31.5	25.7	38.5

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#64

Tetrachloroethene

Concen: 50.049 ug/l

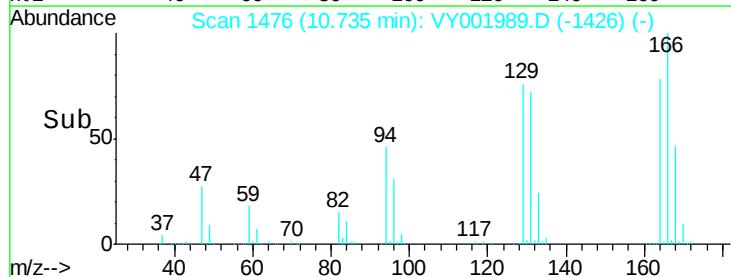
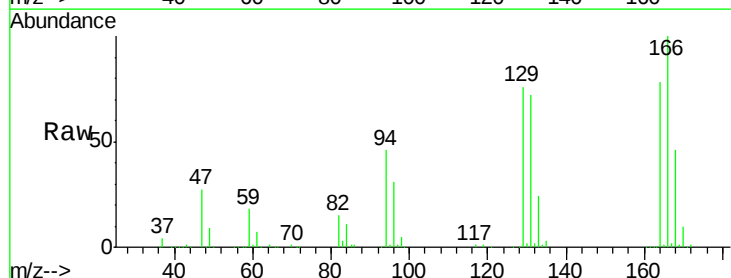
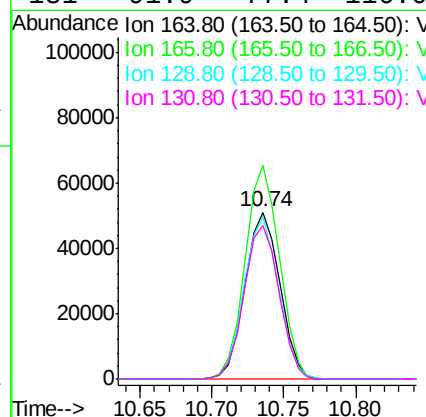
RT: 10.74 min Scan# 1476

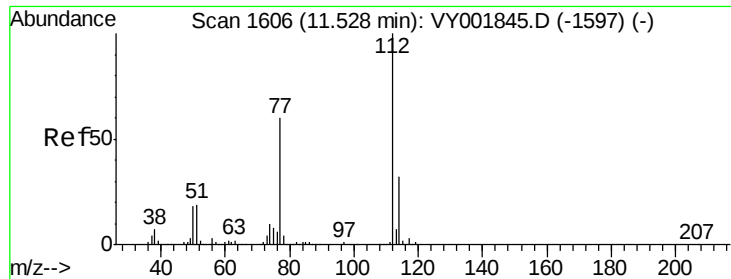
Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	164	Resp:	85509
Ion Ratio	Lower	Upper	
164	100		
166	128.3	102.6	154.0
129	97.7	82.3	123.5
131	91.9	77.4	116.0





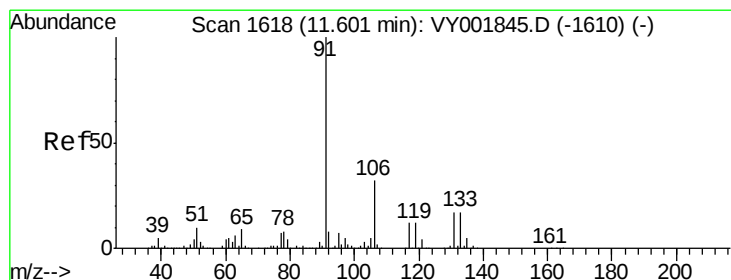
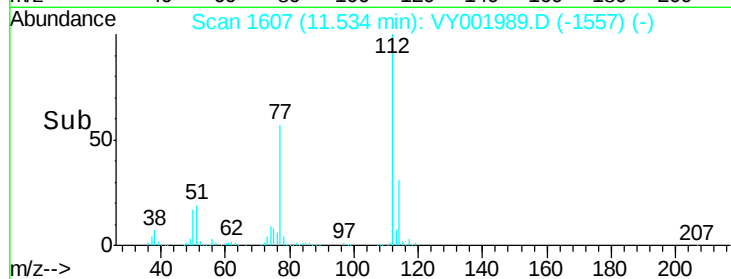
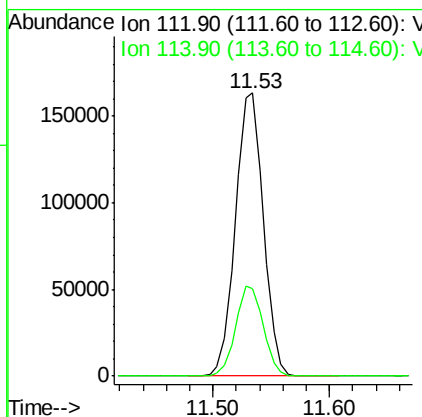
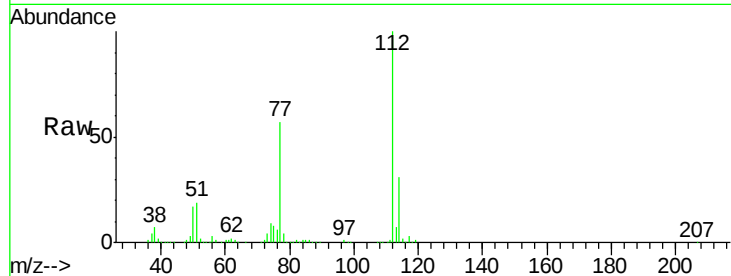
#65
Chlorobenzene
Concen: 50.323 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 273174
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9

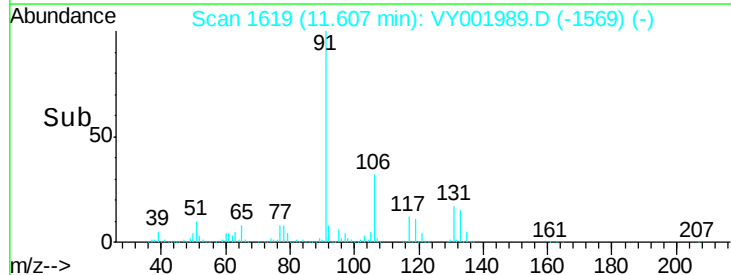
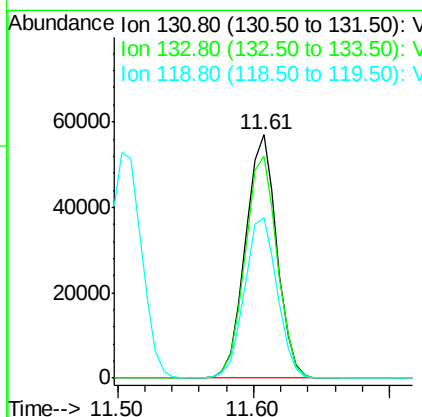
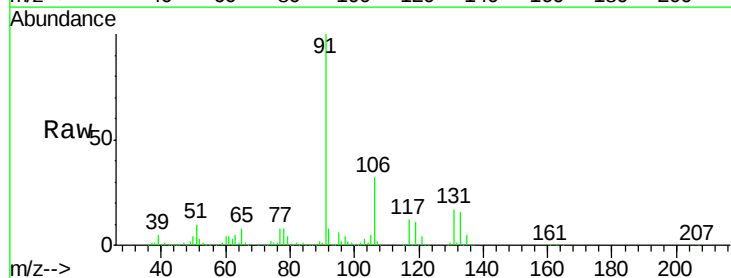
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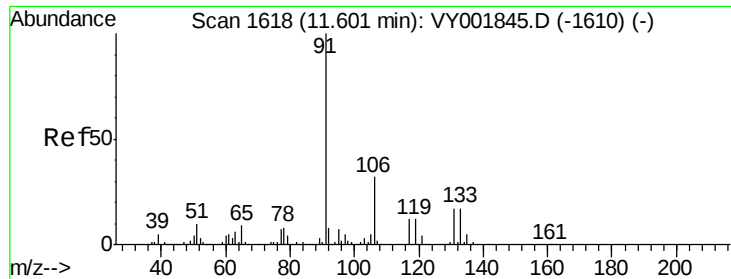
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.613 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion:131 Resp: 91879
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.3
119 68.6 34.5 103.6





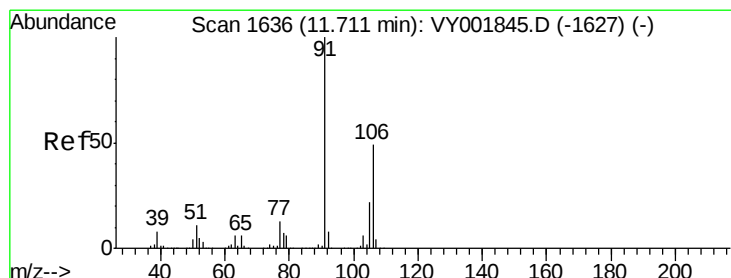
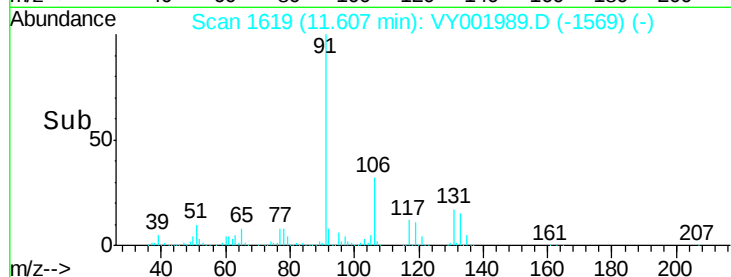
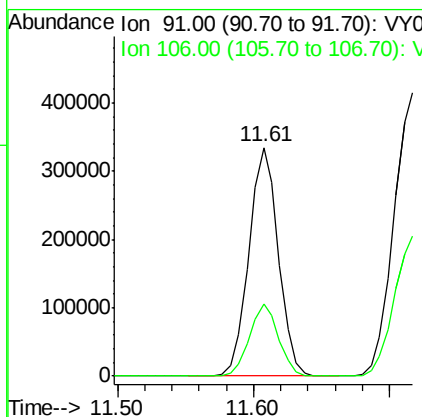
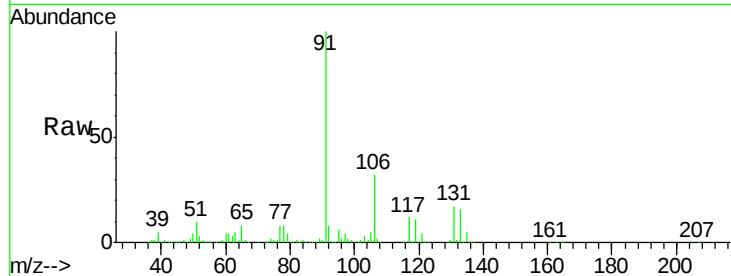
#67
Ethyl Benzene
Concen: 50.235 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.4	38.2

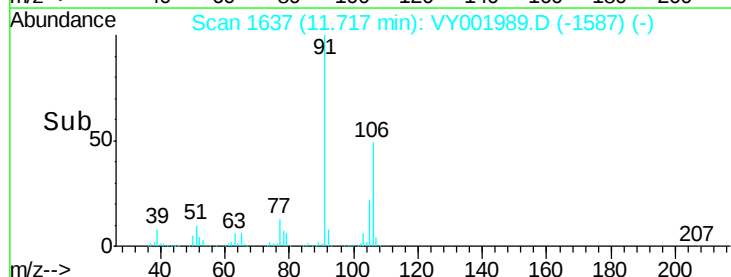
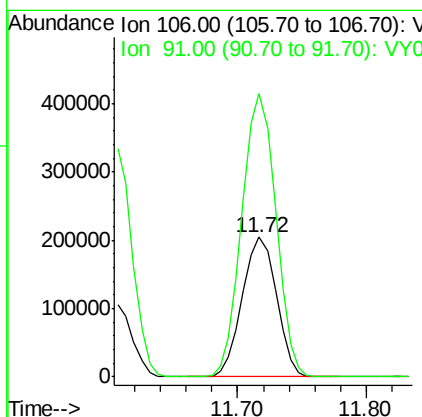
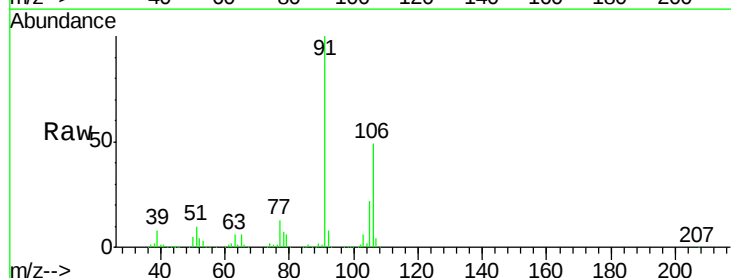
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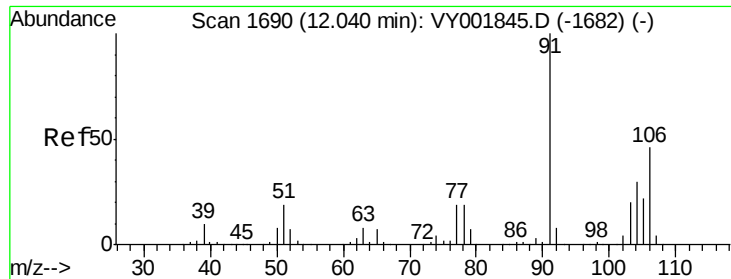
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#68
m/p-Xylenes
Concen: 100.871 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.4	161.3	241.9





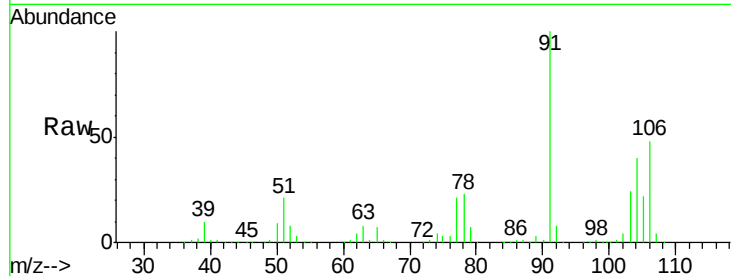
#69
o-Xylene
Concen: 50.887 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

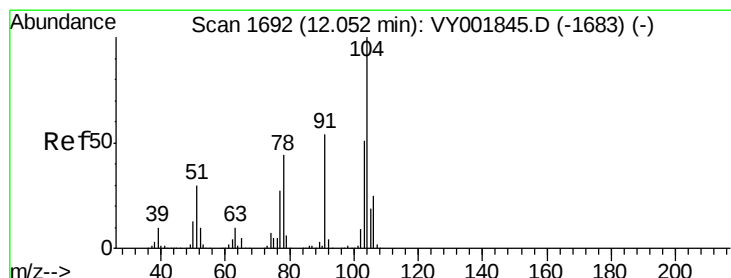
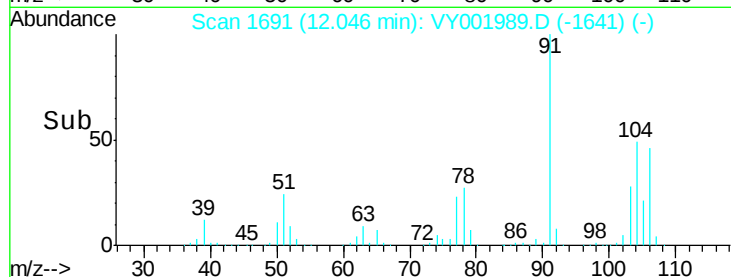
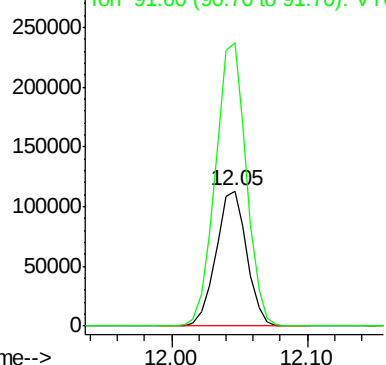
Tot Ion:106 Resp: 179520
Ion Ratio Lower Upper
106 100
91 209.6 106.8 320.4

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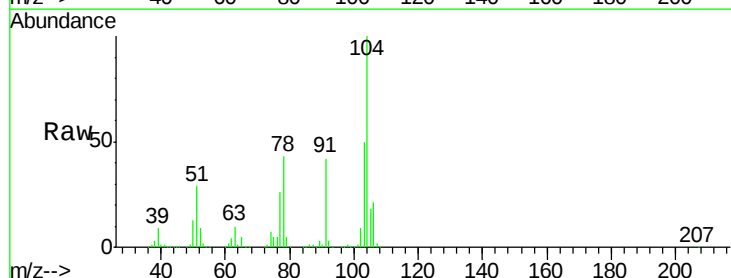


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

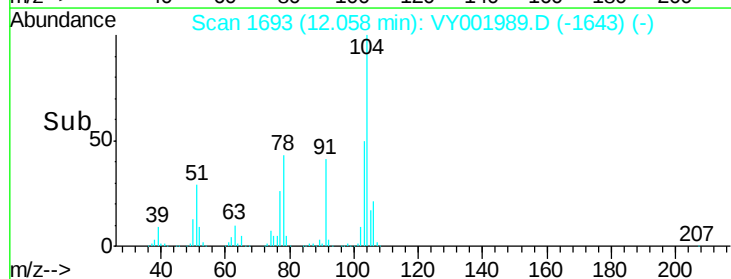
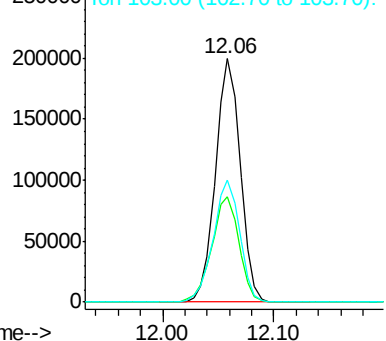


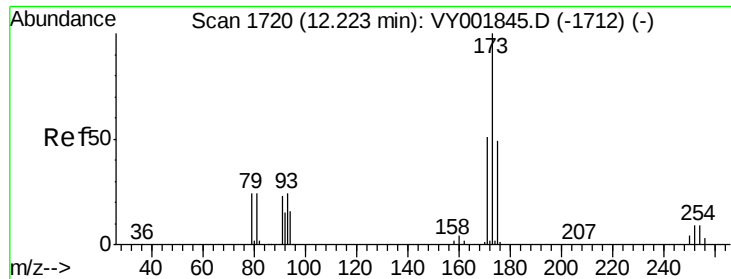
#70
Styrene
Concen: 51.057 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion:104 Resp: 308493
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 53.7 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.833 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

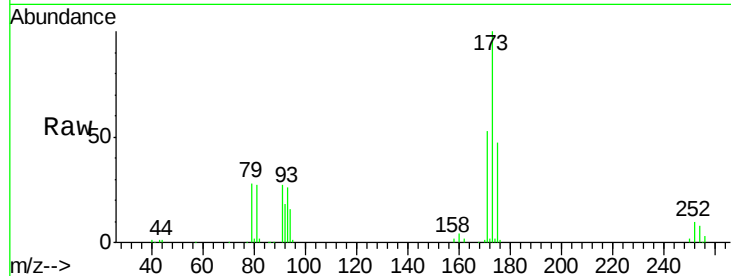
ClientSampleId :

VSTDCCC050

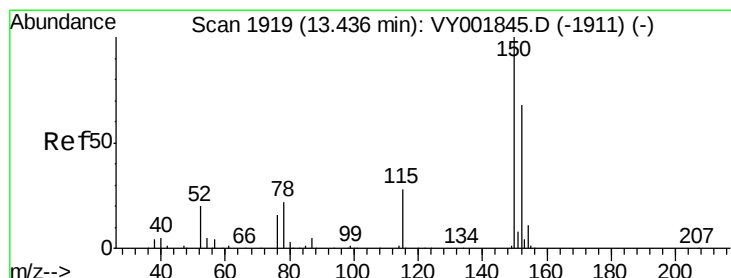
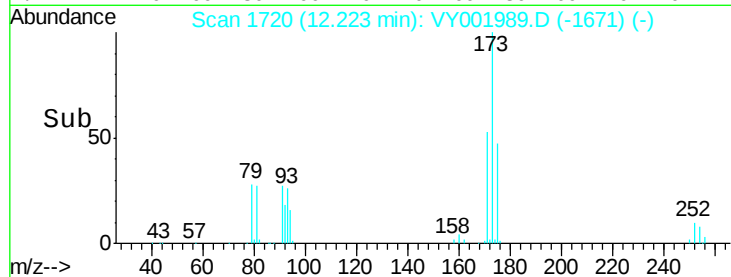
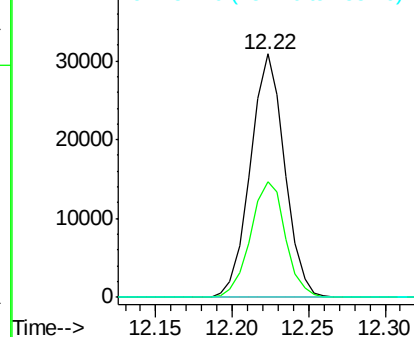
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.2	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

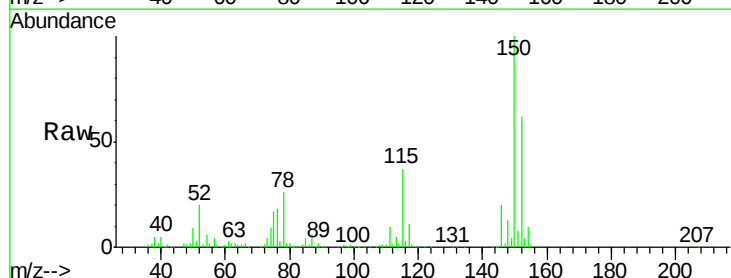
RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

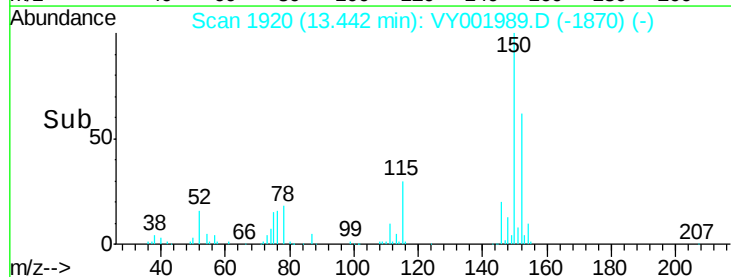
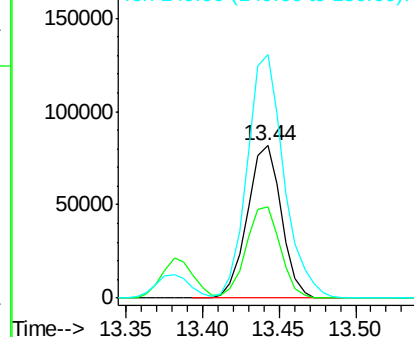
Lab File: VY001989.D

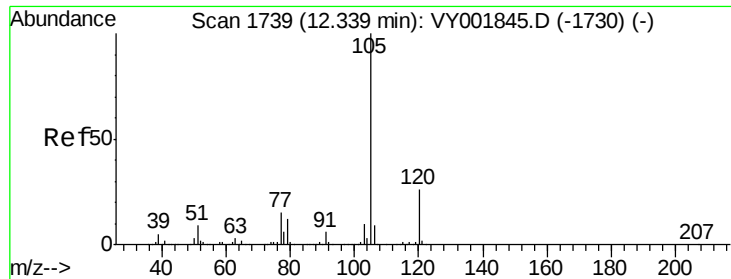
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.9	89.7
150	172.6	0.0	340.6



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





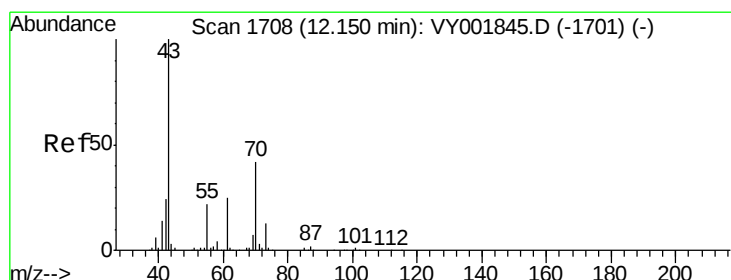
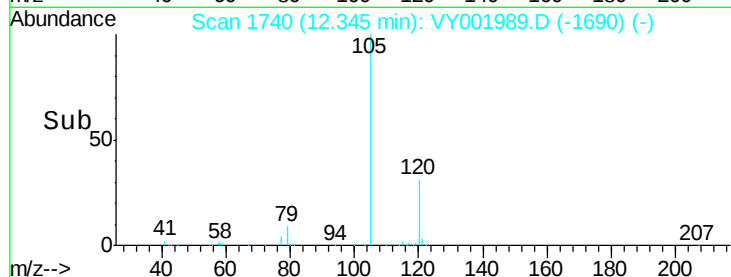
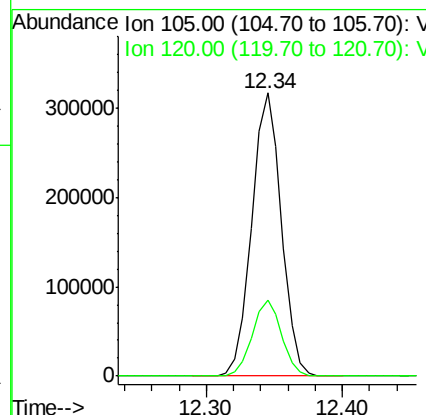
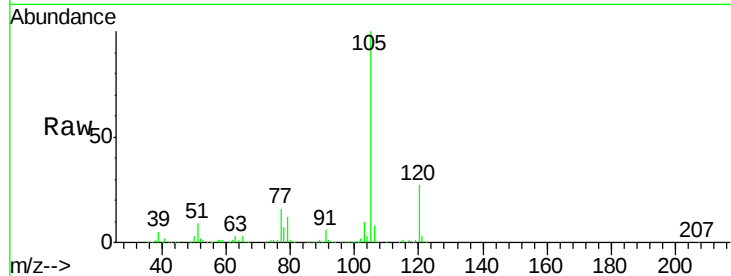
#73
Isopropylbenzene
Concen: 50.270 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3

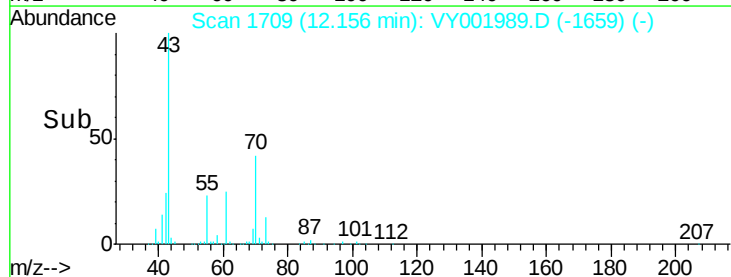
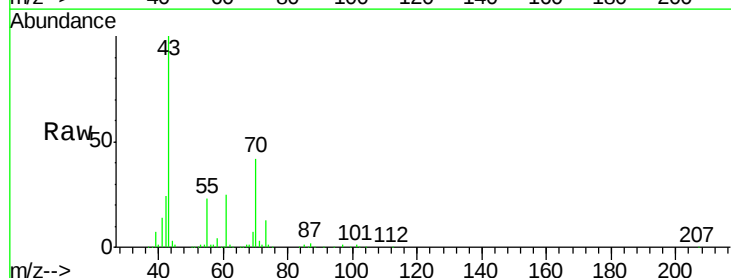
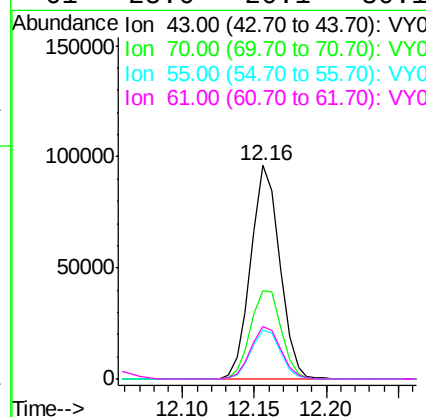
Manual Integrations
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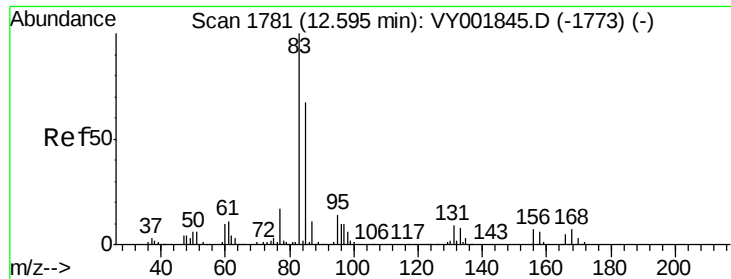
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#74
N-ethyl acetate
Concen: 45.251 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	34.7	52.1
55	23.6	18.2	27.4
61	25.6	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.333 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

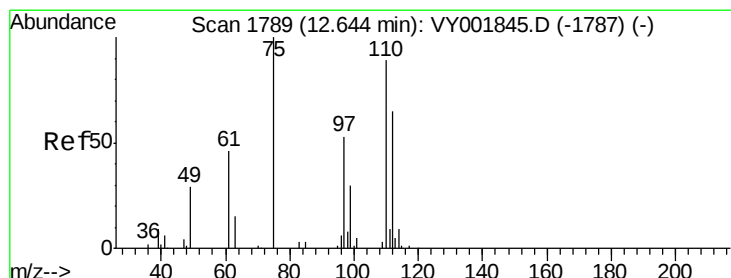
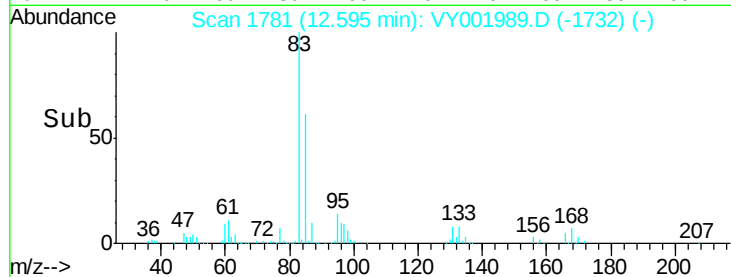
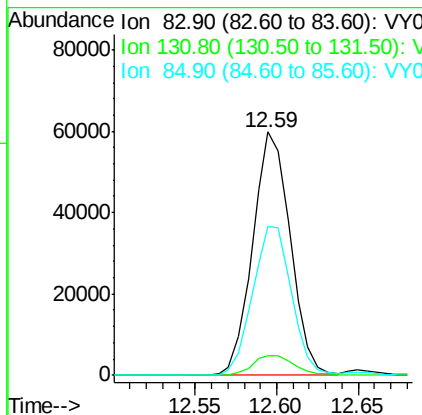
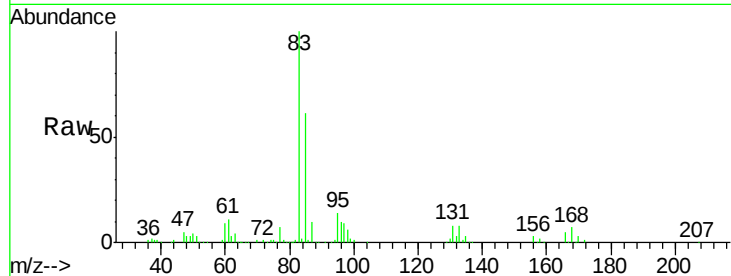
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	96065
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.6	13.8
85	63.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 40.250 ug/l m

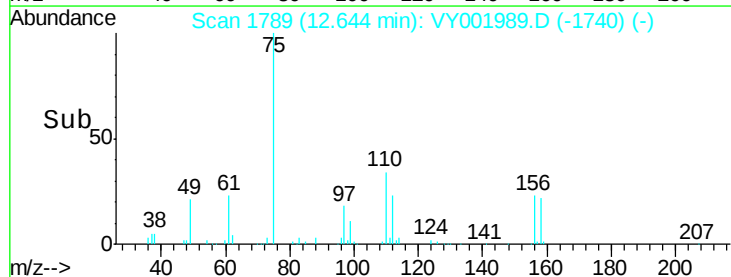
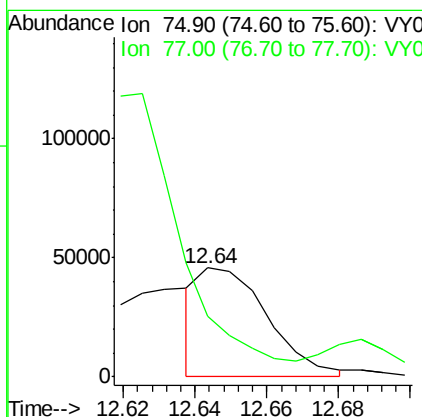
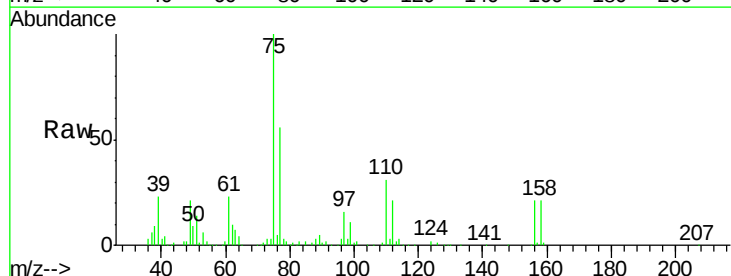
RT: 12.64 min Scan# 1789

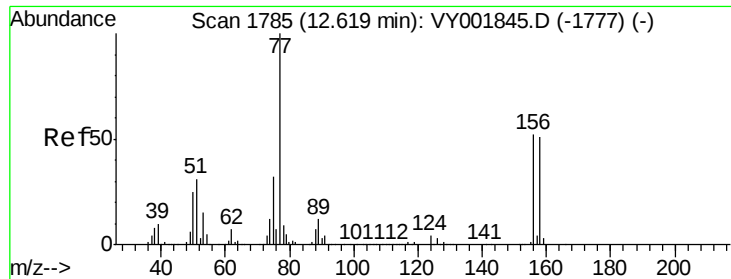
Delta R.T. 0.00 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	75	Resp:	60153
Ion Ratio	Lower	Upper	
75	100		
77	357.8	0.0	0.0#





#77

Bromobenzene

Concen: 49.949 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 101748

Ion Ratio Lower Upper

156 100

77 211.5 109.0 327.0

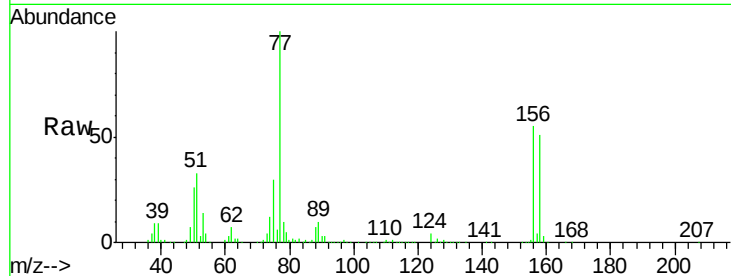
158 95.3 48.9 146.8

Manual Integrations

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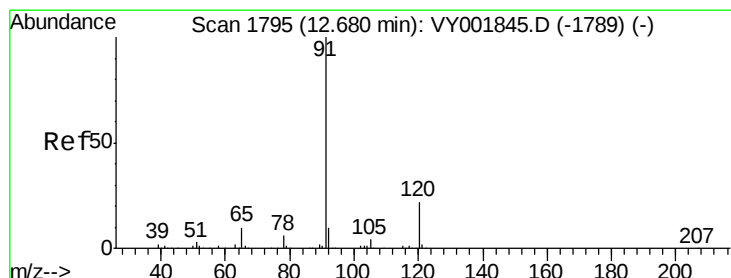
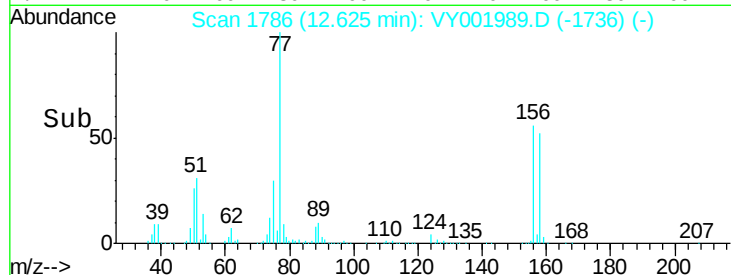
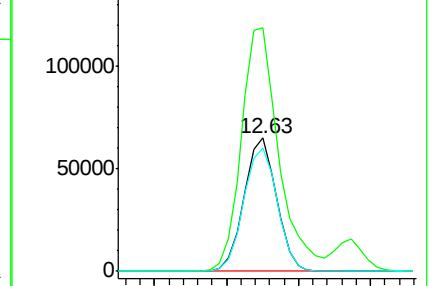
3/18/2020 11:13:09 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.468 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001989.D

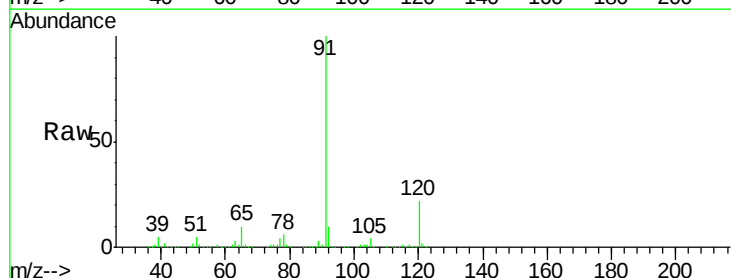
Acq: 17 Mar 2020 09:46

Tgt Ion: 91 Resp: 598634

Ion Ratio Lower Upper

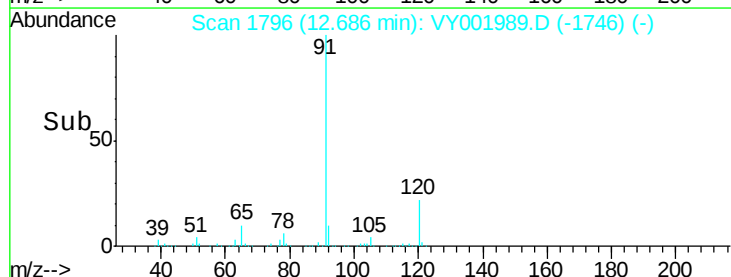
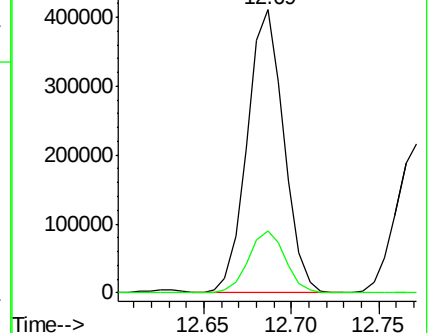
91 100

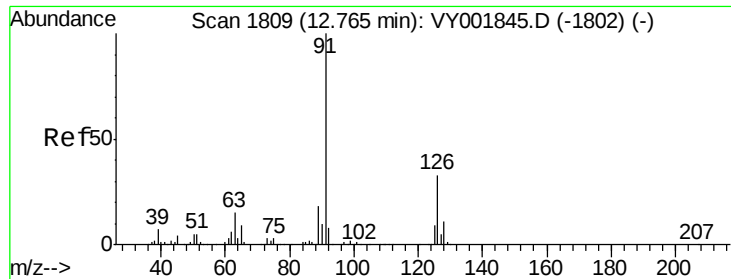
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.724 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 325860

Ion Ratio Lower Upper

91 100

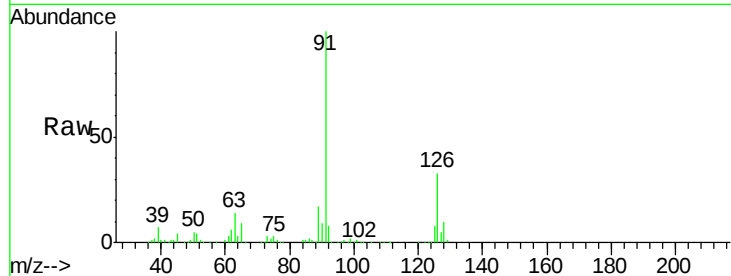
126 33.2 16.3 48.8

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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001845.D (-1802) (-)

300000

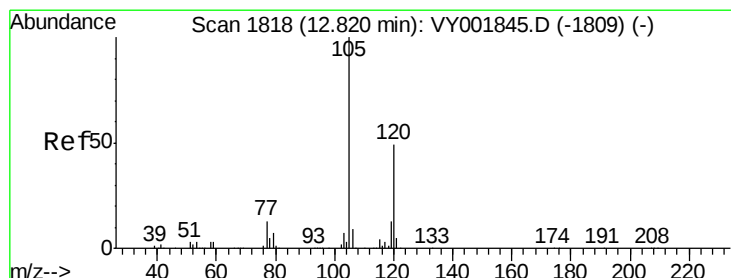
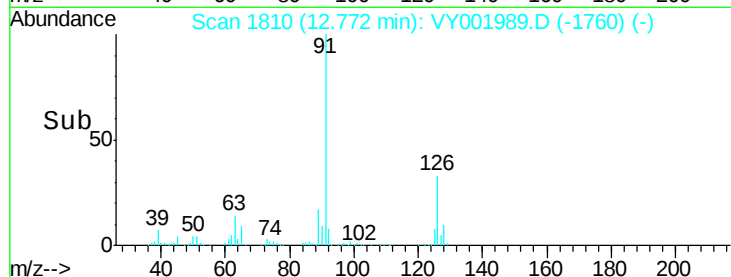
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.367 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001989.D

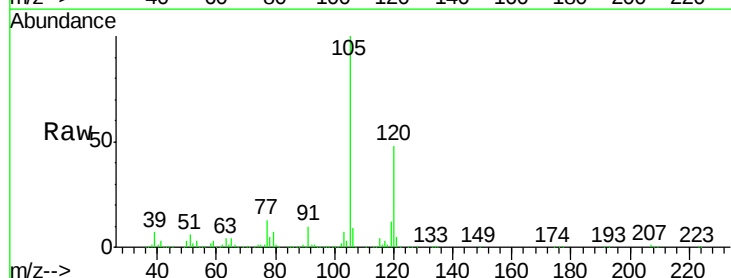
Acq: 17 Mar 2020 09:46

Tgt Ion: 105 Resp: 398666

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001845.D (-1809) (-)

300000

250000

200000

150000

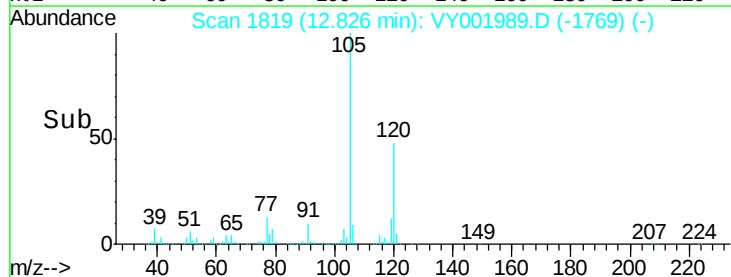
100000

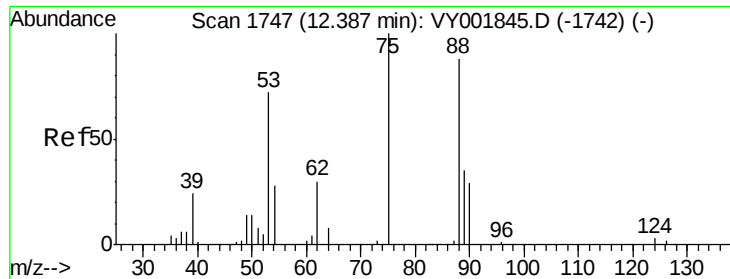
50000

0

12.80 12.85 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.269 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Instrument :

MSVOA_Y

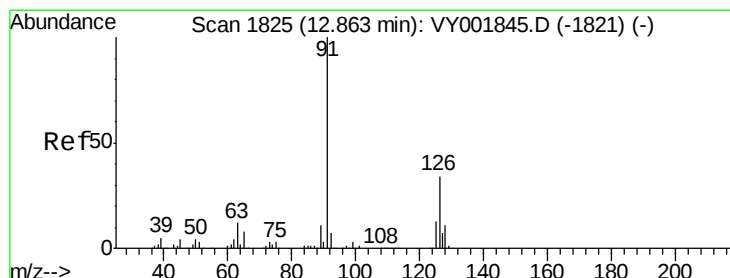
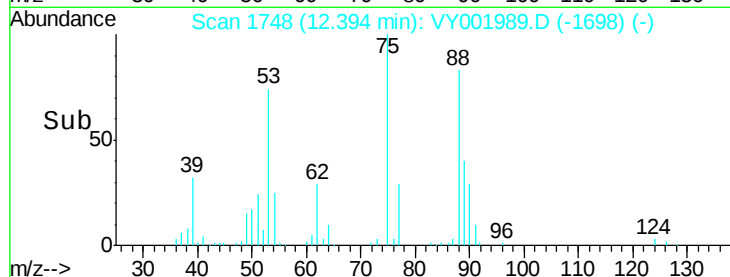
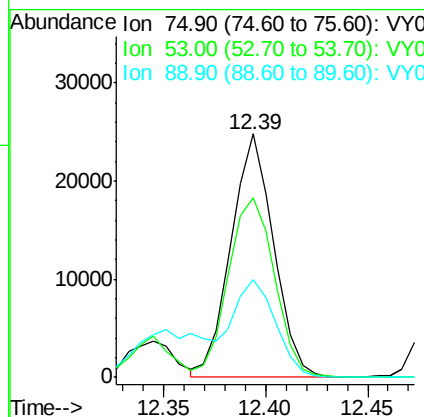
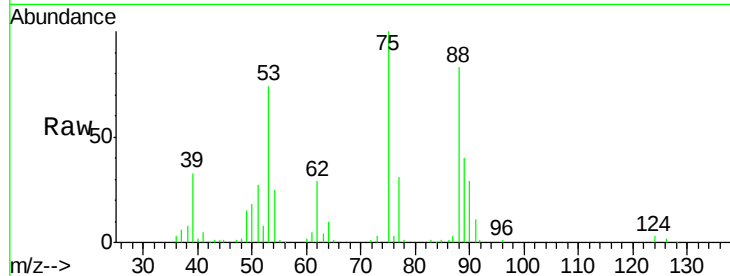
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	35712
Ion Ratio	Lower	Upper	
75	100		
53	80.7	65.4	98.0
89	40.1	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.236 ug/l

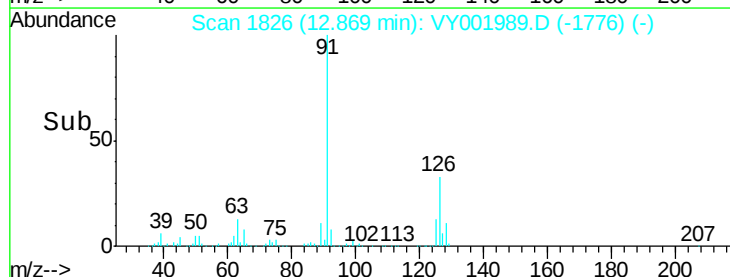
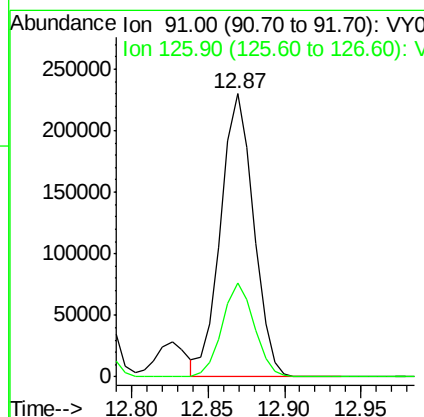
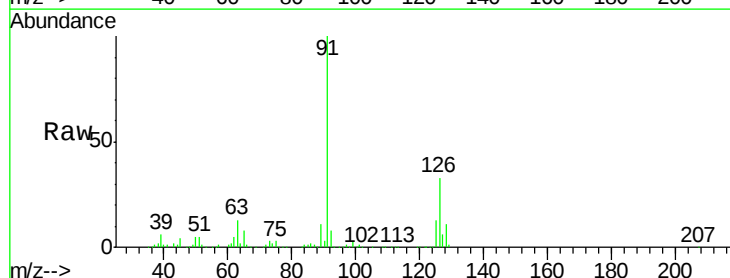
RT: 12.87 min Scan# 1826

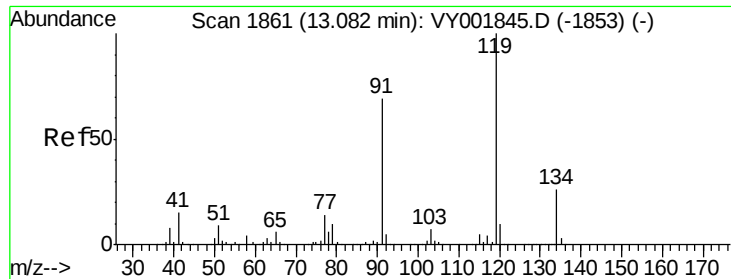
Delta R.T. 0.01 min

Lab File: VY001989.D

Acq: 17 Mar 2020 09:46

Tgt Ion:	91	Resp:	342773
Ion Ratio	Lower	Upper	
91	100		
126	32.5	16.4	49.2





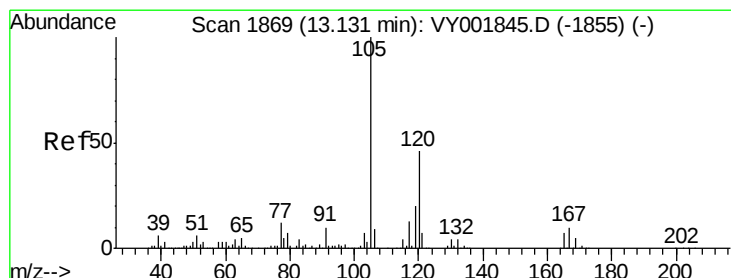
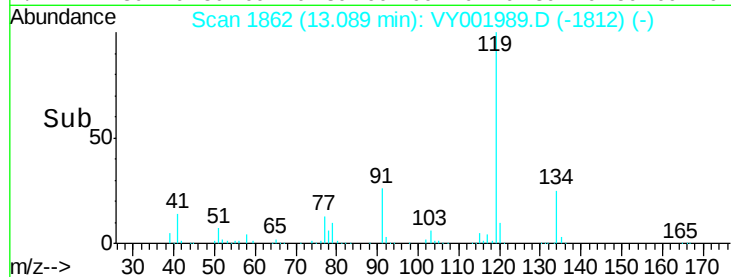
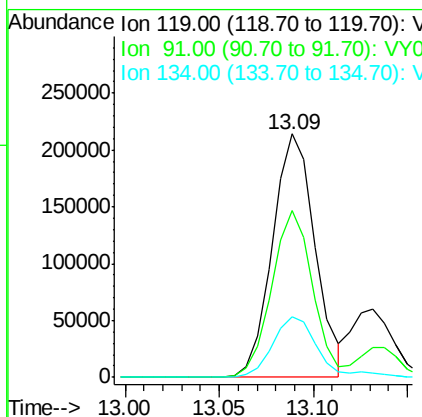
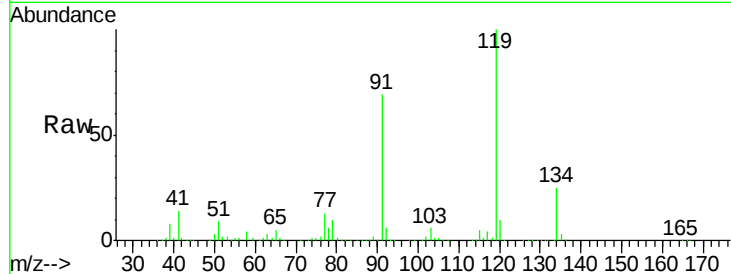
#83
tert-Butylbenzene
Concen: 51.086 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	34.0	101.8
134	26.5	13.5	40.4

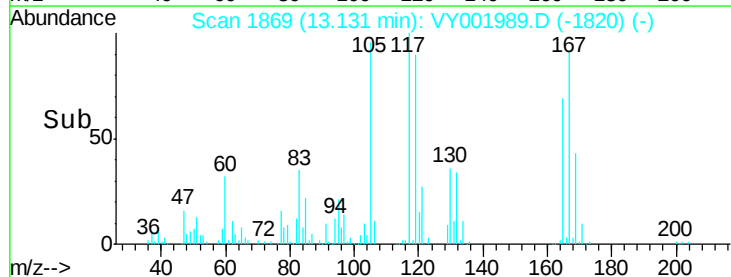
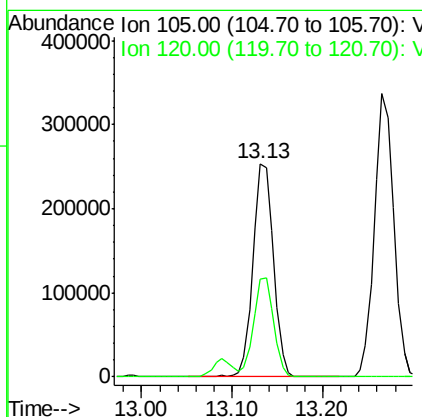
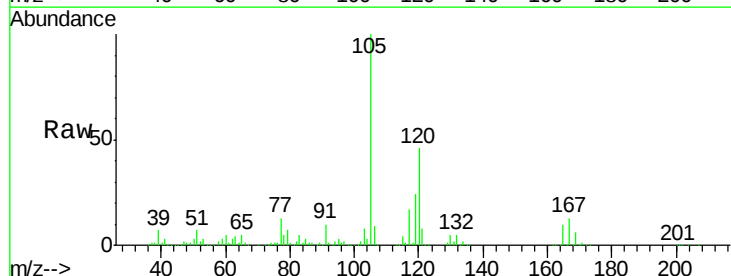
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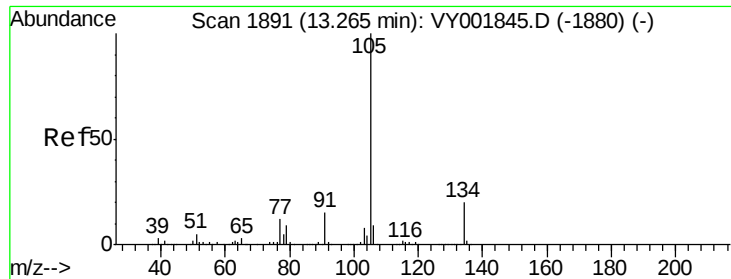
MMDadoda
3/18/2020 11:13:09 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.600 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.7





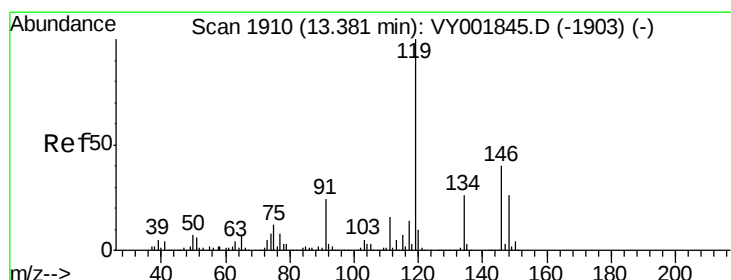
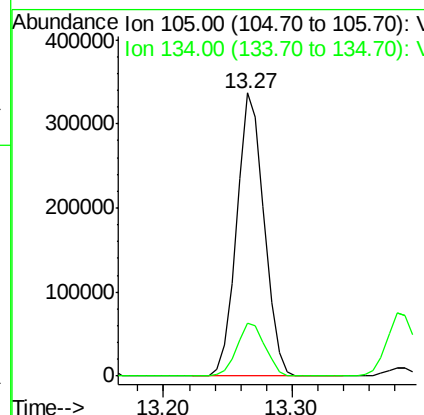
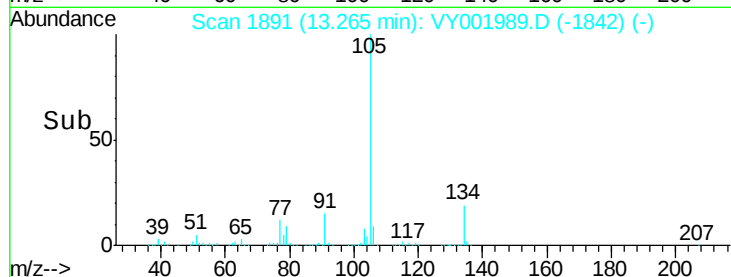
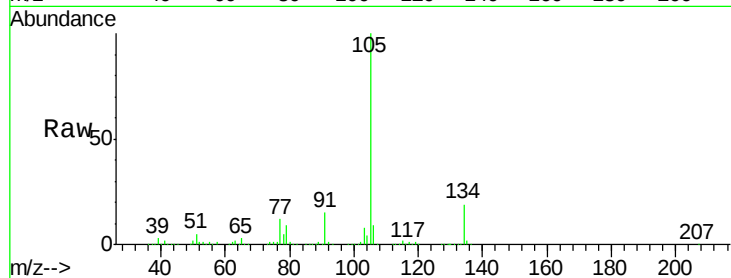
#85
 sec-Butylbenzene
 Concen: 51.359 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

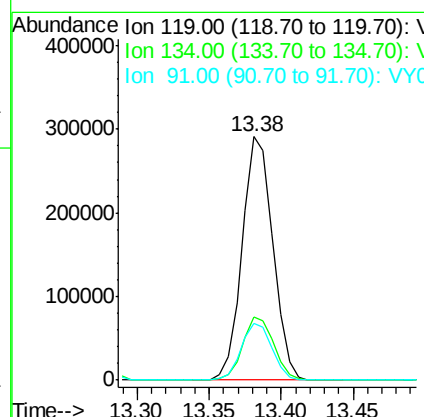
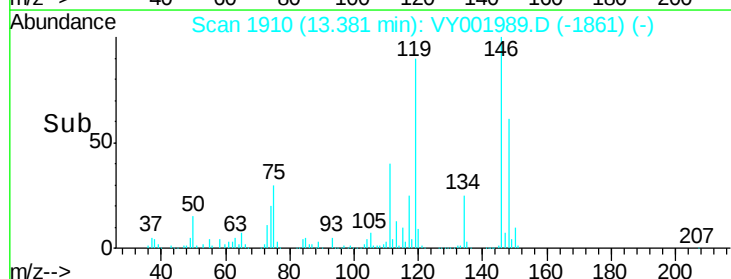
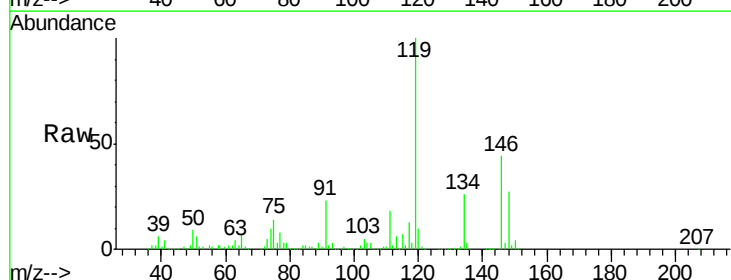
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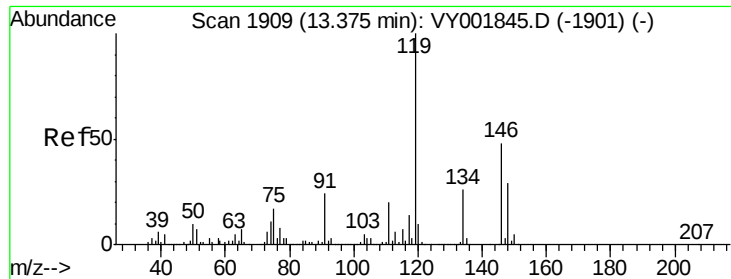
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#86
 p-Isopropyltoluene
 Concen: 51.353 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.4	11.9	35.7





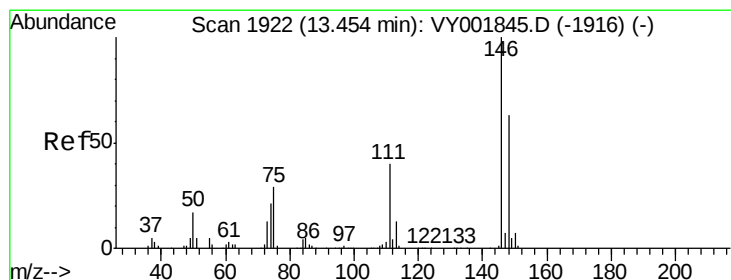
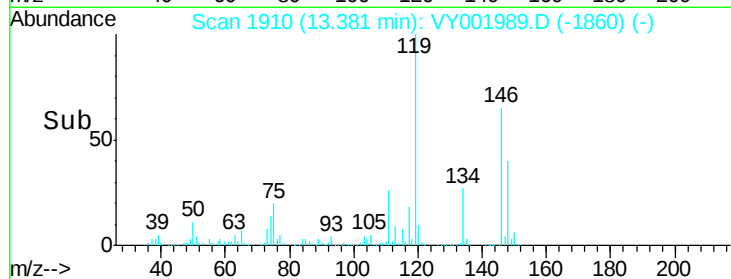
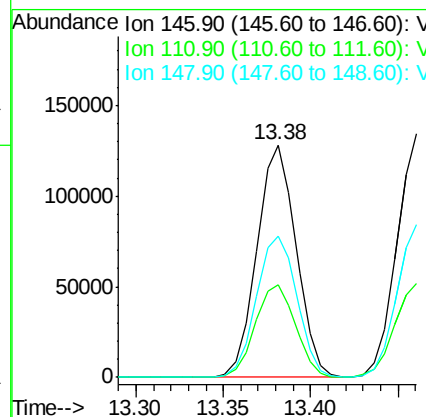
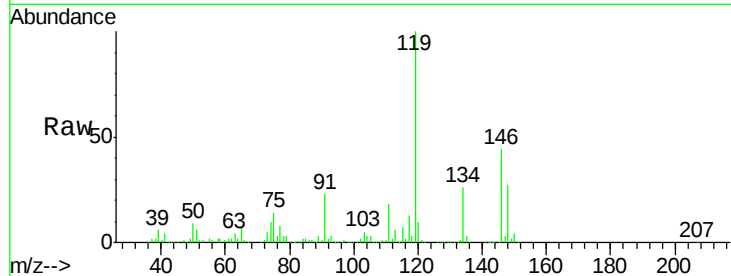
#87
 1,3-Dichlorobenzene
 Concen: 50.005 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	199607		
111	41.1	20.8	62.5	
148	62.7	31.4	94.0	

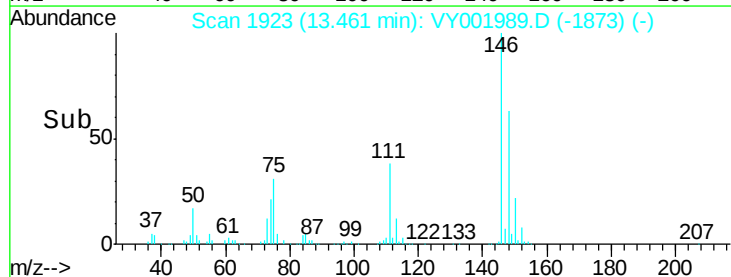
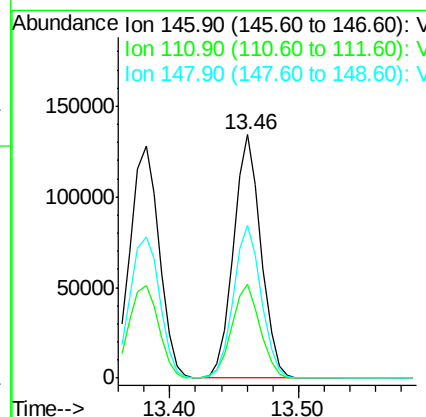
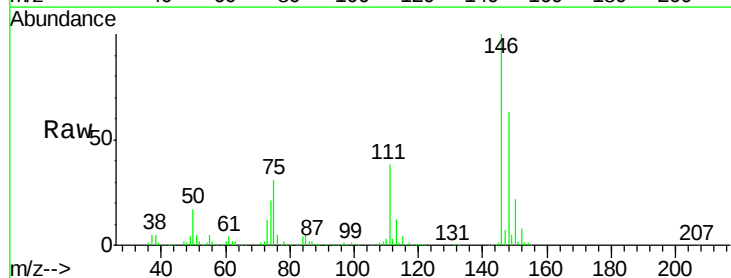
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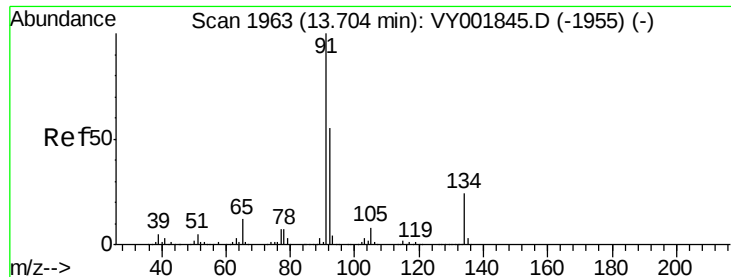
MMDadoda
 3/18/2020 11:13:09 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.414 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	200107		
111	39.7	20.0	60.0	
148	63.5	31.5	94.5	





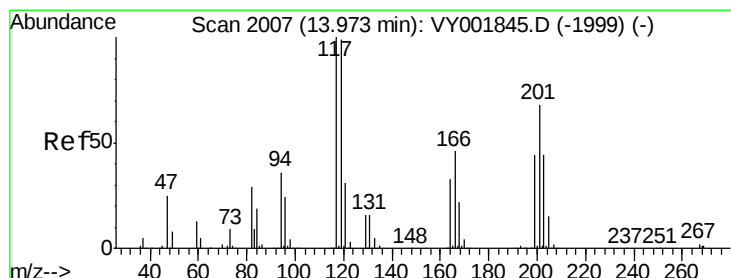
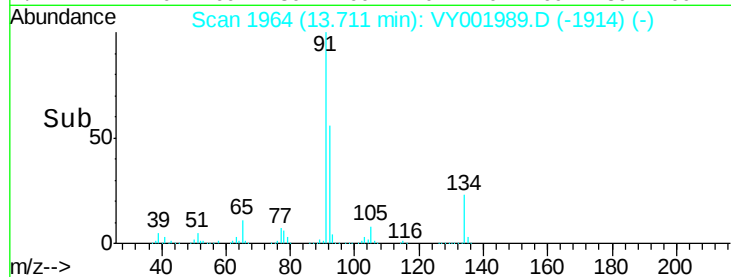
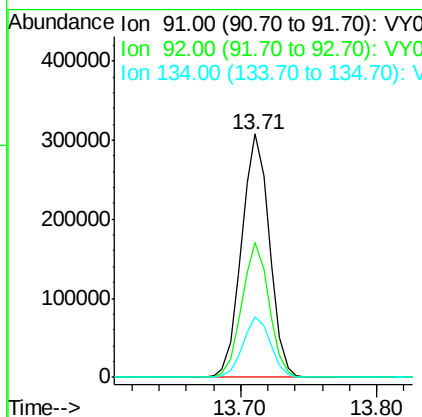
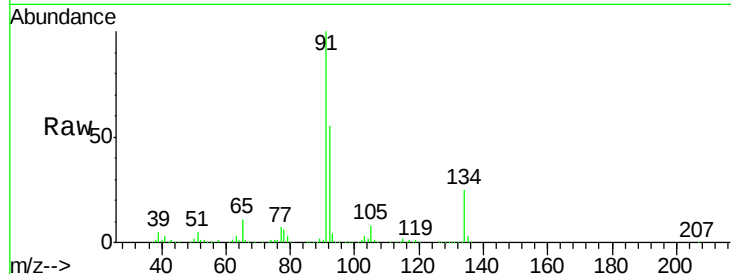
#89
n-Butylbenzene
Concen: 50.730 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	27.5	82.4	
134	24.7	12.5	37.5	

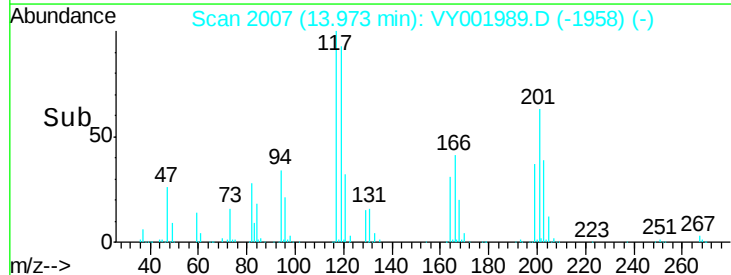
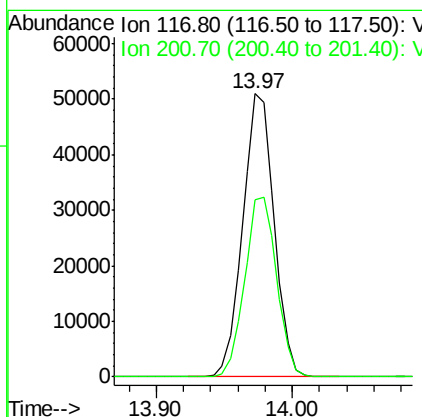
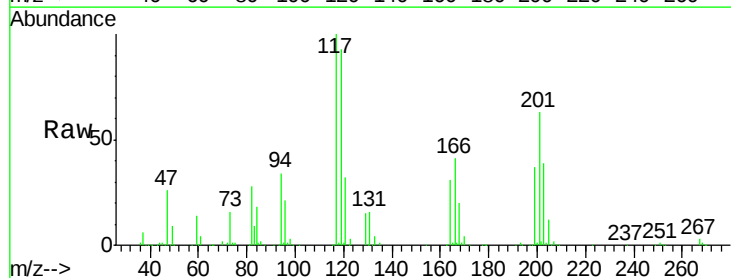
Manual Integrations
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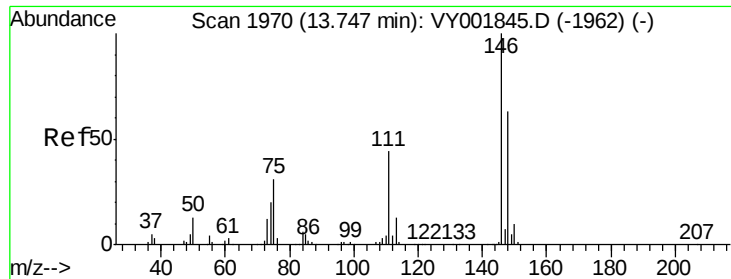
MMDadoda
3/18/2020 11:13:09 AM



#90
Hexachloroethane
Concen: 52.079 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	64.7	32.5	97.5	





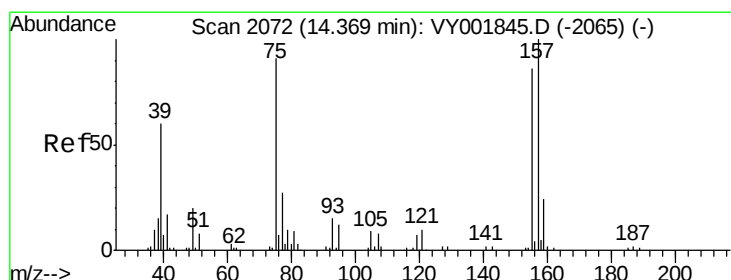
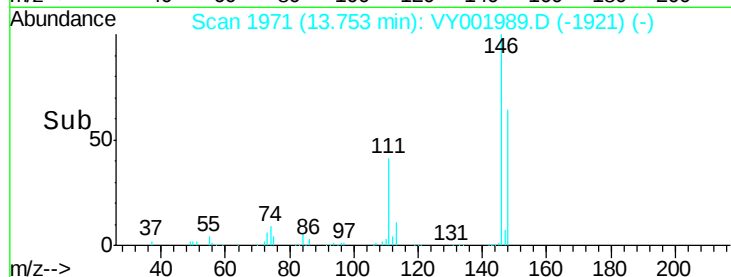
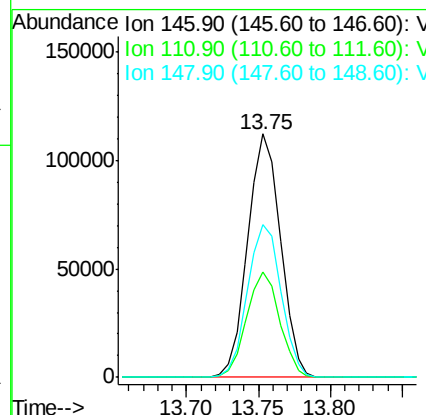
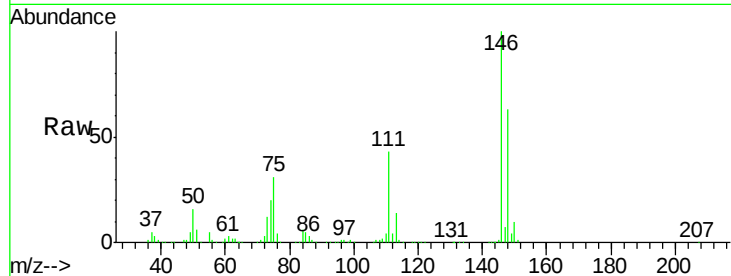
#91
 1,2-Dichlorobenzene
 Concen: 48.950 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.5	64.5
148	63.9	32.0	96.0

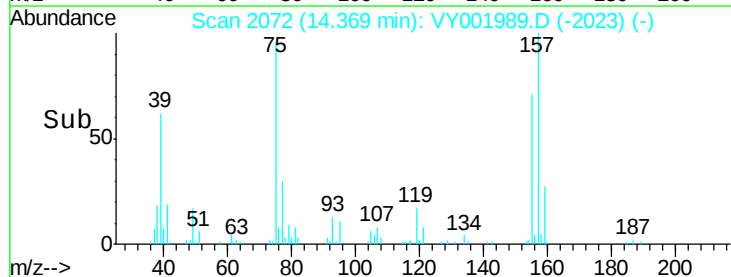
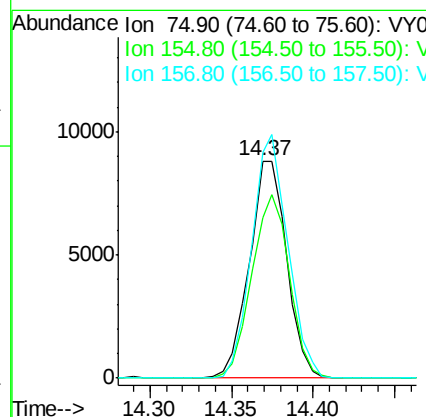
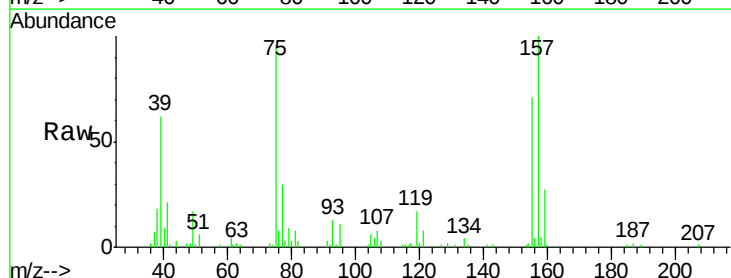
Manual Integrations
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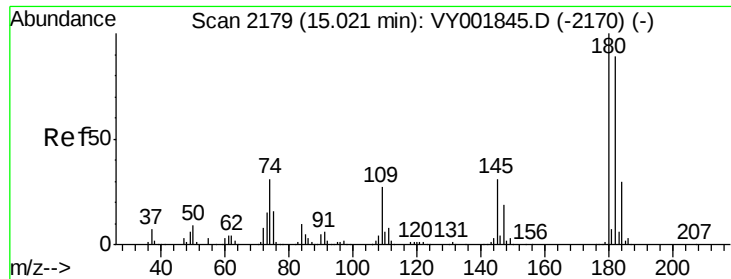
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.423 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.9	128.7
157	108.0	53.1	159.4





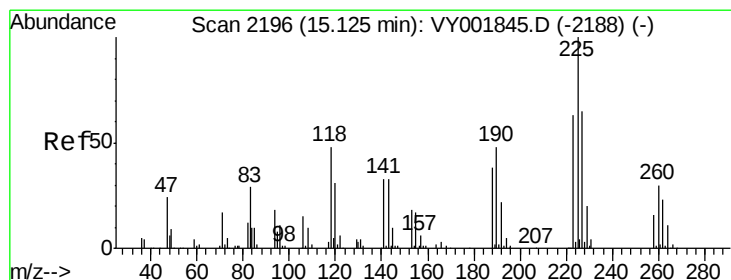
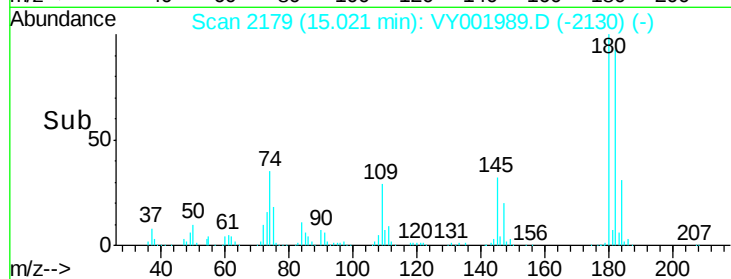
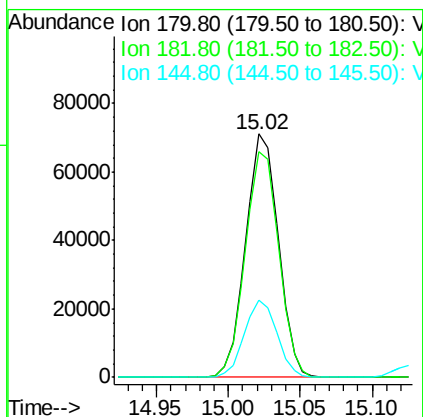
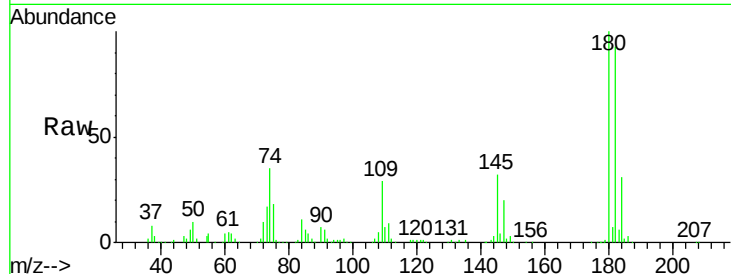
#93
 1,2,4-Trichlorobenzene
 Concen: 47.630 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112016		
182	94.6	46.1	138.3	
145	31.5	15.6	46.8	

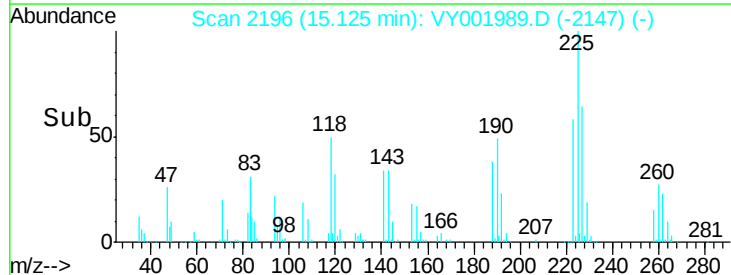
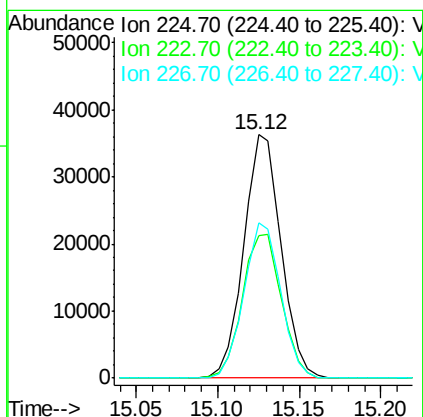
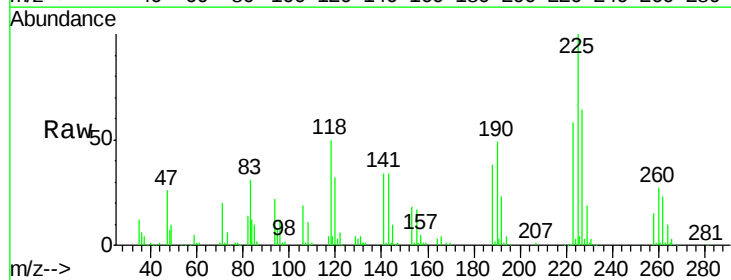
Manual Integrations
 APPROVED

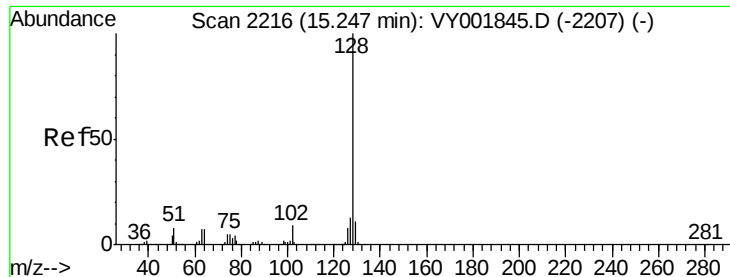
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#94
 Hexachlorobutadiene
 Concen: 50.249 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY001989.D
 Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57616		
223	62.1	31.5	94.5	
227	63.2	31.9	95.5	





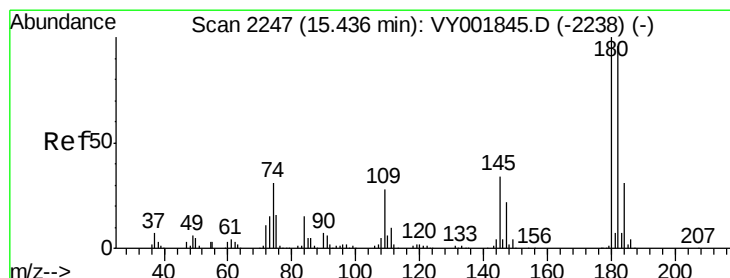
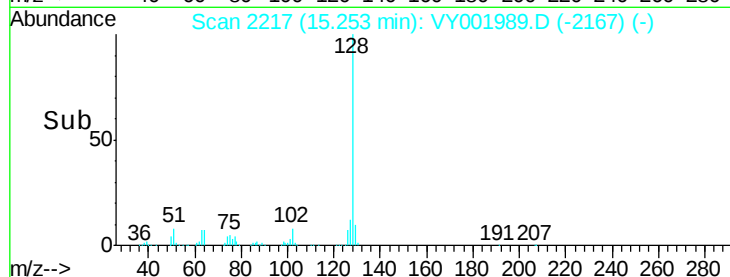
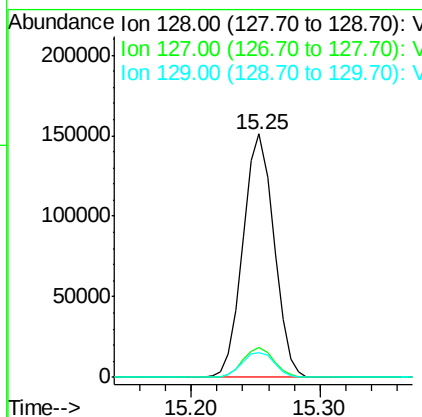
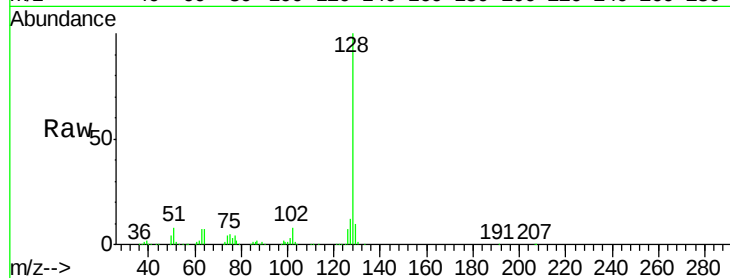
#95
Naphthalene
Concen: 45.004 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.868 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001989.D
Acq: 17 Mar 2020 09:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.6	142.9
145	33.7	16.8	50.3

