

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030620\
 Data File : VY001892.D
 Acq On : 06 Mar 2020 10:33
 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
 3/9/2020 11:41:01 AM

Quant Time: Mar 06 23:12:58 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	7.81	168	162178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	293863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	262063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	118845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	89662	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.74	113	82418	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.19	98	348307	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.50	95	119124	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	72707	48.568	ug/l 95
3) Chloromethane	2.13	50	100114	49.603	ug/l 99
4) Vinyl Chloride	2.26	62	104655	50.977	ug/l 99
5) Bromomethane	2.66	94	67680	57.297	ug/l 93
6) Chloroethane	2.81	64	66168	51.308	ug/l 98
7) Trichlorofluoromethane	3.15	101	140158	50.340	ug/l 96
8) Diethyl Ether	3.55	74	56184	51.200	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92028	51.390	ug/l 99
10) Methyl Iodide	4.11	142	107258	51.792	ug/l 100
11) Tert butyl alcohol	4.98	59	44440	246.319	ug/l 100
12) 1,1-Dichloroethene	3.90	96	93011	51.583	ug/l 95
13) Acrolein	3.75	56	57890	237.940	ug/l 93
14) Allyl chloride	4.50	41	167123	52.281	ug/l 100
15) Acrylonitrile	5.19	53	151406	258.202	ug/l 99
16) Acetone	3.97	43	148043	293.576	ug/l 93
17) Carbon Disulfide	4.22	76	308477	50.892	ug/l 99
18) Methyl Acetate	4.50	43	64628	49.879	ug/l 99
19) Methyl tert-butyl Ether	5.25	73	252378	51.650	ug/l 98
20) Methylene Chloride	4.74	84	105477	48.804	ug/l 95
21) trans-1,2-Dichloroethene	5.24	96	103656	50.648	ug/l 99
22) Diisopropyl ether	6.14	45	339098	51.751	ug/l 97
23) Vinyl Acetate	6.09	43	1129903	263.038	ug/l 98
24) 1,1-Dichloroethane	6.05	63	183387	51.682	ug/l 99
25) 2-Butanone	7.01	43	207708	270.853	ug/l 99
26) 2,2-Dichloropropane	7.00	77	152288	52.290	ug/l 99
27) cis-1,2-Dichloroethene	7.01	96	113547	51.004	ug/l 99
28) Bromochloromethane	7.36	49	85954	53.741	ug/l 100
29) Tetrahydrofuran	7.37	42	128066	251.481	ug/l 100
30) Chloroform	7.53	83	170950	51.278	ug/l 99
31) Cyclohexane	7.80	56	187244	49.215	ug/l 98
32) 1,1,1-Trichloroethane	7.72	97	144893	51.566	ug/l 98
36) 1,1-Dichloropropene	7.94	75	146738	51.890	ug/l 100
37) Ethyl Acetate	7.10	43	86832	52.832	ug/l 99
38) Carbon Tetrachloride	7.93	117	124361	51.480	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	193833	51.680	ug/l	99
40) Benzene	8.18	78	433219	51.686	ug/l	99
41) Methacrylonitrile	7.34	41	38170m	51.605	ug/l	
42) 1,2-Dichloroethane	8.26	62	111482	51.616	ug/l	100
43) Isopropyl Acetate	8.29	43	162540	52.235	ug/l	98
44) Trichloroethene	8.96	130	105057	51.465	ug/l	98
45) 1,2-Dichloropropane	9.24	63	108867	51.669	ug/l	99
46) Dibromomethane	9.32	93	56444	51.983	ug/l	98
47) Bromodichloromethane	9.52	83	132026	52.271	ug/l	99
48) Methyl methacrylate	9.31	41	73393	53.154	ug/l	98
49) 1,4-Dioxane	9.31	88	13845	930.557	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	431749	269.380	ug/l	99
52) Toluene	10.26	92	262813	51.615	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	146104	53.094	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	172458	52.645	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	82677	52.029	ug/l	99
56) Ethyl methacrylate	10.52	69	123318	52.945	ug/l	99
57) 1,3-Dichloropropane	10.81	76	146458	51.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	214196	264.994	ug/l	99
59) 2-Hexanone	10.85	43	305419	266.982	ug/l	100
60) Dibromochloromethane	11.00	129	88277	52.720	ug/l	100
61) 1,2-Dibromoethane	11.10	107	77734	51.643	ug/l	99
64) Tetrachloroethene	10.74	164	83147	50.593	ug/l	96
65) Chlorobenzene	11.53	112	267839	51.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	90874	53.069	ug/l	100
67) Ethyl Benzene	11.61	91	503383	51.690	ug/l	99
68) m/p-Xylenes	11.72	106	375092	104.180	ug/l	100
69) o-Xylene	12.04	106	175103	51.600	ug/l	100
70) Styrene	12.06	104	307676	52.937	ug/l	99
71) Bromoform	12.22	173	50890	54.800	ug/l #	99
73) Isopropylbenzene	12.35	105	472630	52.096	ug/l	99
74) N-amyl acetate	12.16	43	146325	52.478	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	102709	52.498	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	77009m	54.610	ug/l	
77) Bromobenzene	12.63	156	102105	53.120	ug/l	96
78) n-propylbenzene	12.69	91	585795	52.338	ug/l	100
79) 2-Chlorotoluene	12.77	91	318775	51.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	390768	52.321	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	38195	54.711	ug/l	99
82) 4-Chlorotoluene	12.87	91	338044	52.504	ug/l	99
83) tert-Butylbenzene	13.09	119	328082	52.888	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	385538	52.015	ug/l	100
85) sec-Butylbenzene	13.27	105	485052	53.048	ug/l	99
86) p-Isopropyltoluene	13.38	119	413460	52.419	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	192763	51.177	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	194806	50.981	ug/l	100
89) n-Butylbenzene	13.71	91	425625	52.011	ug/l	99
90) Hexachloroethane	13.97	117	78516	52.766	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	177939	52.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	16205	53.081	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	111660	50.316	ug/l	99
94) Hexachlorobutadiene	15.13	225	55415	51.219	ug/l	99
95) Naphthalene	15.25	128	265536	50.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	99714	51.006	ug/l	98

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

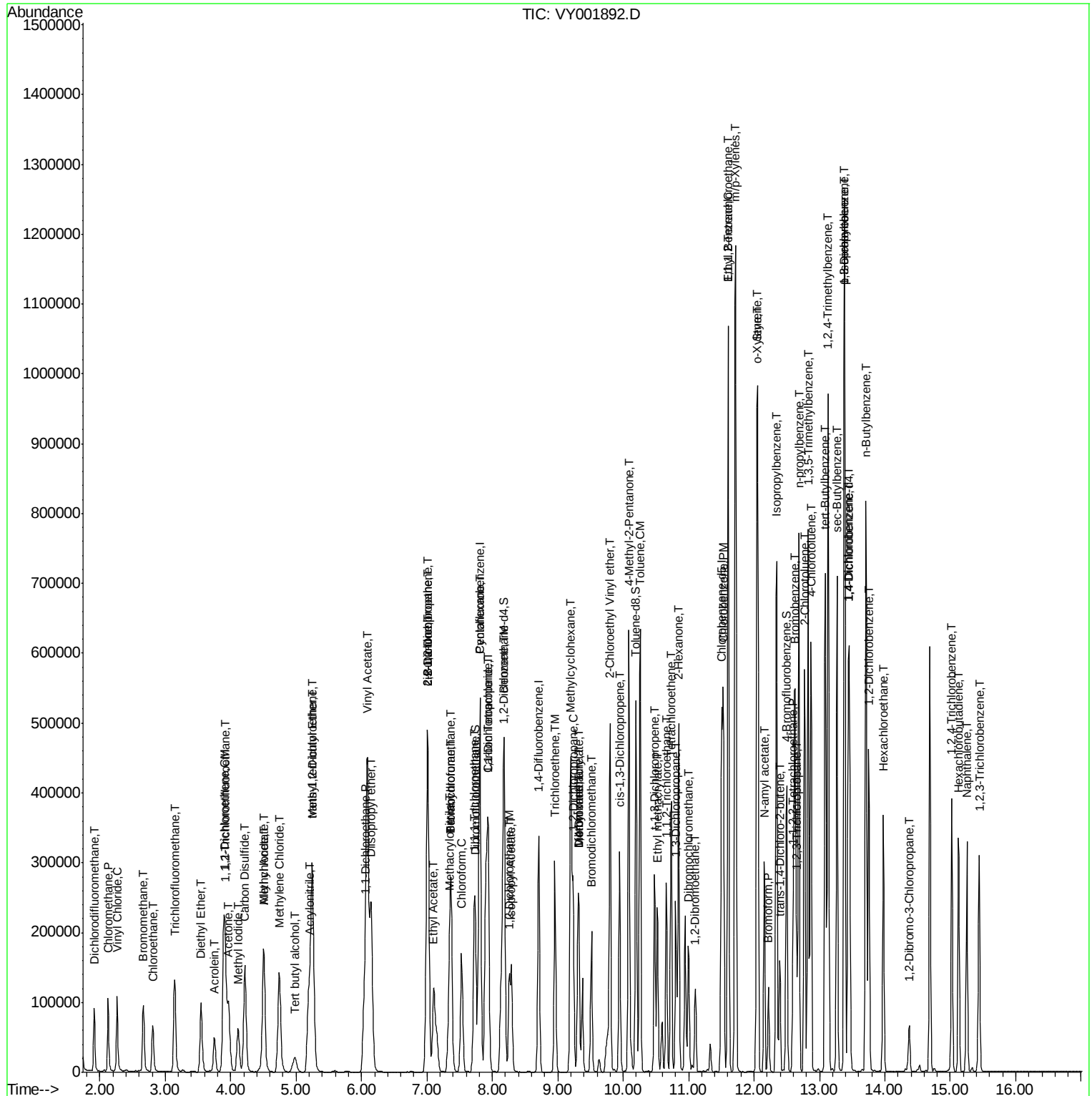
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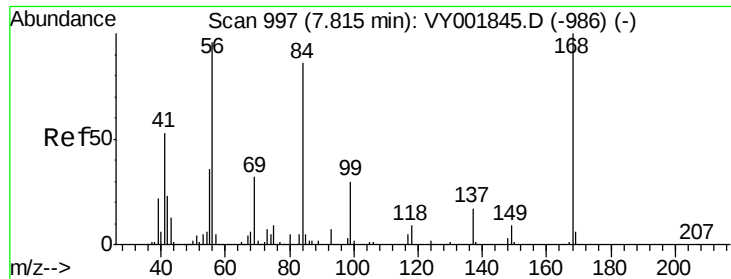
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 162178

Ion Ratio Lower Upper

168 100

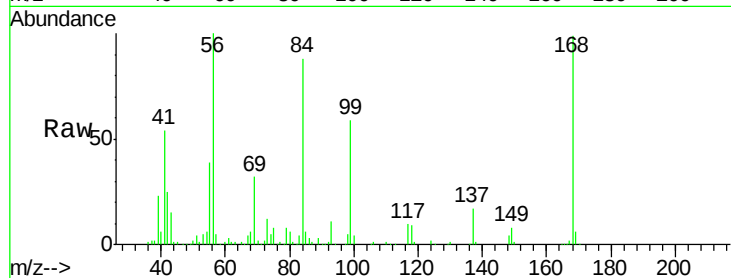
99 59.9 46.7 70.1

Manual Integrations

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3/9/2020 11:41:01 AM



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

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

7.81

60000

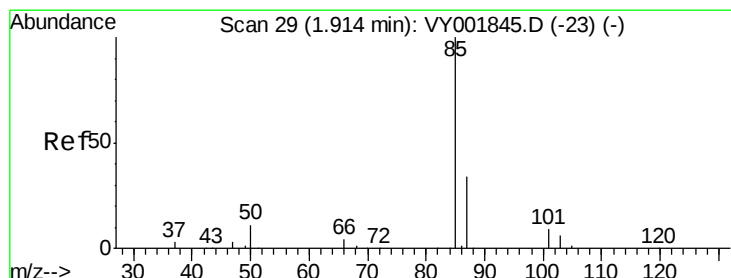
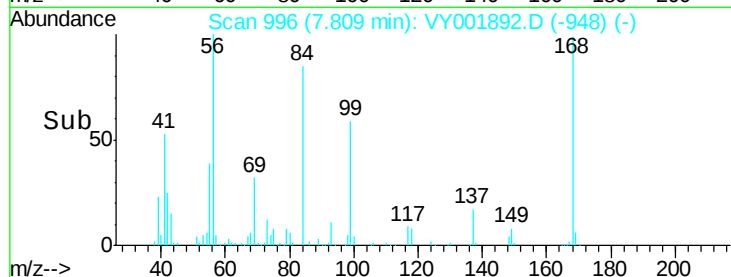
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.568 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001892.D

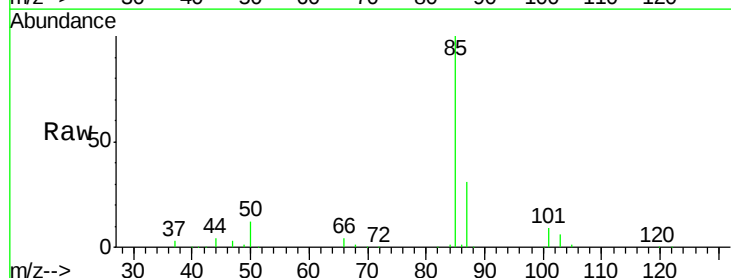
Acq: 06 Mar 2020 10:33

Tgt Ion: 85 Resp: 72707

Ion Ratio Lower Upper

85 100

87 30.8 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) (-)

1.91

60000

50000

40000

30000

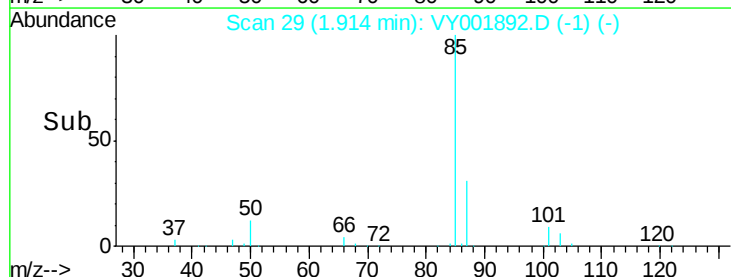
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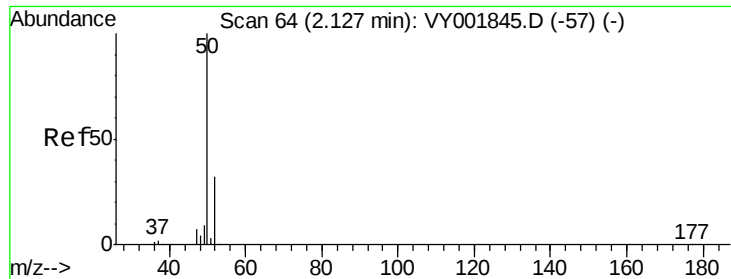
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.603 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 100114

Ion Ratio Lower Upper

50 100

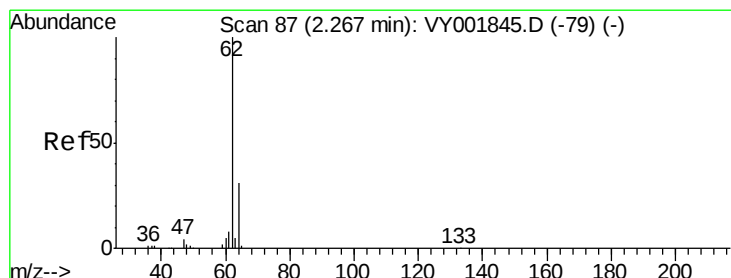
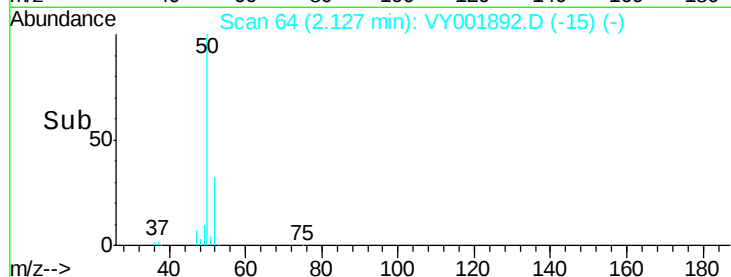
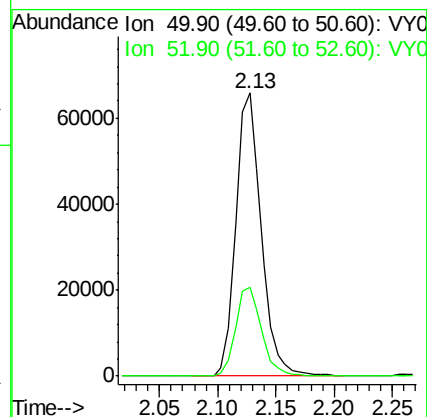
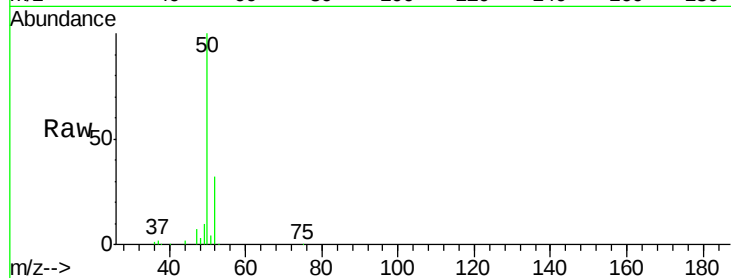
52 31.6 25.8 38.6

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 50.977 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001892.D

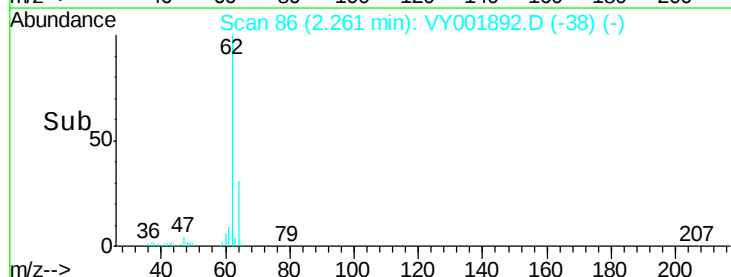
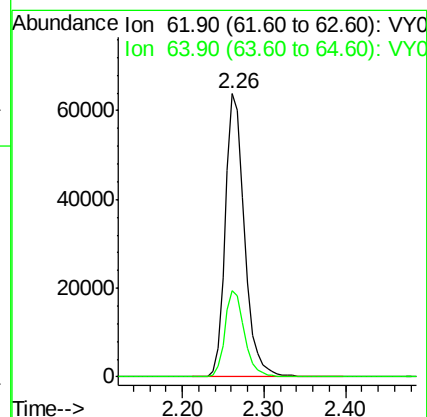
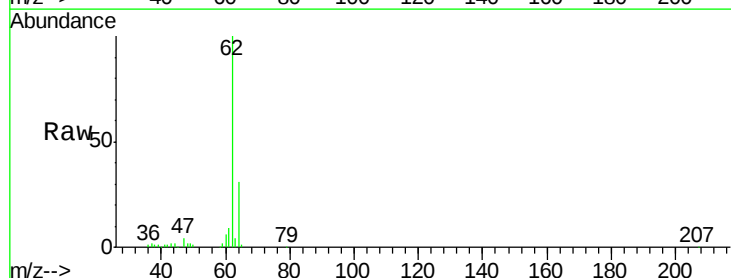
Acq: 06 Mar 2020 10:33

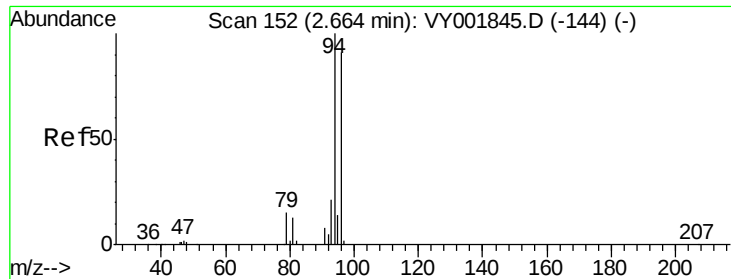
Tgt Ion: 62 Resp: 104655

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 57.297 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 67680

Ion Ratio Lower Upper

94 100

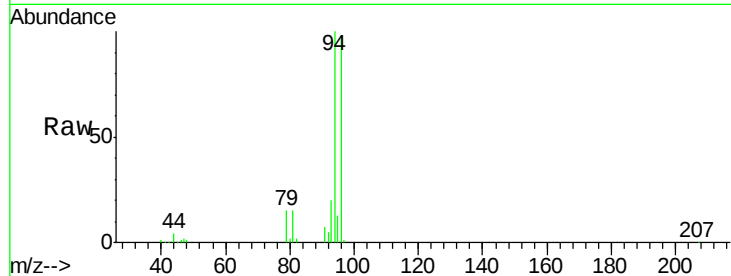
96 98.3 73.2 109.8

Manual Integrations

APPROVED

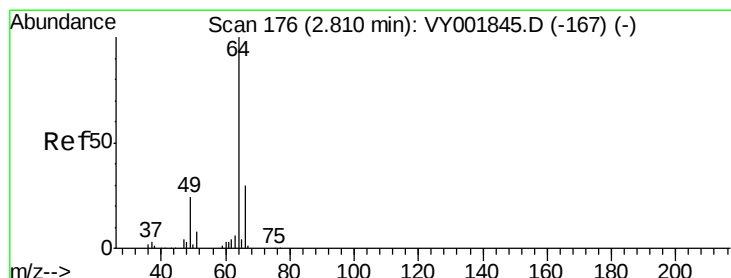
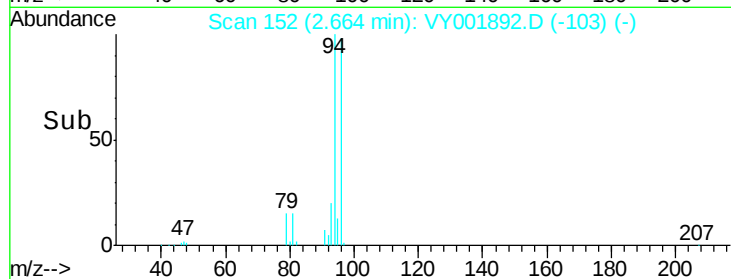
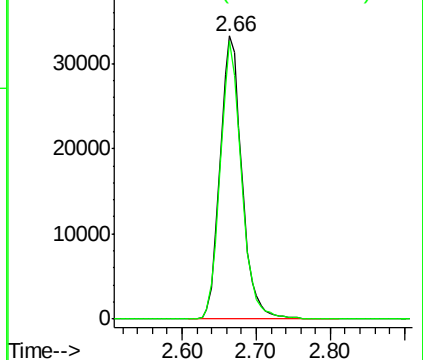
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.308 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001892.D

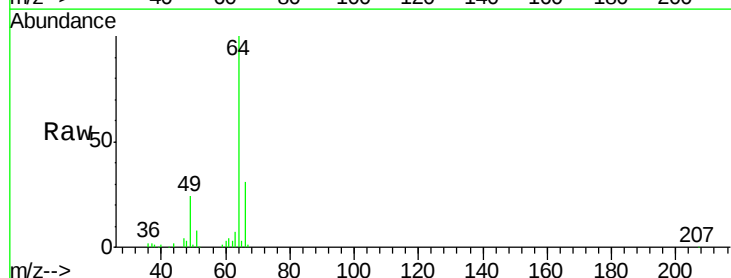
Acq: 06 Mar 2020 10:33

Tgt Ion: 64 Resp: 66168

Ion Ratio Lower Upper

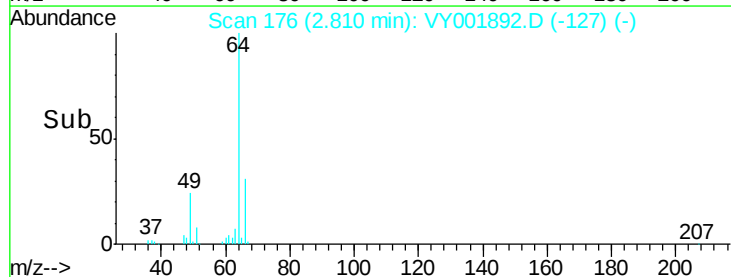
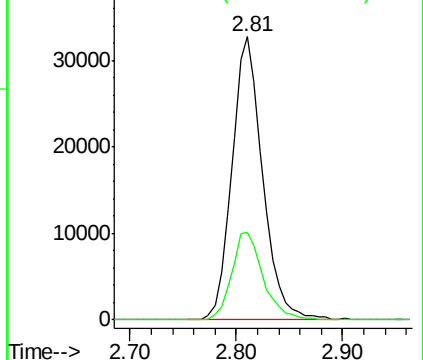
64 100

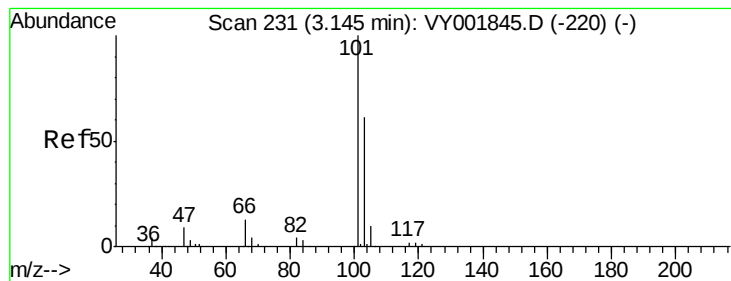
66 31.1 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

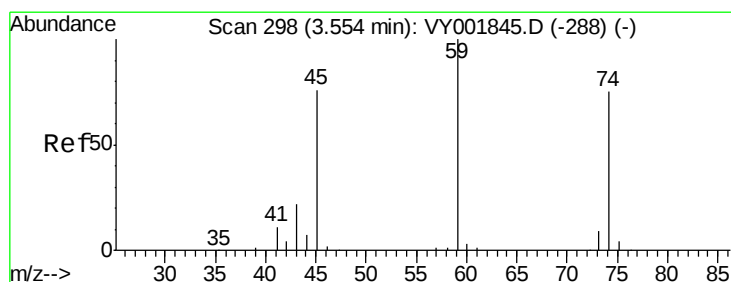
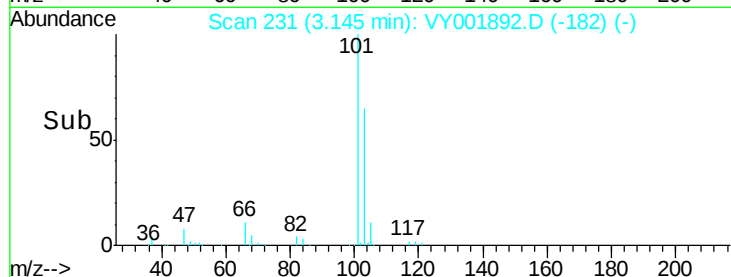
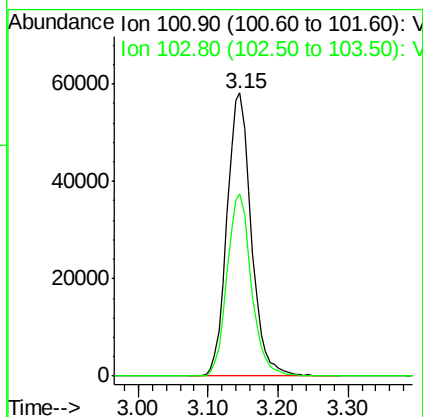
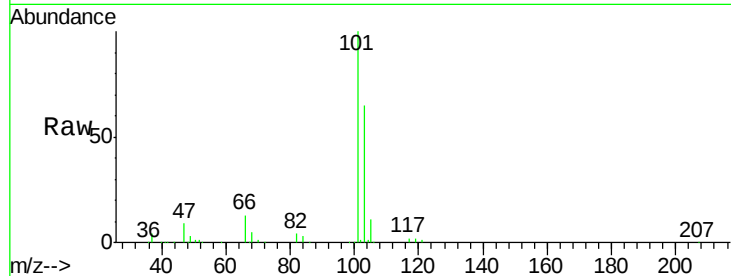
Trichlorofluoromethane
Concen: 50.340 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	49.1	73.7

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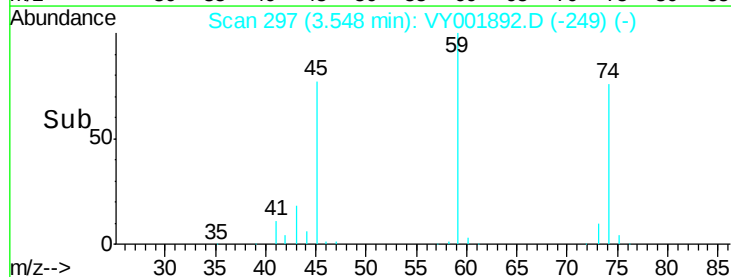
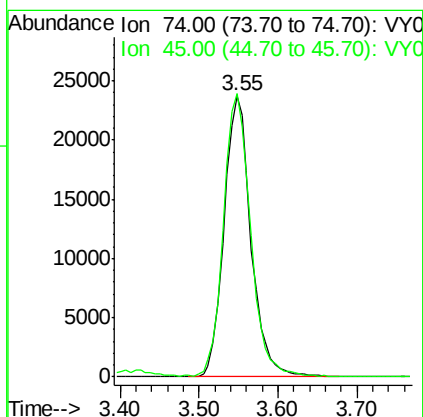
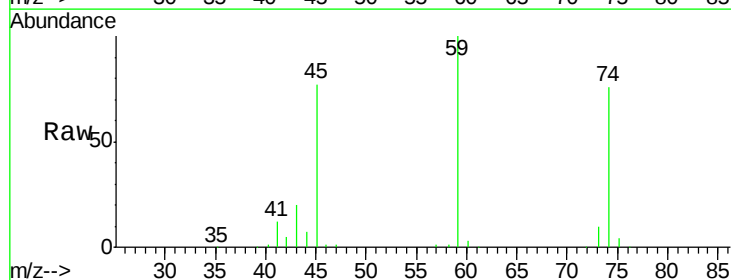
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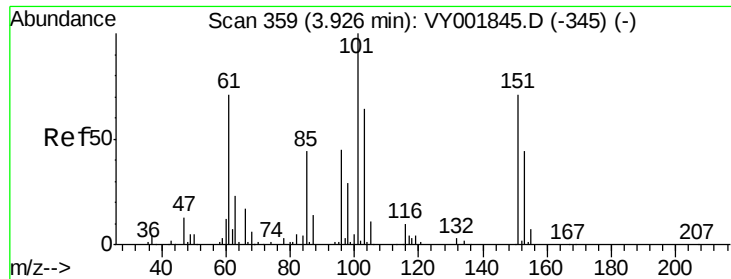


#8

Diethyl Ether
Concen: 51.200 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.390 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

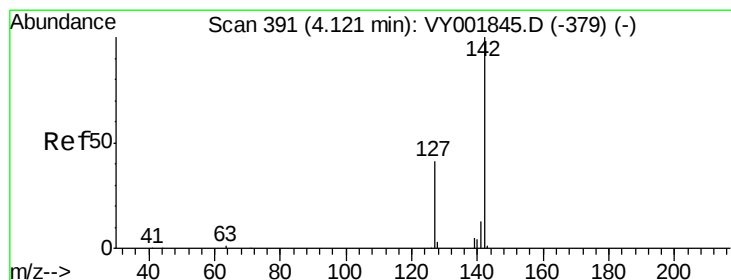
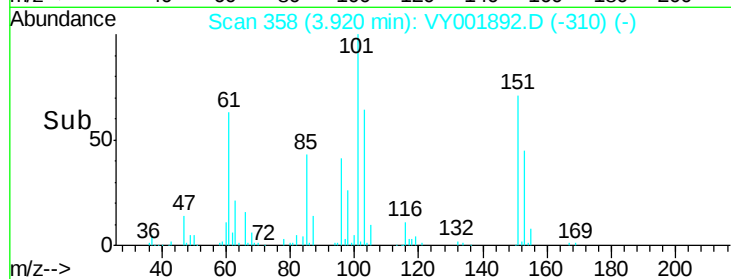
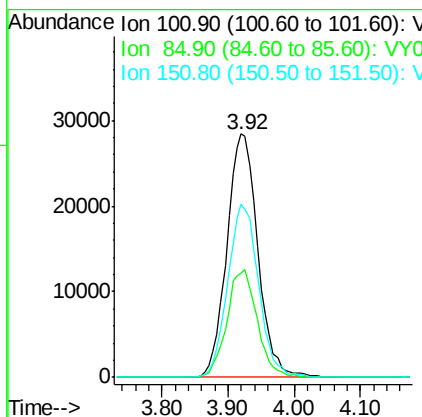
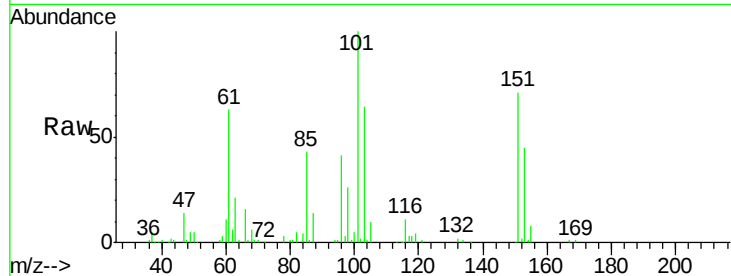
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	92028
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.3	52.9
151	71.1	57.0	85.4

Manual Integrations
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#10

Methyl Iodide

Concen: 51.792 ug/l

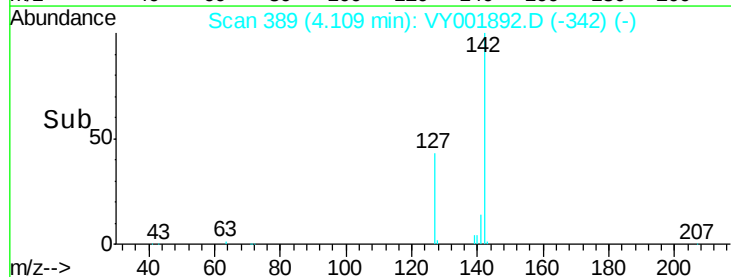
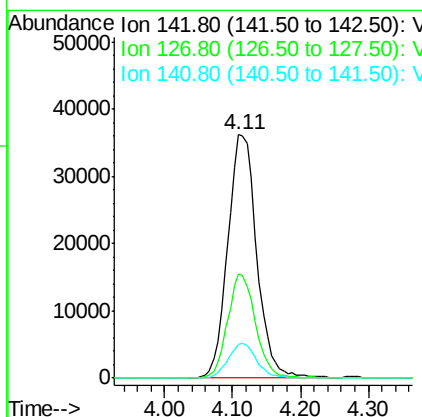
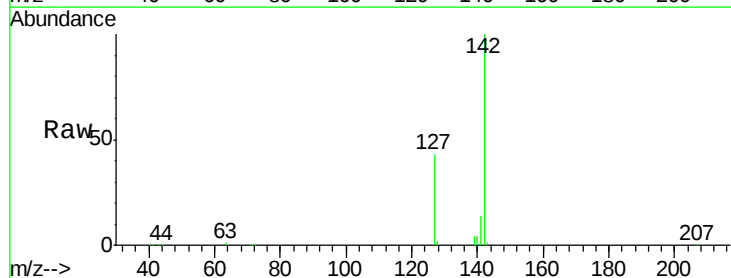
RT: 4.11 min Scan# 389

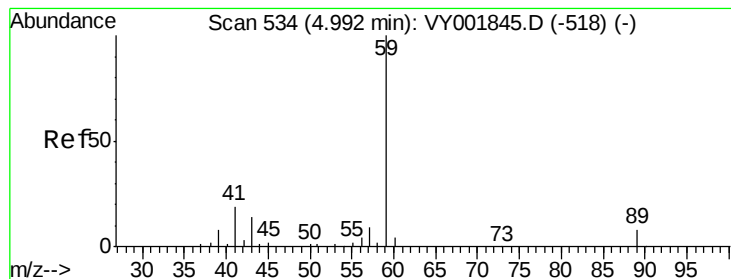
Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	142	Resp:	107258
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.7	49.1
141	13.9	11.0	16.6





#11

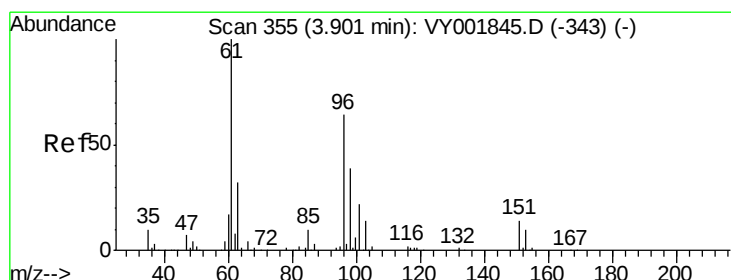
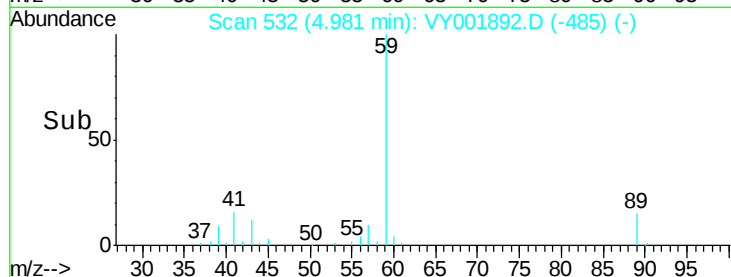
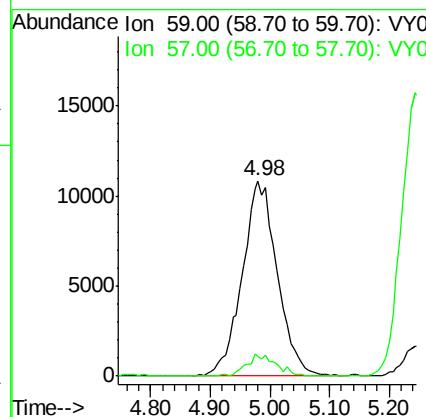
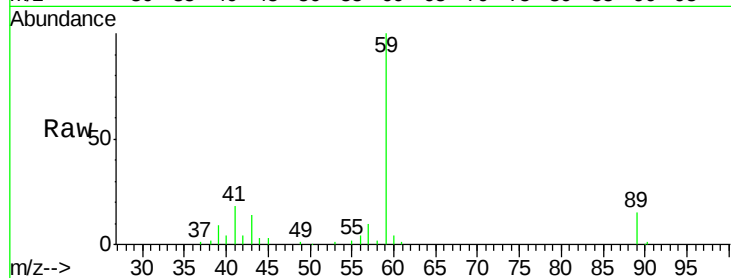
Tert butyl alcohol
Concen: 246.319 ug/l
RT: 4.98 min Scan# 532
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	44440
Ion Ratio	100	Lower	Upper
57	9.4	7.4	11.2

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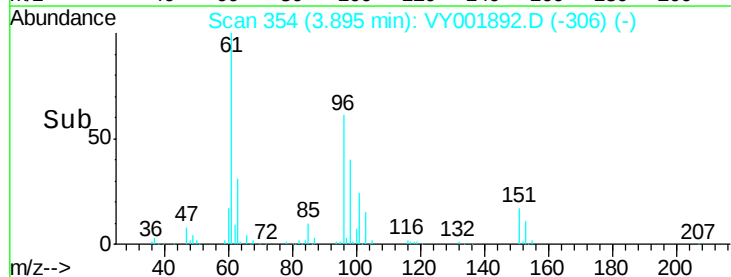
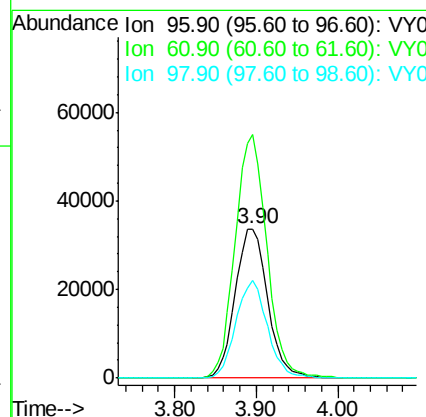
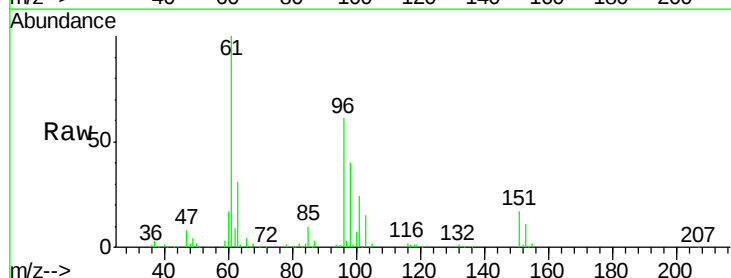
MMDadoda
3/9/2020 11:41:01 AM

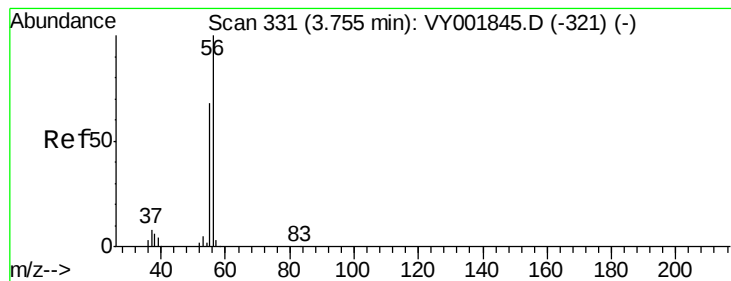


#12

1,1-Dichloroethene
Concen: 51.583 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	96	Resp	93011
Ion Ratio	100	Lower	Upper
61	163.1	124.8	187.2
98	65.5	49.2	73.8





#13

Acrolein

Concen: 237.940 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 57890

Ion Ratio Lower Upper

56 100

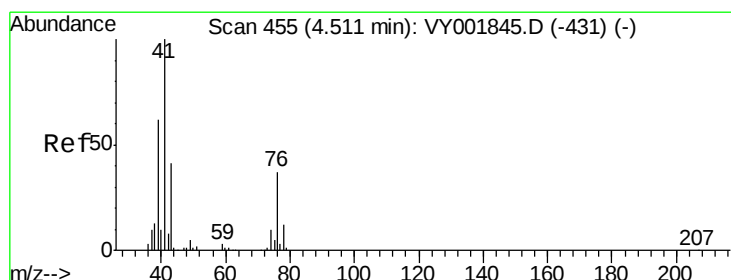
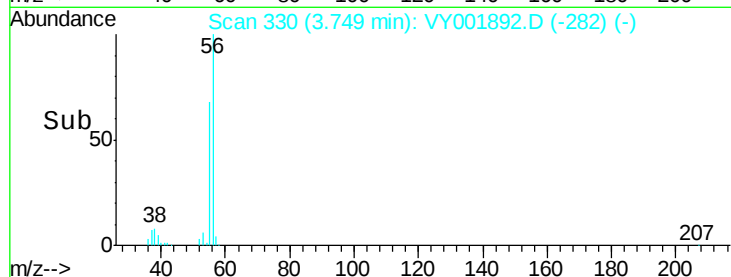
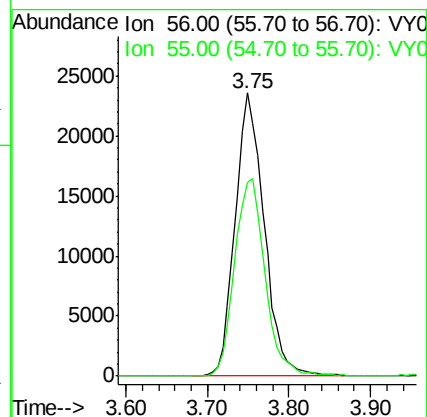
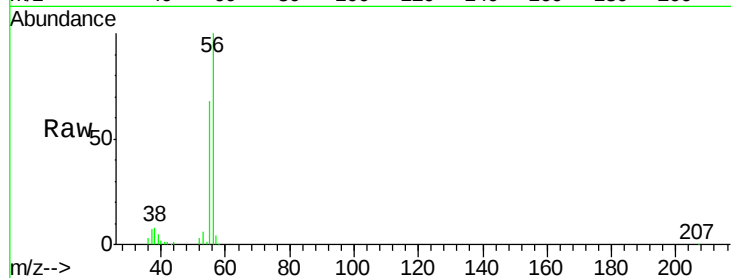
55 73.0 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 52.281 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

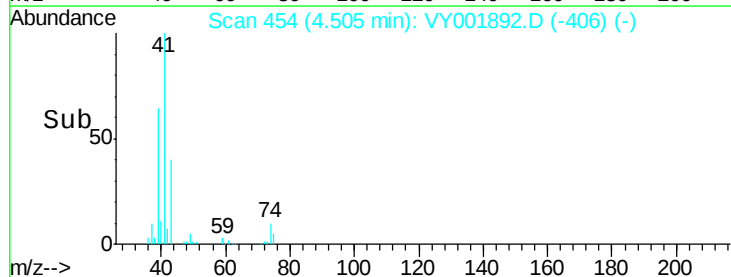
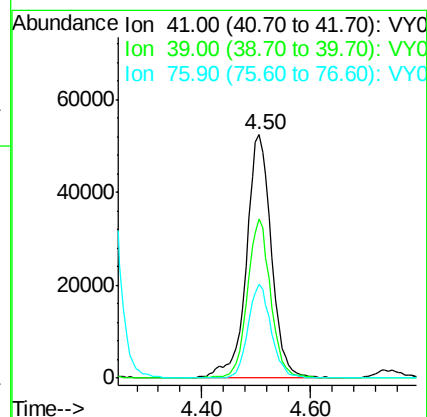
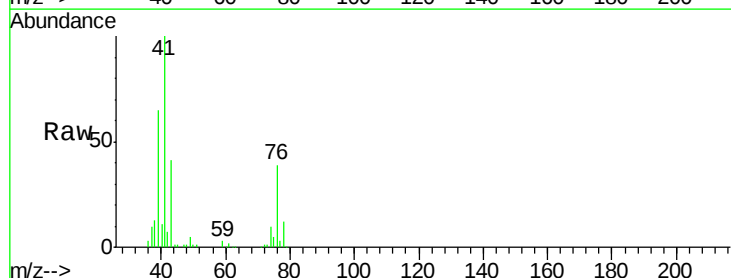
Tgt Ion: 41 Resp: 167123

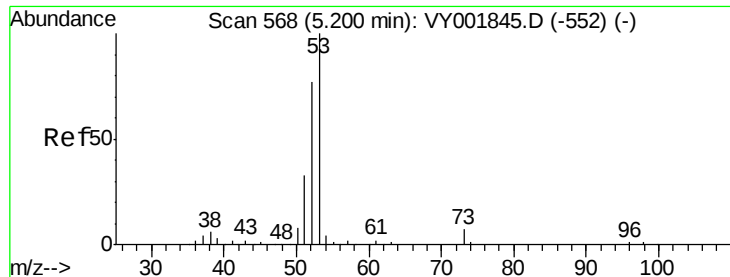
Ion Ratio Lower Upper

41 100

39 61.1 49.0 73.6

76 35.6 28.9 43.3





#15

Acrylonitrile

Concen: 258.202 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

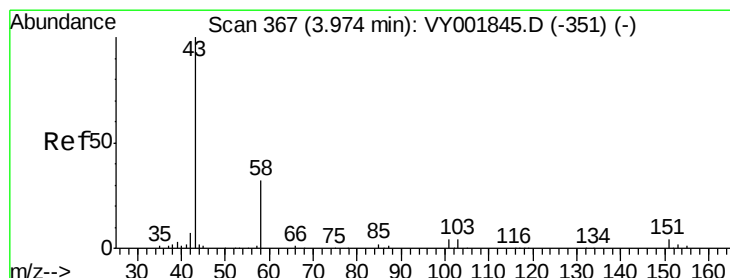
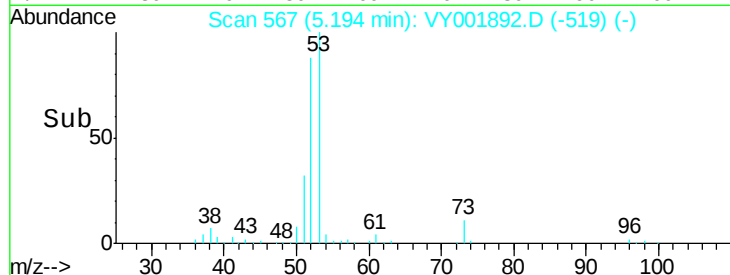
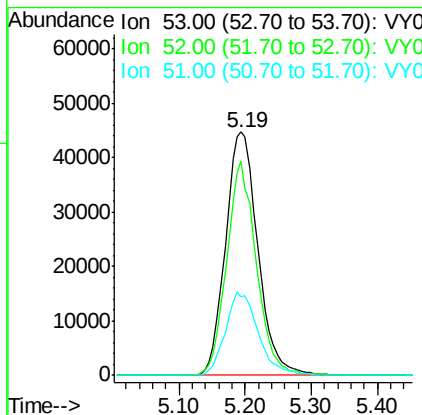
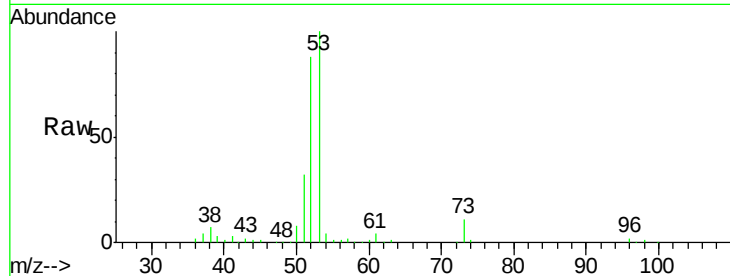
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	151406
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.1	97.7
51	34.8	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 293.576 ug/l

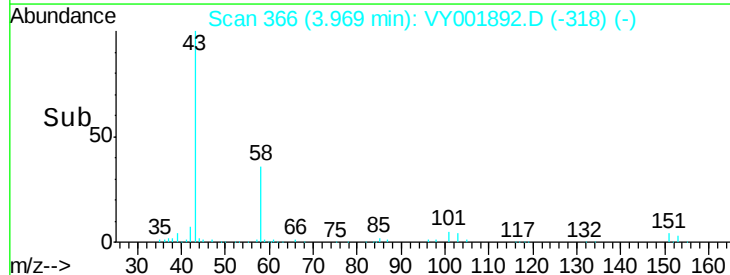
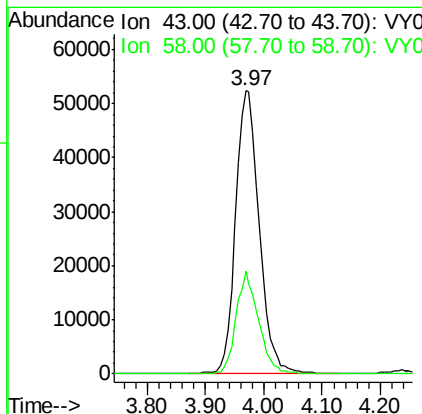
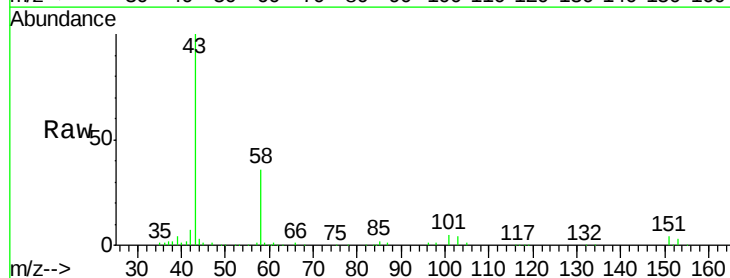
RT: 3.97 min Scan# 366

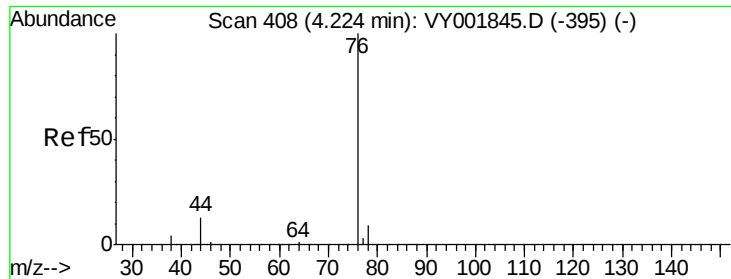
Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	43	Resp:	148043
Ion	Ratio	Lower	Upper
43	100		
58	36.2	25.9	38.9





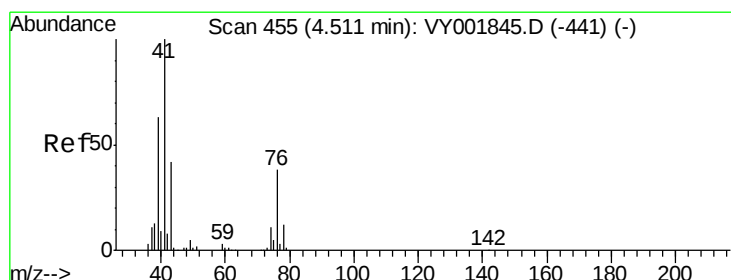
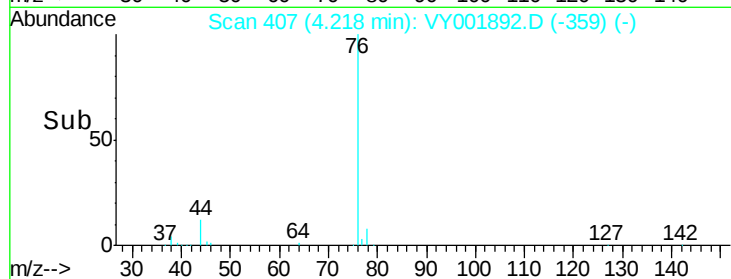
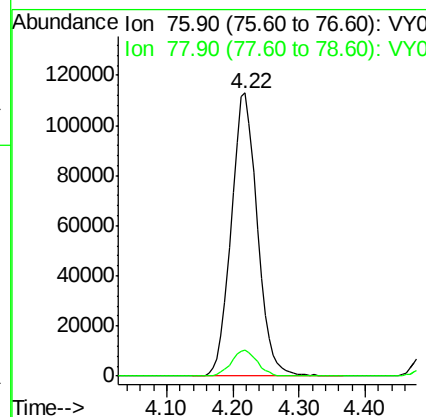
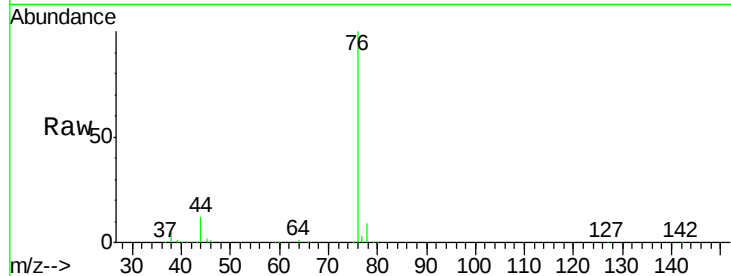
#17
Carbon Disulfide
Concen: 50.892 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

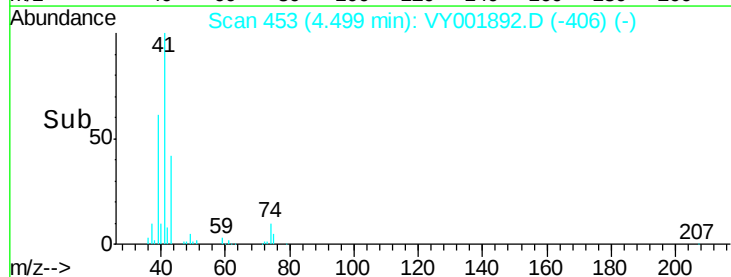
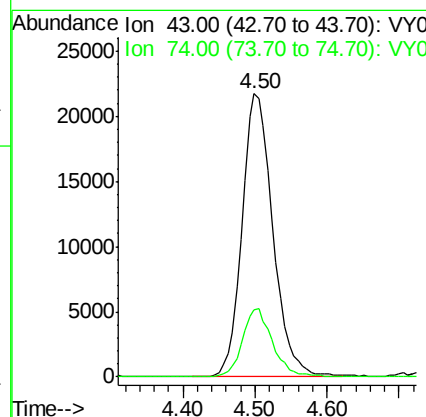
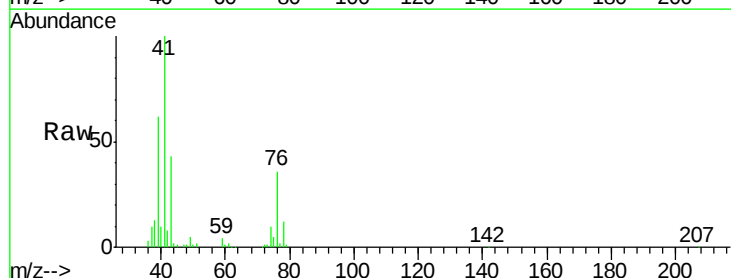
Manual Integrations
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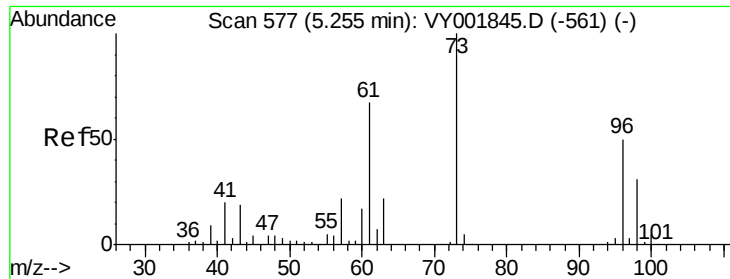
MMDadoda
3/9/2020 11:41:01 AM



#18
Methyl Acetate
Concen: 49.879 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.0	28.6





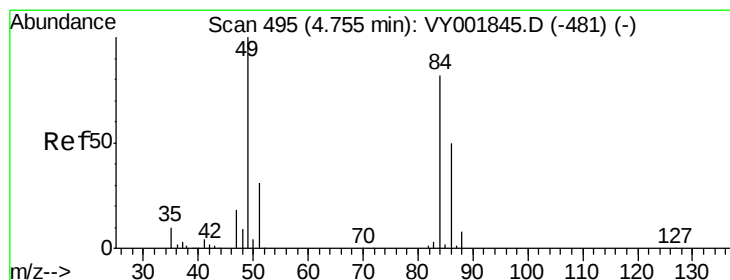
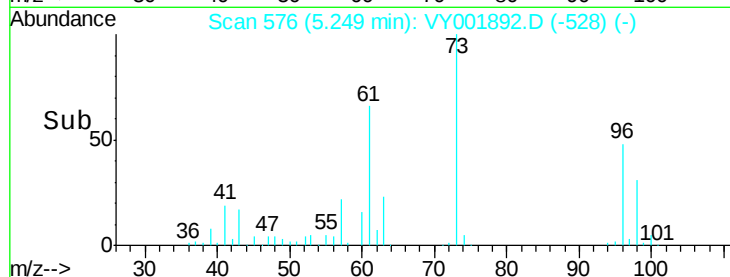
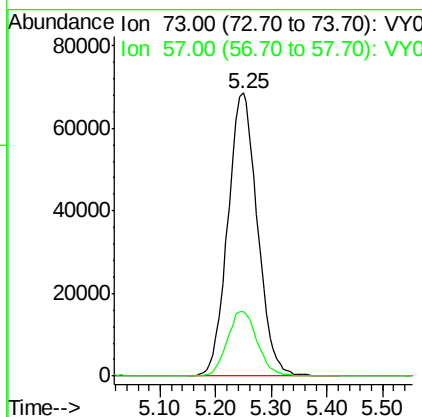
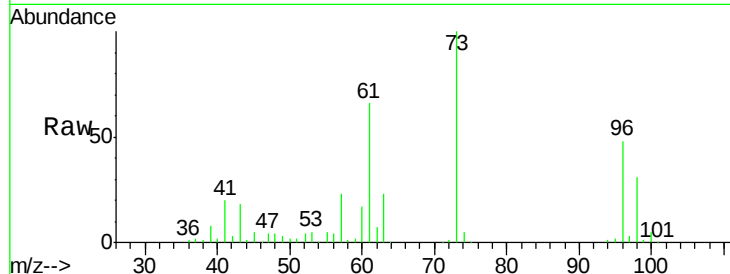
#19
Methvl tert-butvl Ether
Concen: 51.650 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 252378
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

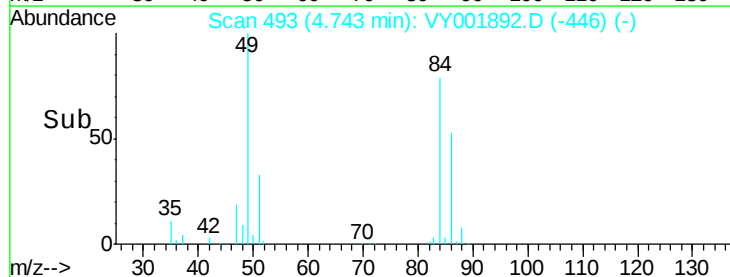
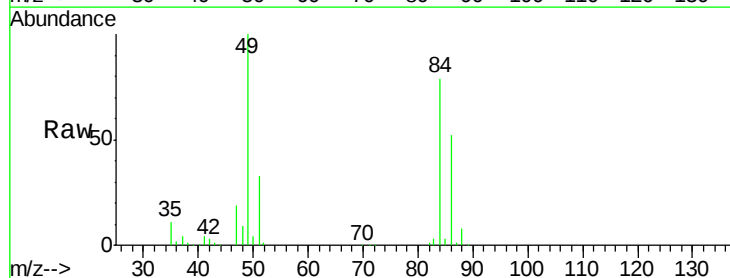
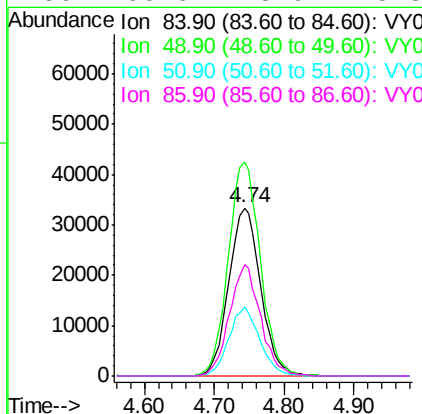
Manual Integrations
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3/9/2020 11:41:01 AM



#20
Methylene Chloride
Concen: 48.804 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 84 Resp: 105477
Ion Ratio Lower Upper
84 100
49 127.1 98.2 147.2
51 41.4 30.2 45.2
86 66.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 50.648 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

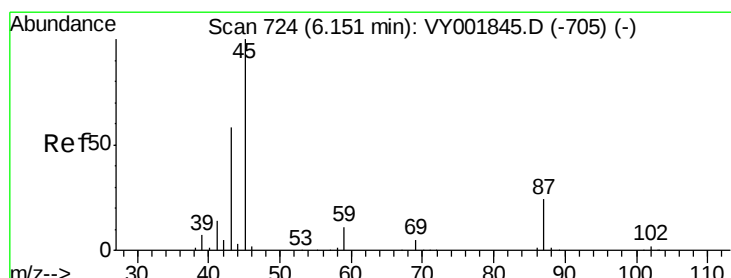
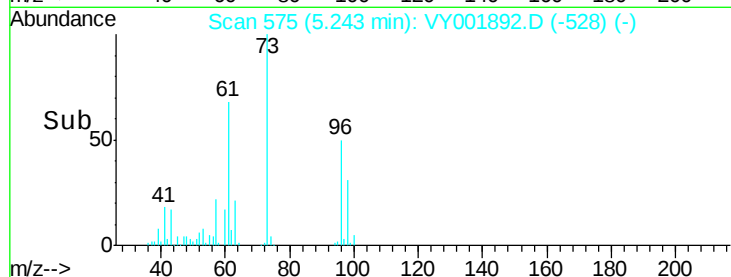
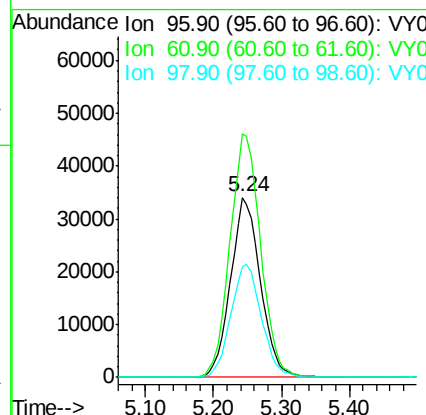
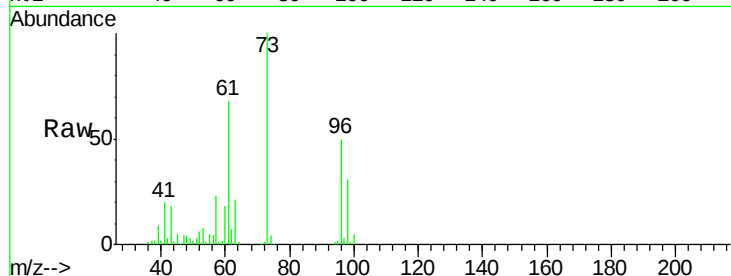
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	103656
Ion	Ratio	Lower	Upper
96	100		
61	135.5	107.7	161.5
98	61.4	49.3	73.9

Manual Integrations
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3/9/2020 11:41:01 AM



#22

Diisopropyl ether

Concen: 51.751 ug/l

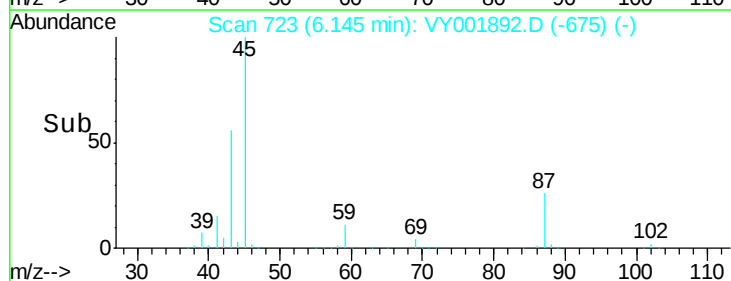
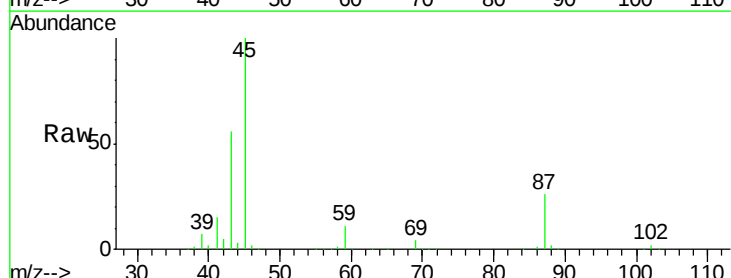
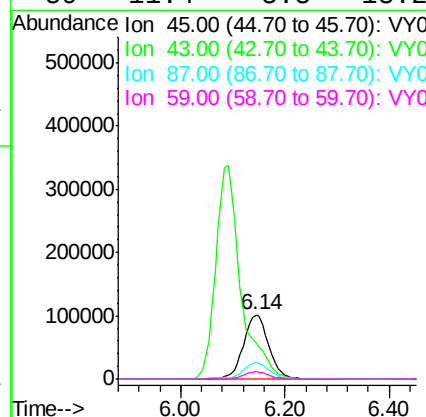
RT: 6.14 min Scan# 723

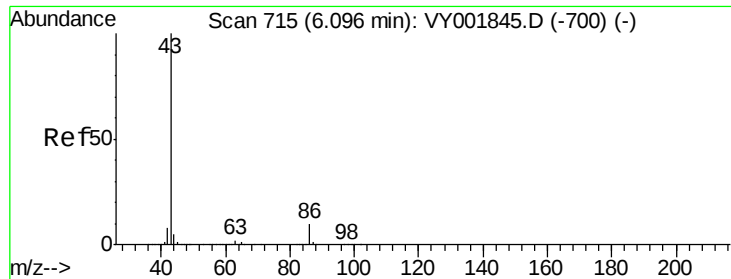
Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	45	Resp:	339098
Ion	Ratio	Lower	Upper
45	100		
43	55.7	47.2	70.8
87	25.6	19.8	29.8
59	11.4	8.8	13.2





#23

Vinyl Acetate

Concen: 263.038 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tot Ion: 43 Resp: 1129903

Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8

Instrument :

MSVOA_Y

ClientSampleId :

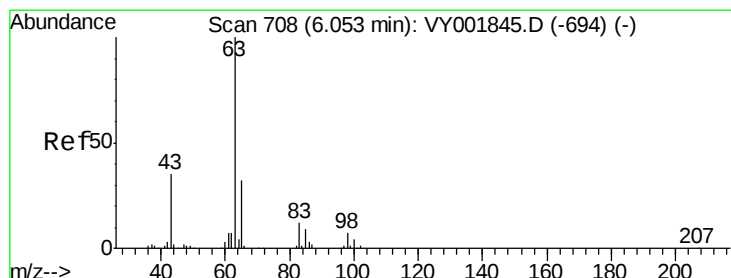
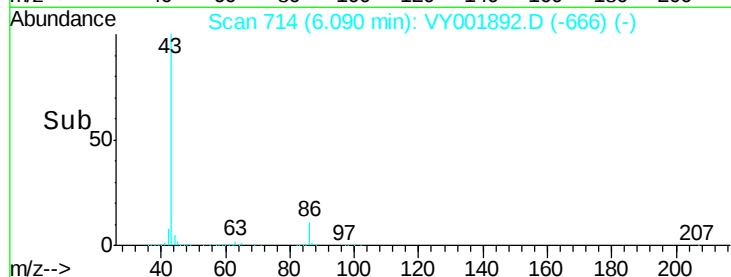
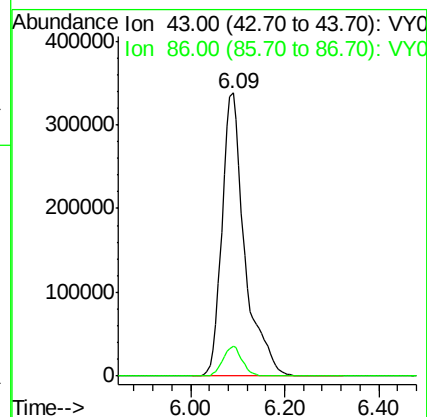
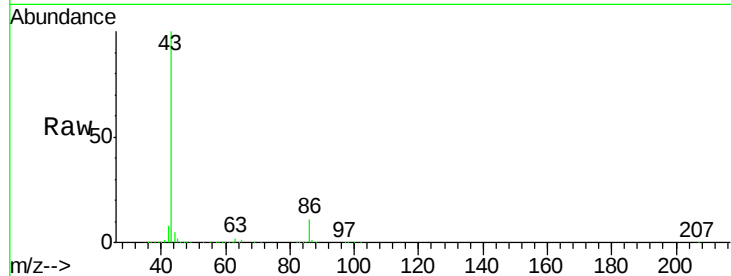
VSTDCCC050

Manual Integrations

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MMDadoda

3/9/2020 11:41:01 AM



#24

1,1-Dichloroethane

Concen: 51.682 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

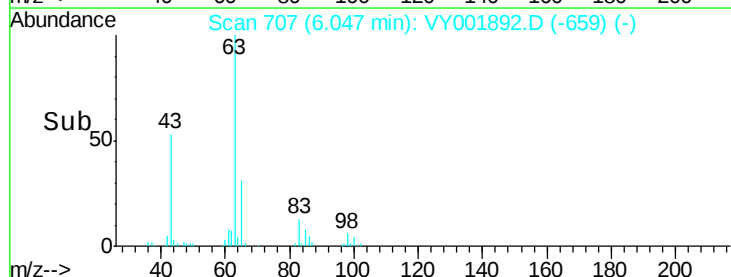
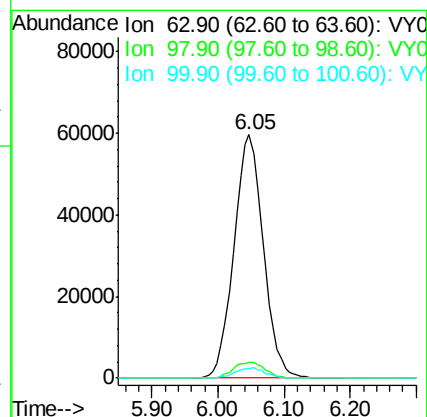
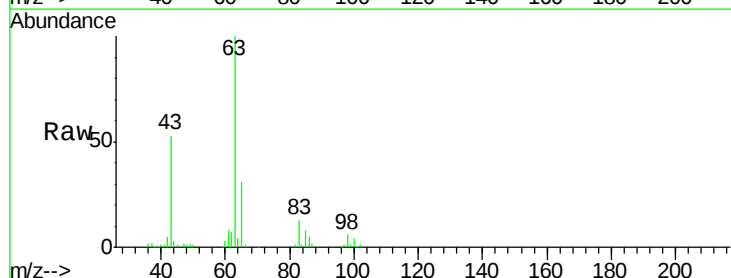
Tgt Ion: 63 Resp: 183387

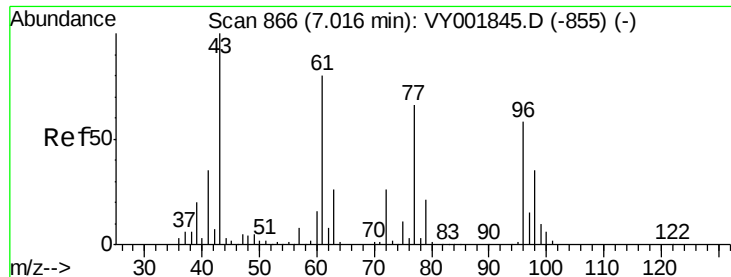
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.9 2.0 6.0





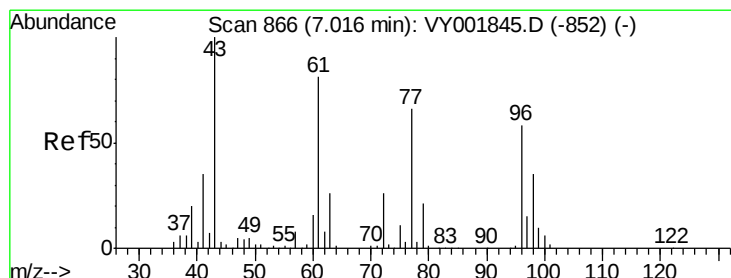
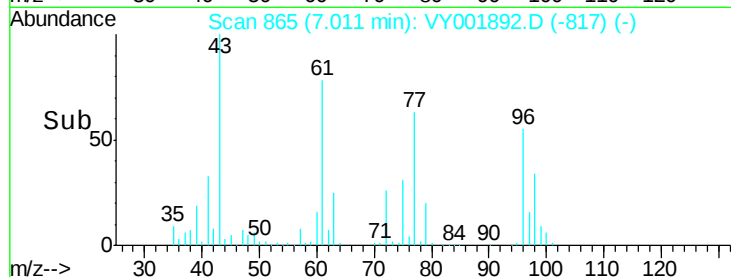
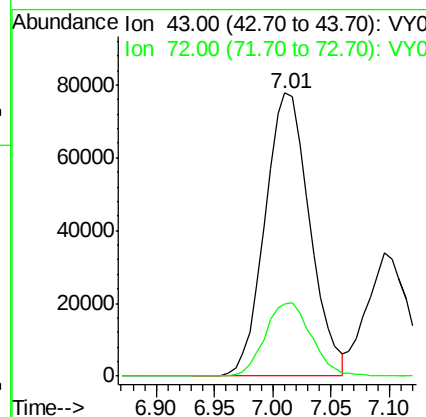
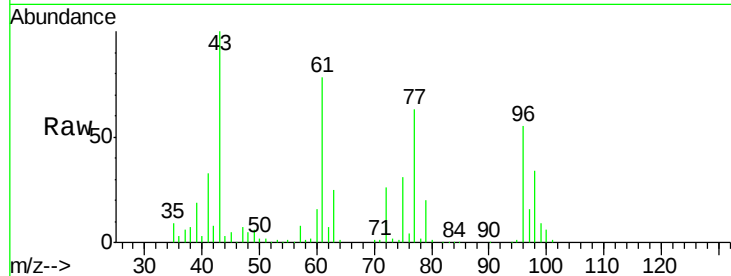
#25
2-Butanone
Concen: 270.853 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 207708
Ion Ratio Lower Upper
43 100
72 25.7 20.9 31.3

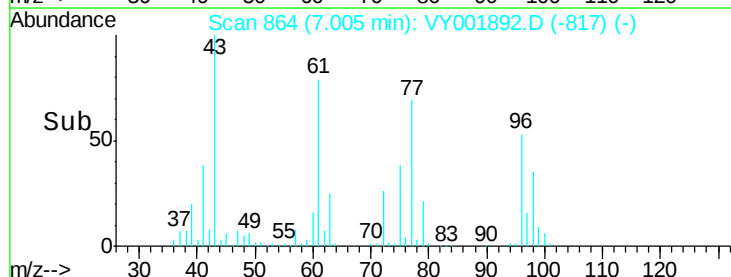
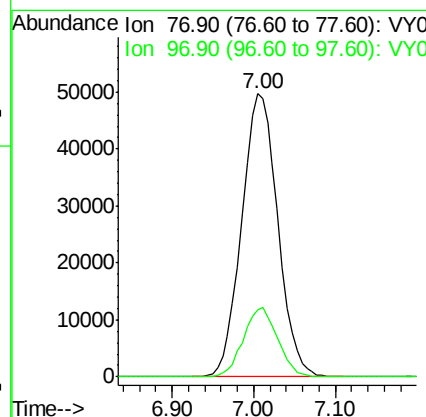
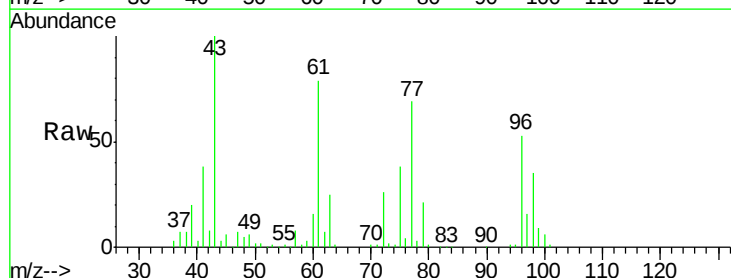
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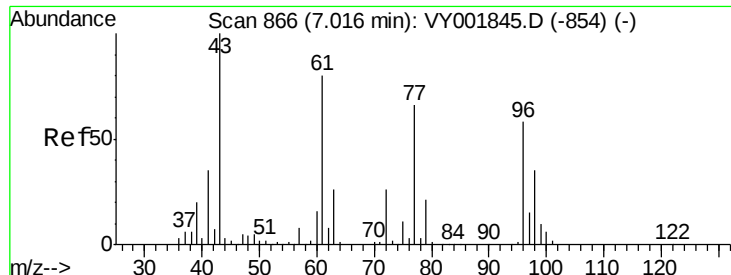
MMDadoda
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#26
2,2-Dichloropropane
Concen: 52.290 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 77 Resp: 152288
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7





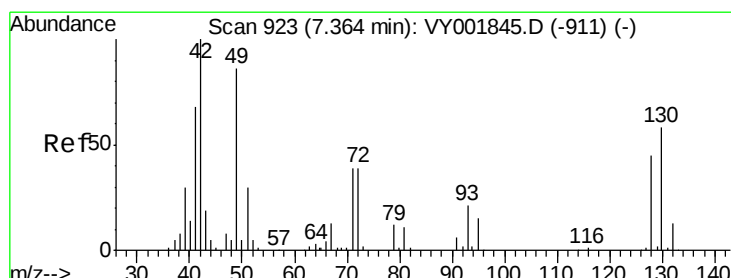
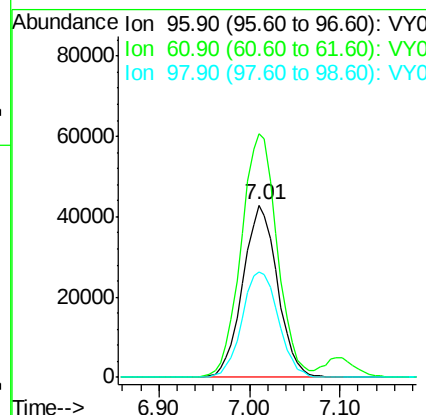
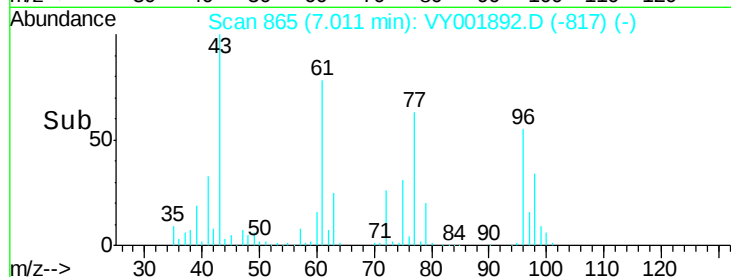
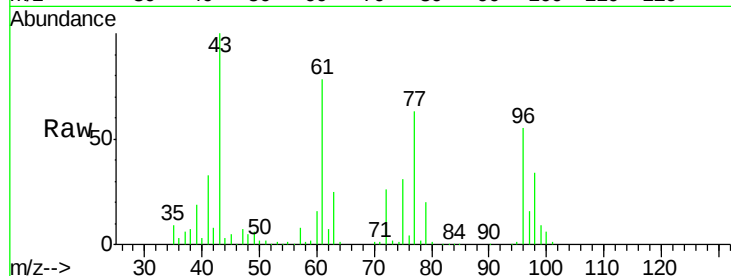
#27
 cis-1,2-Dichloroethene
 Concen: 51.004 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.6	0.0	288.2	
98	64.5	0.0	129.0	

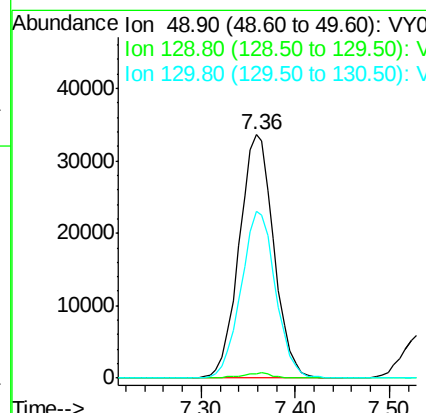
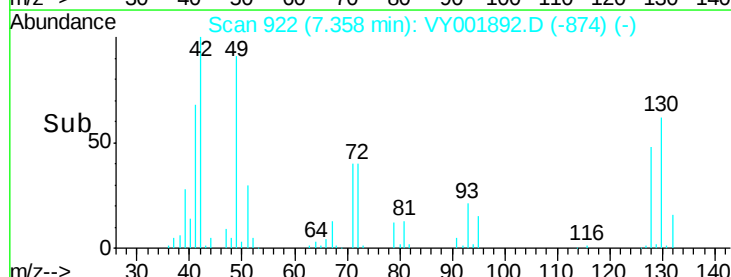
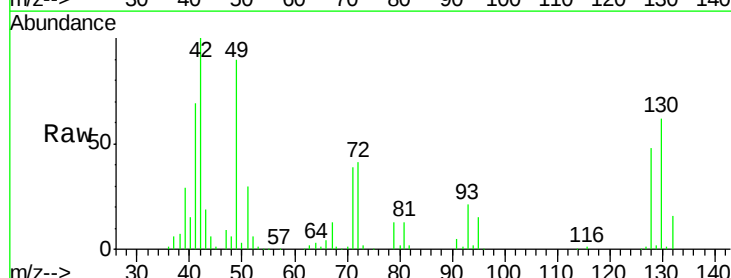
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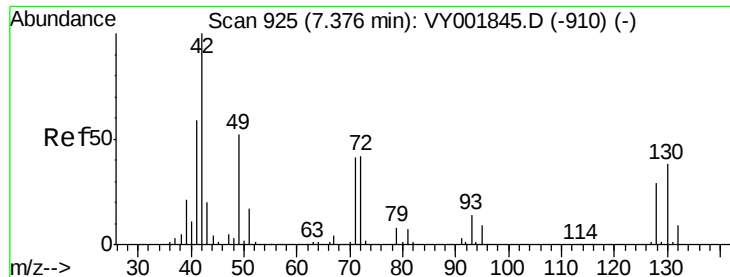
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#28
 Bromochloromethane
 Concen: 53.741 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	68.3	54.4	81.6	





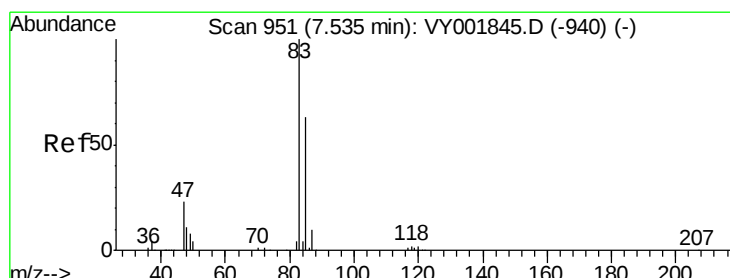
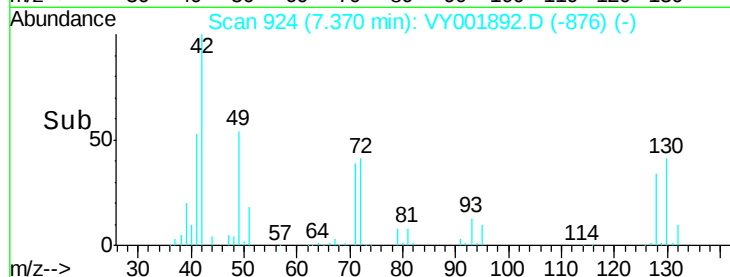
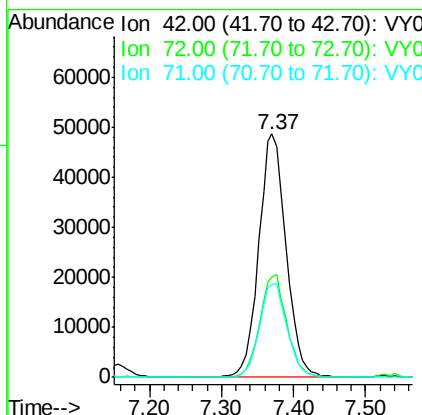
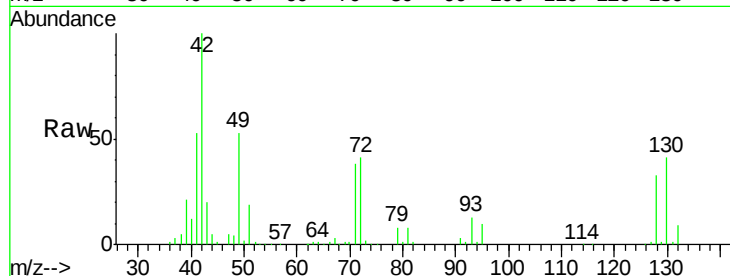
#29
Tetrahydrofuran
Concen: 251.481 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.5	50.3
71	39.0	31.3	46.9

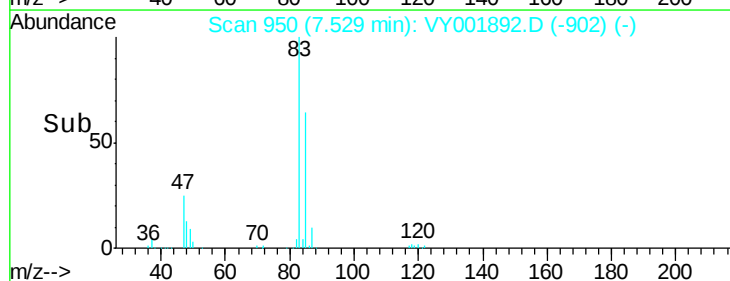
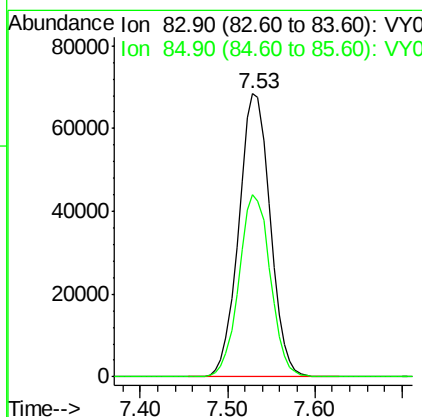
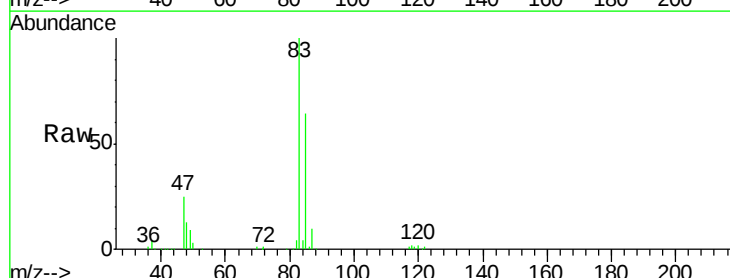
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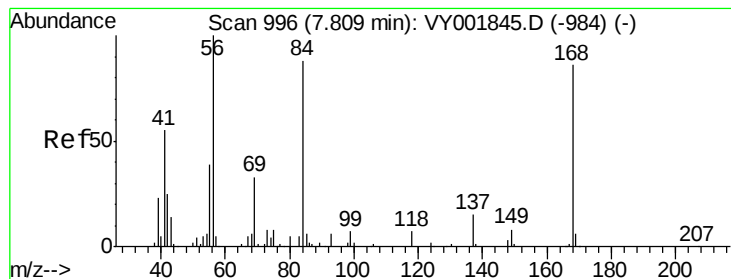
MMDadoda
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#30
Chloroform
Concen: 51.278 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





#31

Cyclohexane

Concen: 49.215 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

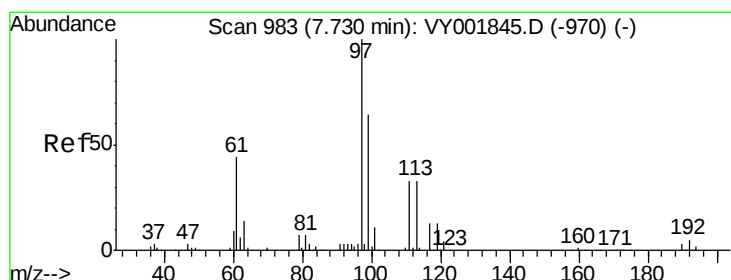
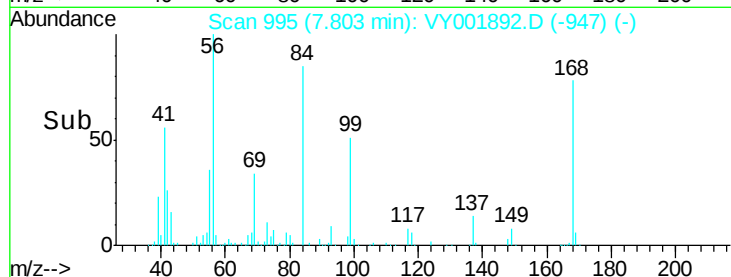
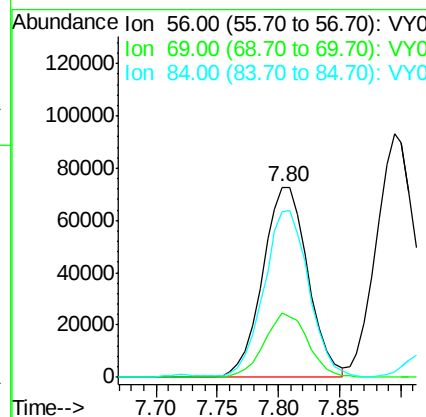
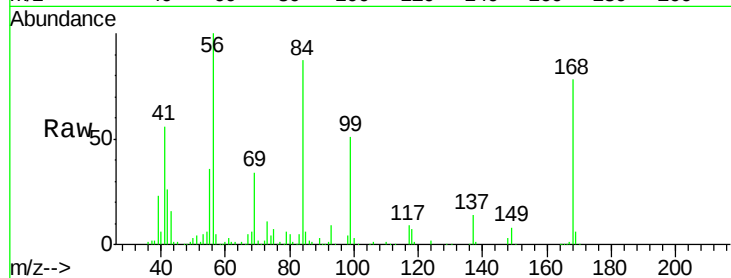
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	187244
Ion	Ratio	Lower	Upper
56	100		
69	33.7	26.7	40.1
84	86.0	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 51.566 ug/l

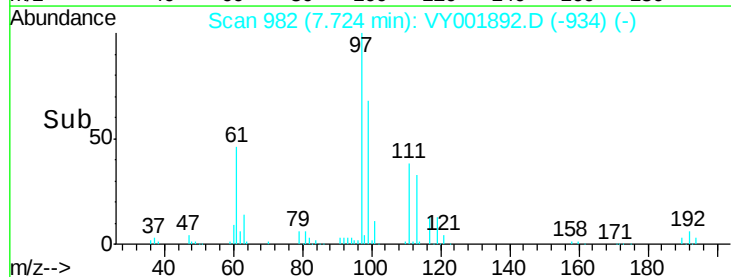
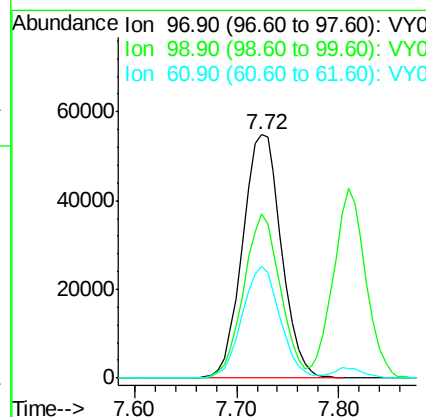
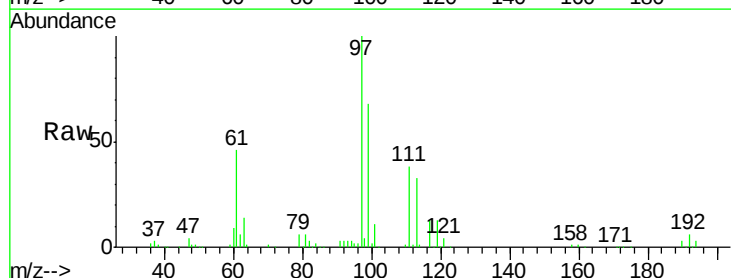
RT: 7.72 min Scan# 982

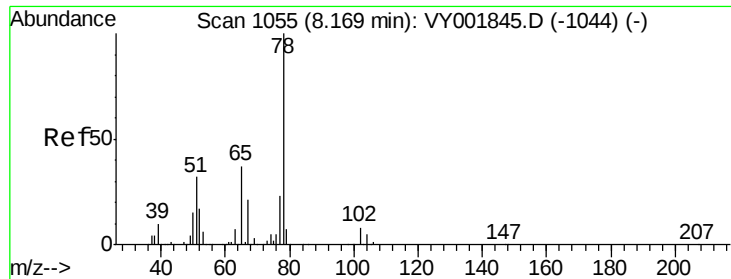
Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	97	Resp:	144893
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.0	78.0
61	44.7	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 51.787 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 89662

Ion Ratio Lower Upper

65 100

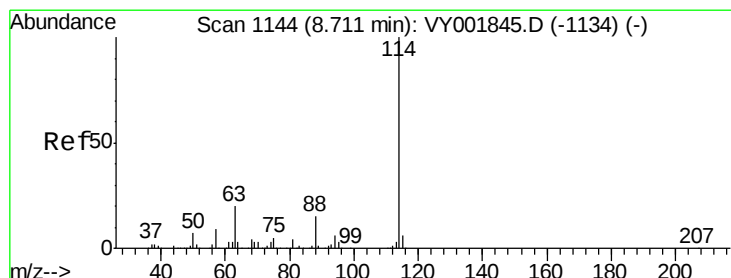
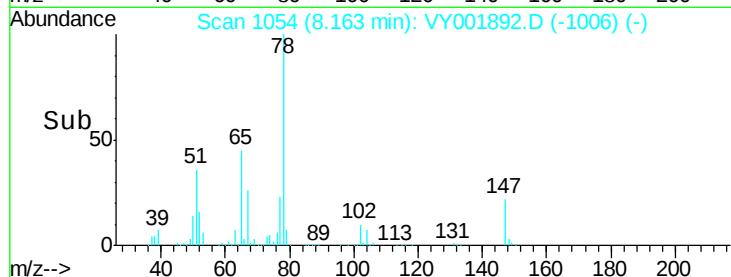
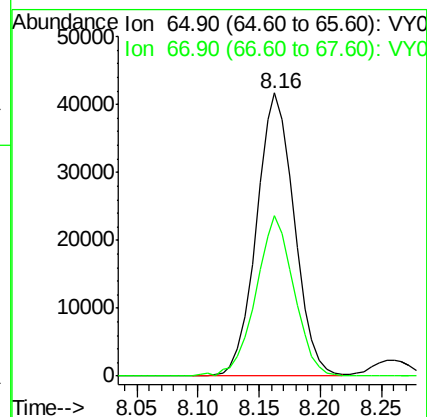
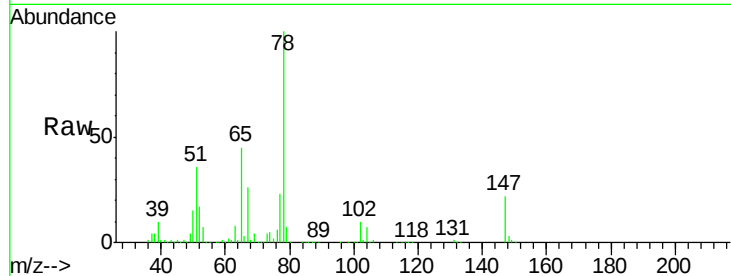
67 56.9 0.0 110.8

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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: VY001892.D

Acq: 06 Mar 2020 10:33

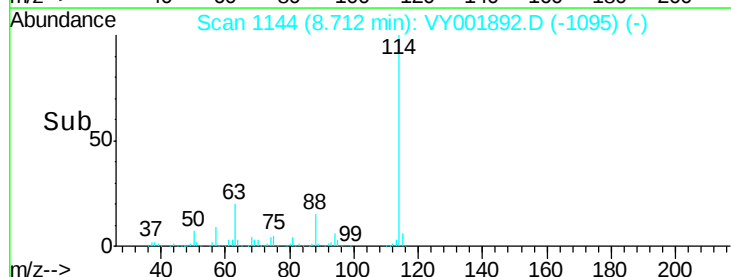
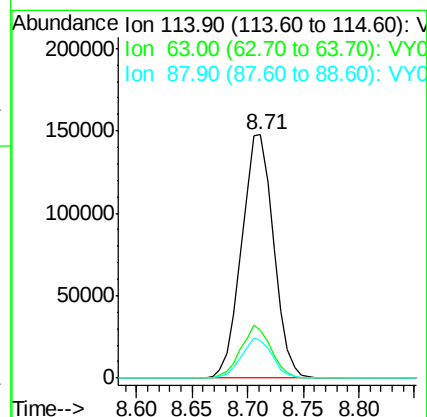
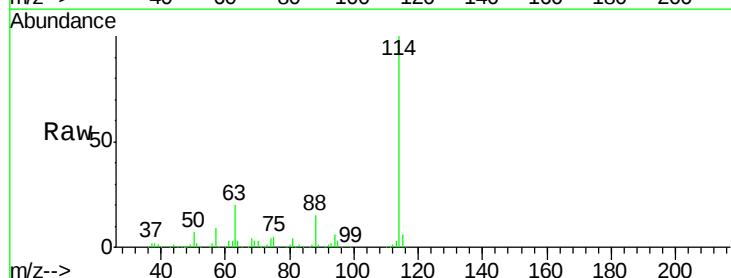
Tgt Ion: 114 Resp: 293863

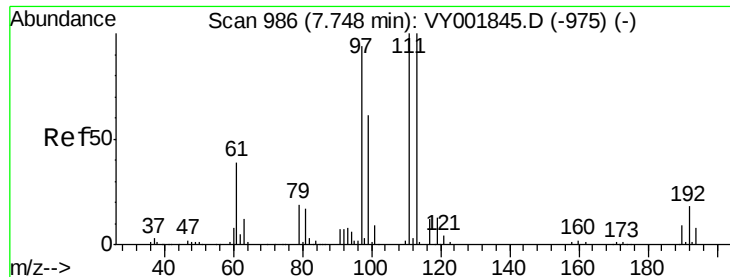
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 15.4 0.0 30.4





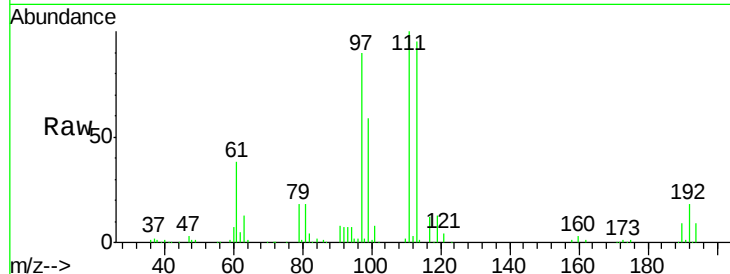
#35
Dibromofluoromethane
Concen: 51.363 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

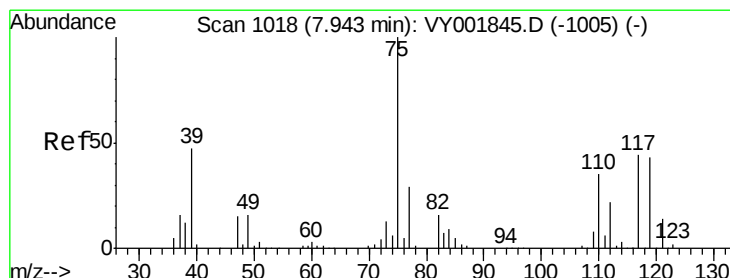
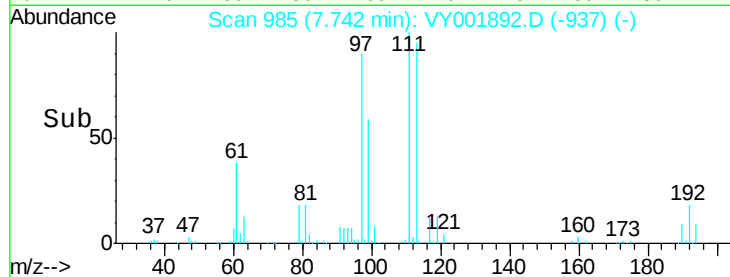
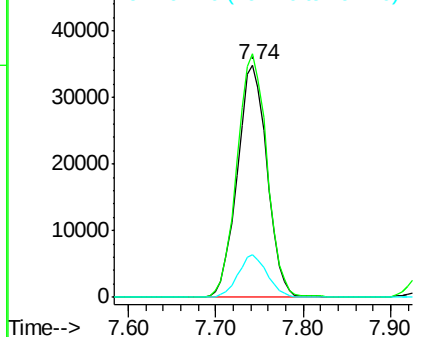
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.7	81.8	122.8
192	18.0	14.2	21.2

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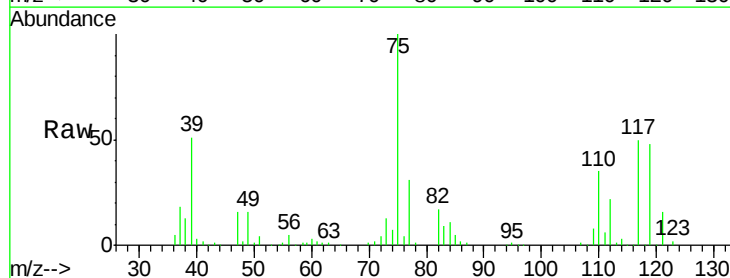


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

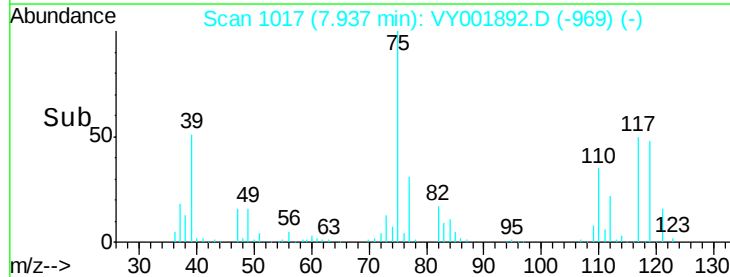
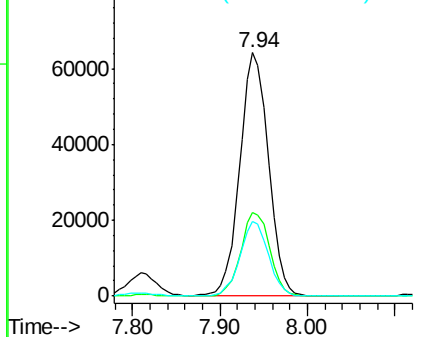


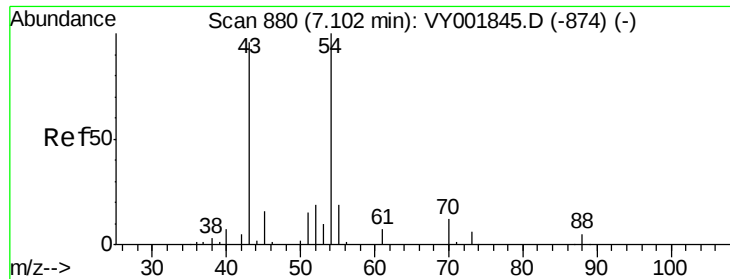
#36
1,1-Dichloropropene
Concen: 51.890 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.4	52.2
77	30.4	24.2	36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





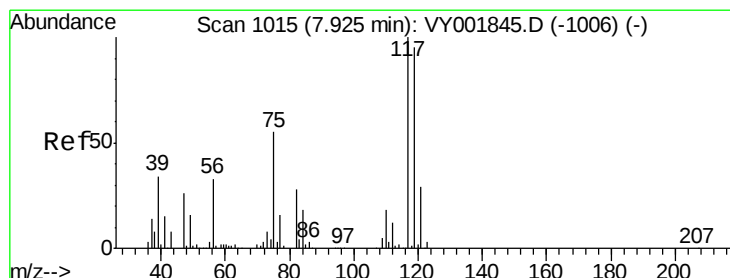
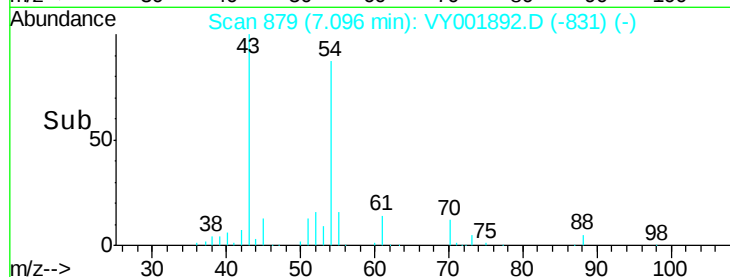
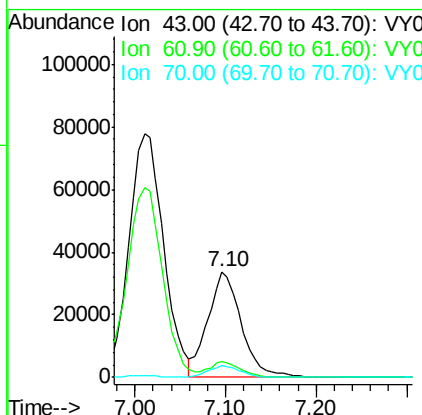
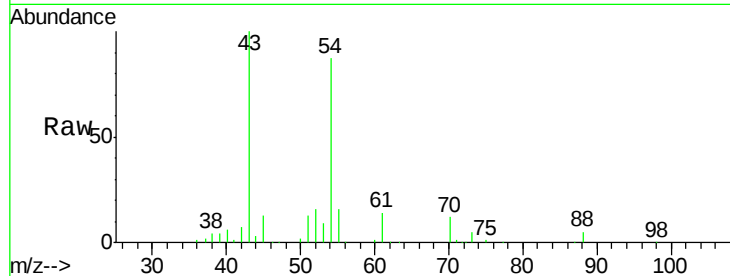
#37
Ethyl Acetate
Concen: 52.832 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.9	8.2	12.4

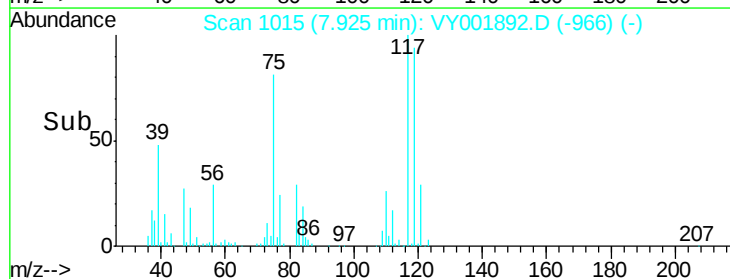
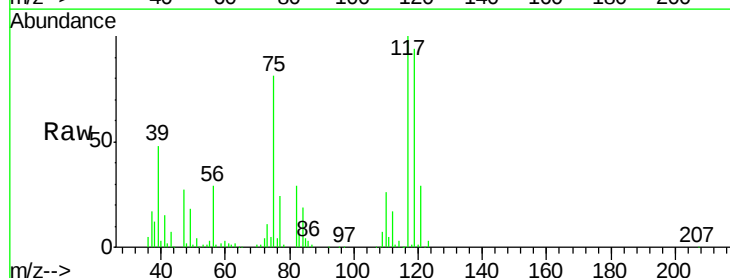
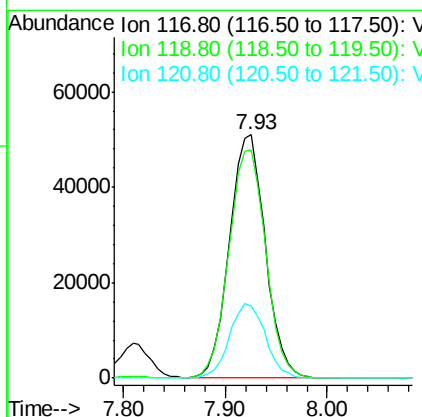
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#38
Carbon Tetrachloride
Concen: 51.480 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.3	114.5
121	29.5	23.5	35.3





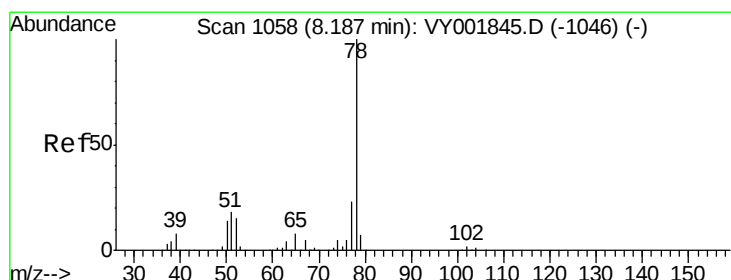
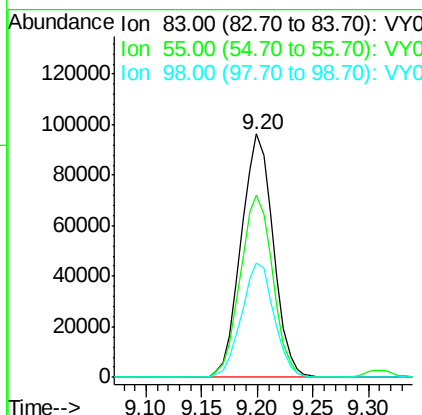
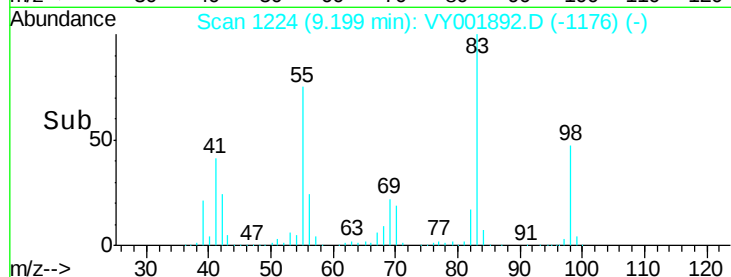
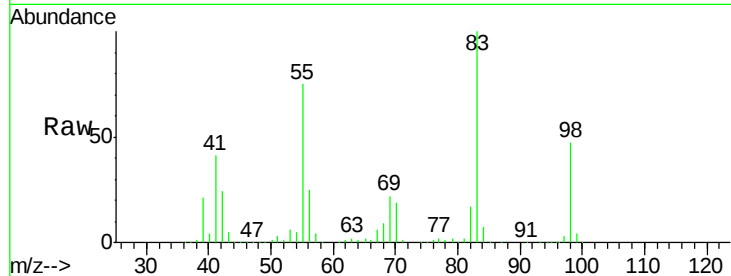
#39
Methvlcvclohexane
Concen: 51.680 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	193833
Ion Ratio	100	Lower	Upper
83	100		
55	74.8	59.4	89.0
98	46.9	38.9	58.3

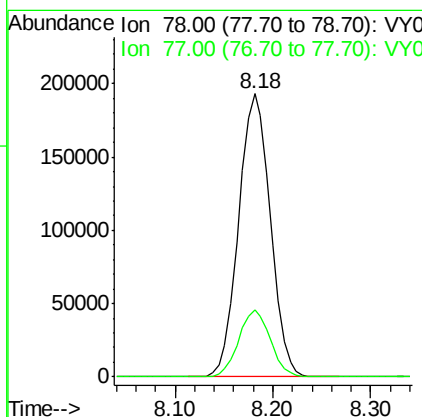
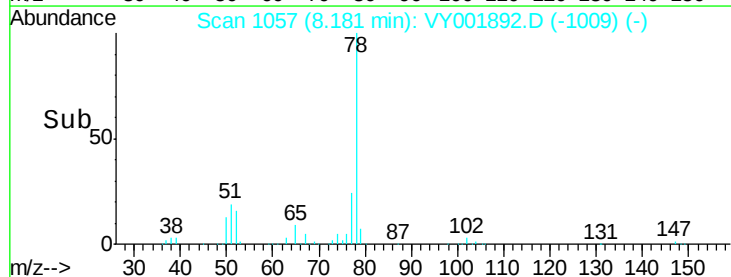
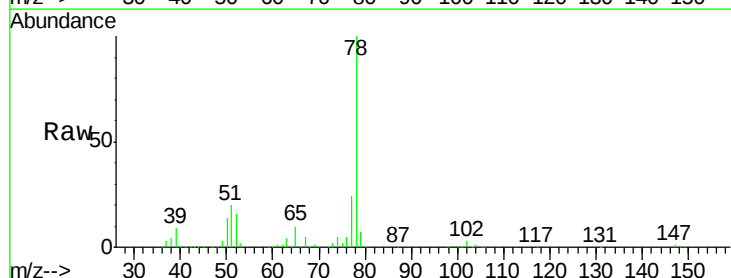
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#40
Benzene
Concen: 51.686 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	78	Resp	433219
Ion Ratio	100	Lower	Upper
78	100		
77	23.8	18.7	28.1





#41

Methacrylonitrile

Concen: 51.605 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 38170

Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

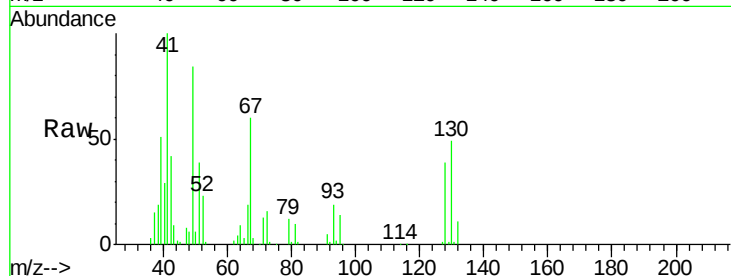
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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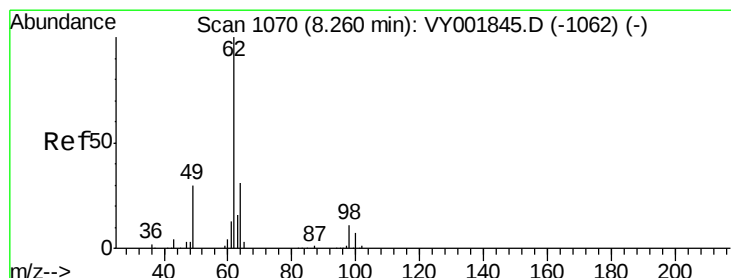
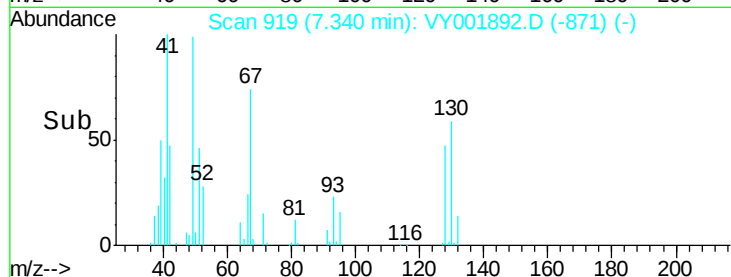
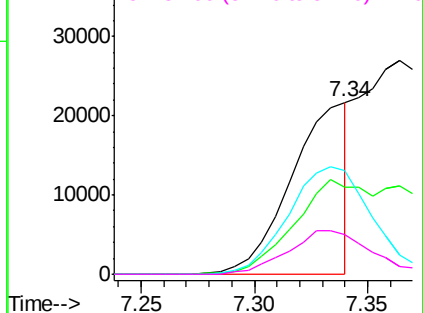


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.616 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001892.D

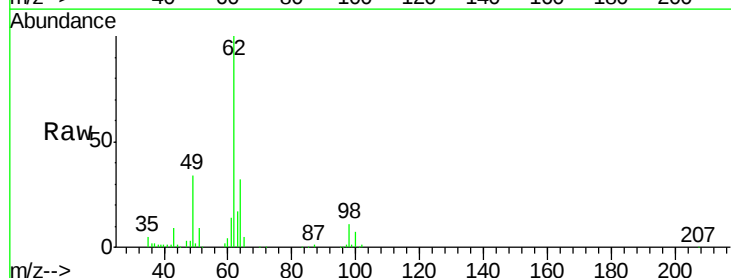
Acq: 06 Mar 2020 10:33

Tgt Ion: 62 Resp: 111482

Ion Ratio Lower Upper

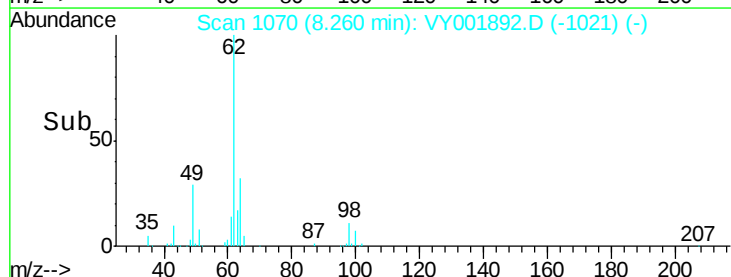
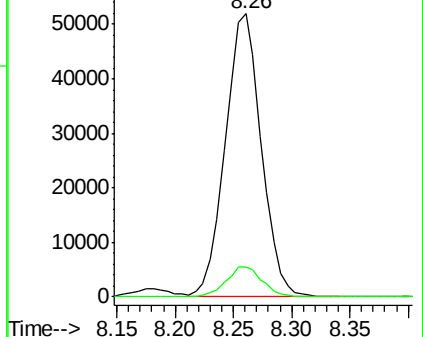
62 100

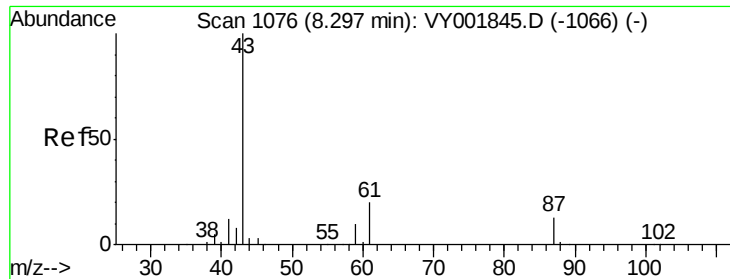
98 10.7 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





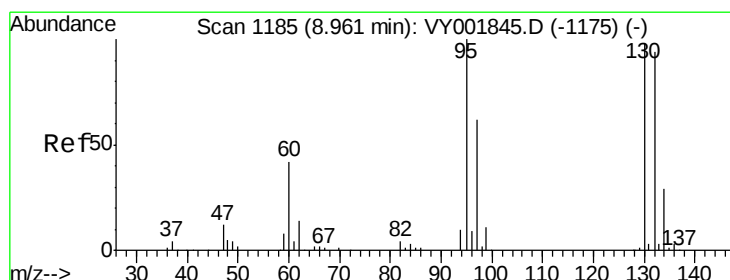
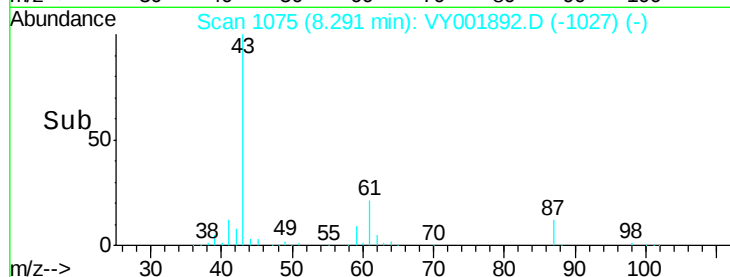
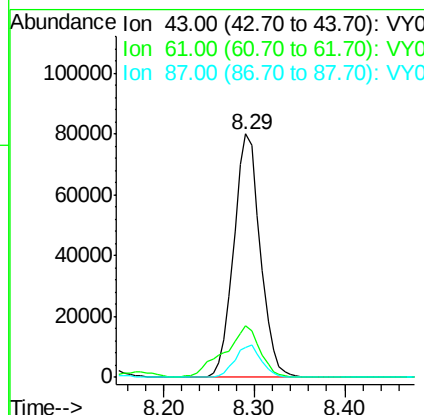
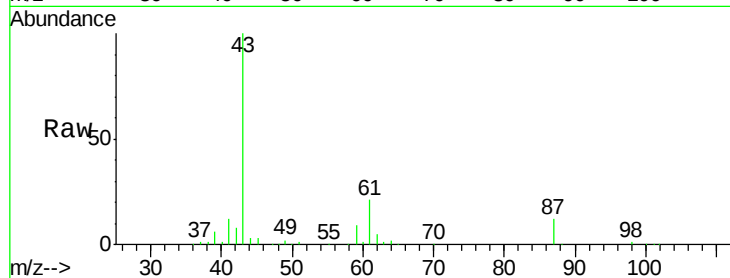
#43
Isopropyl Acetate
Concen: 52.235 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.3	23.8	35.6
87	13.3	10.9	16.3

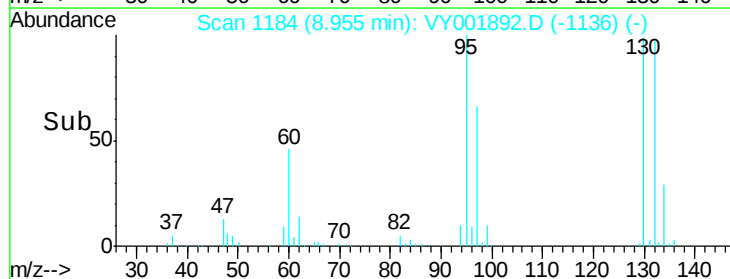
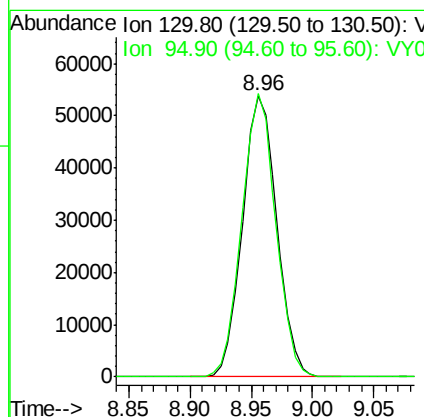
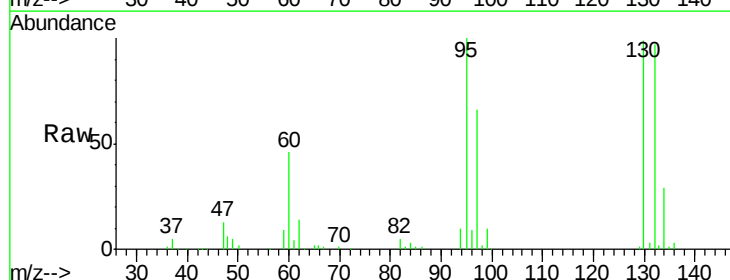
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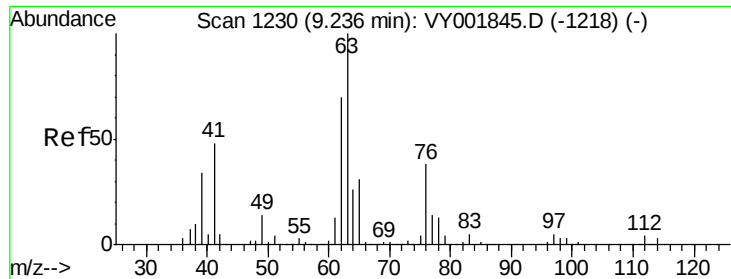
MMDadoda
3/9/2020 11:41:01 AM



#44
Trichloroethene
Concen: 51.465 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	204.6





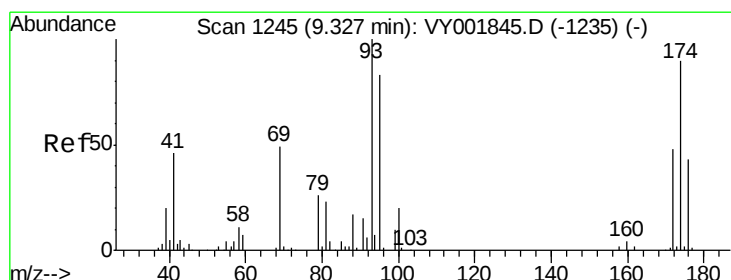
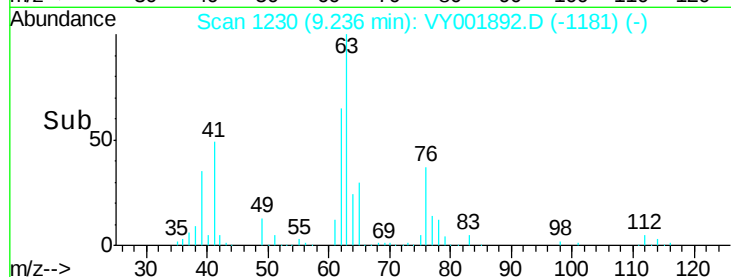
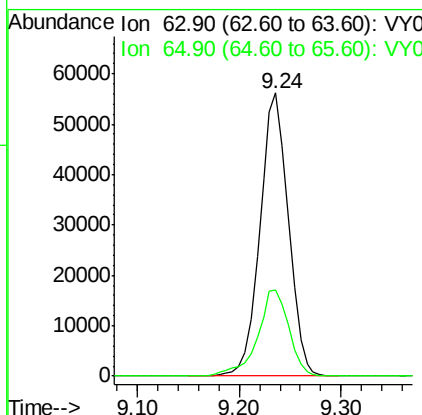
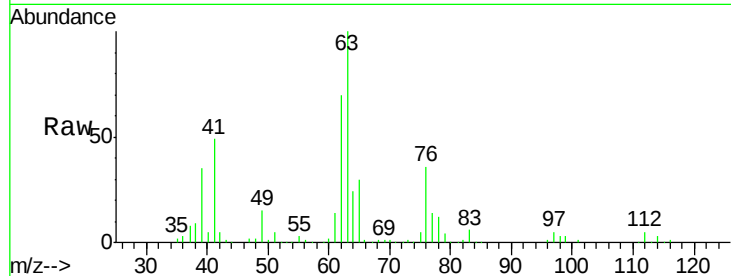
#45
 1,2-Dichloropropane
 Concen: 51.669 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 108867
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.9 37.3

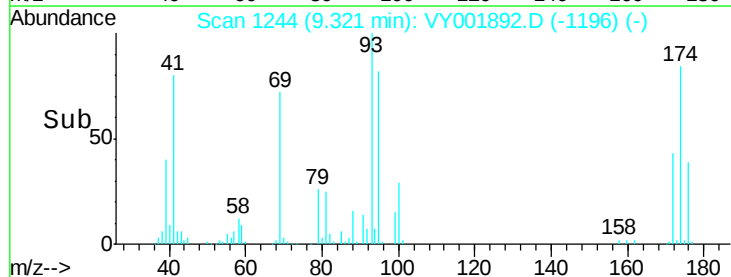
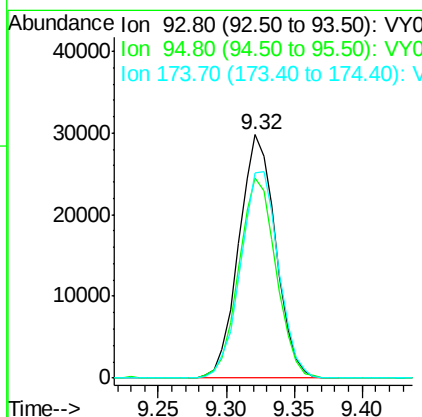
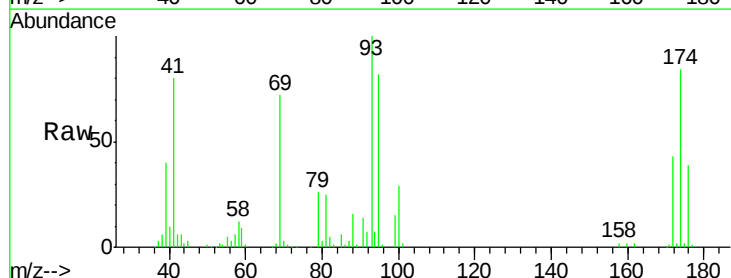
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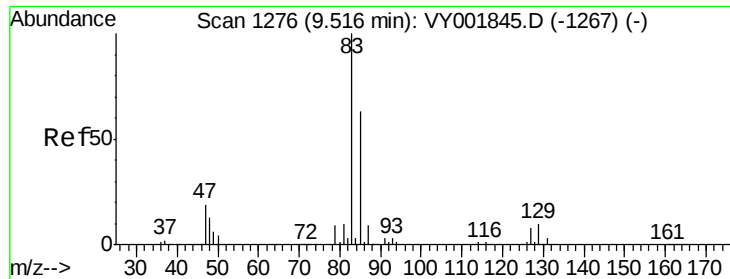
MMDadoda
 3/9/2020 11:41:01 AM



#46
 Dibromomethane
 Concen: 51.983 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 93 Resp: 56444
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 87.3 71.8 107.8





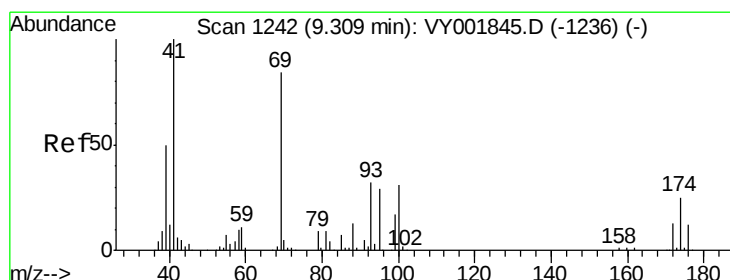
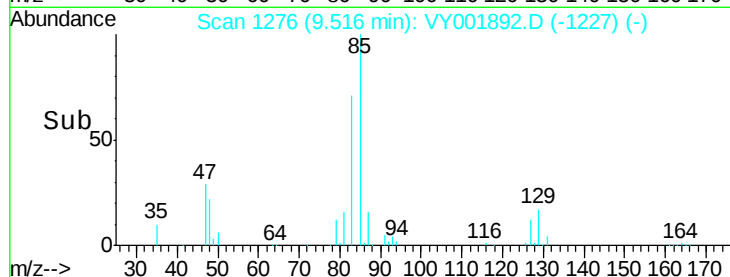
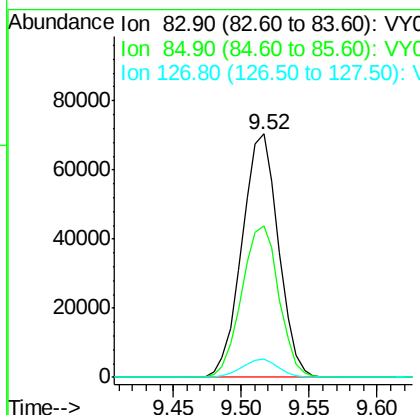
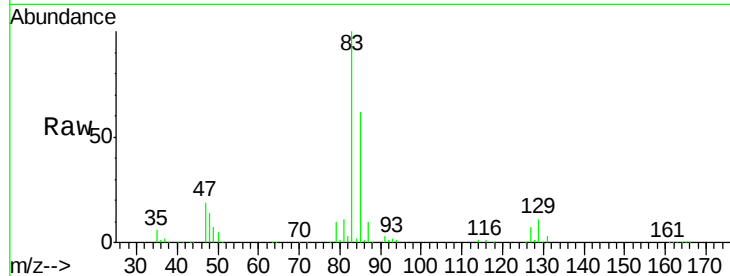
#47
Bromodichloromethane
Concen: 52.271 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	132026
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.6	76.0
127	7.5	6.2	9.4

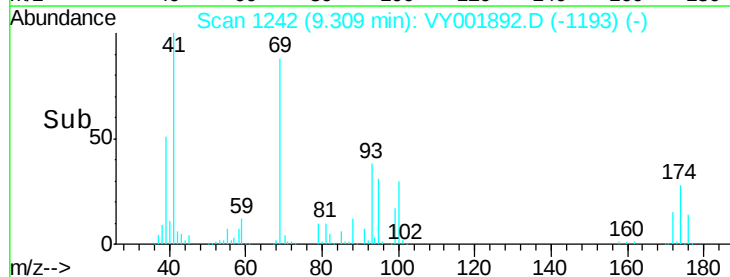
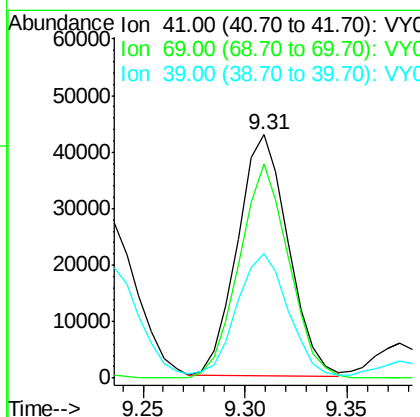
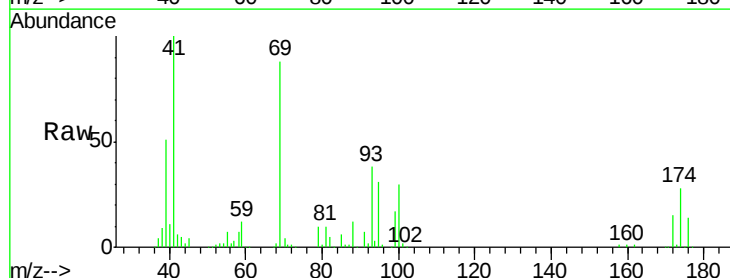
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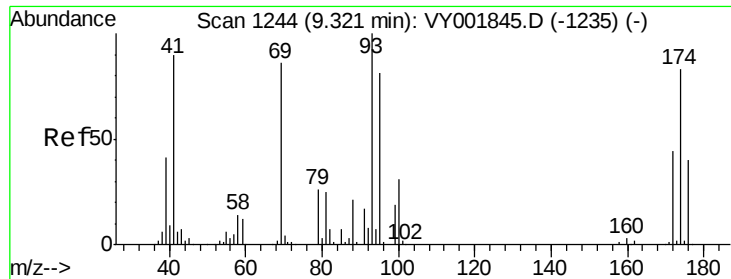
MMDadoda
3/9/2020 11:41:01 AM



#48
Methyl methacrylate
Concen: 53.154 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	41	Resp	73393
Ion Ratio	100	Lower	Upper
41	100		
69	87.5	69.0	103.6
39	50.8	39.1	58.7





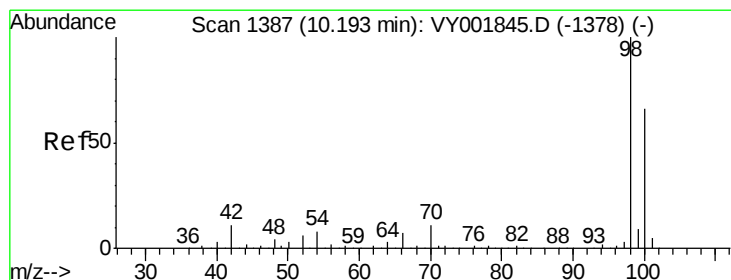
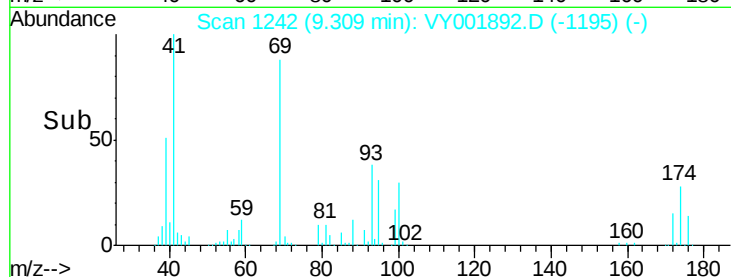
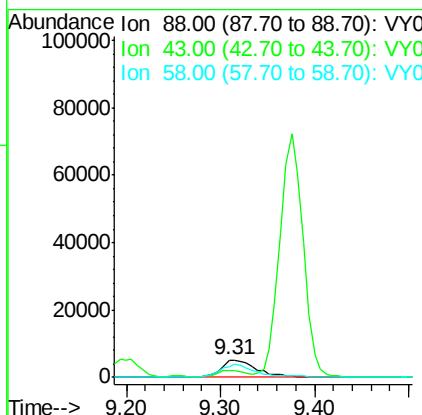
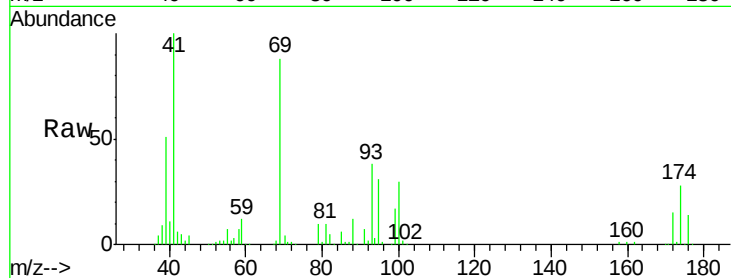
#49
 1,4-Dioxane
 Concen: 930.557 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.0	37.6
58	68.5	58.9	88.3

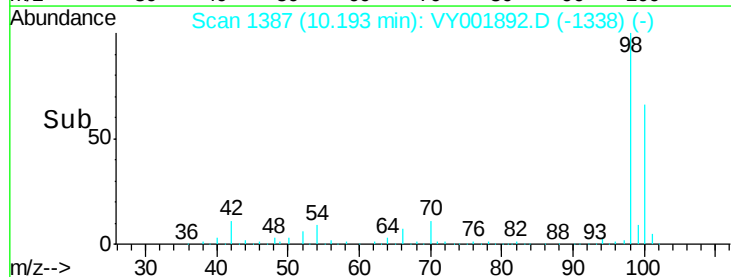
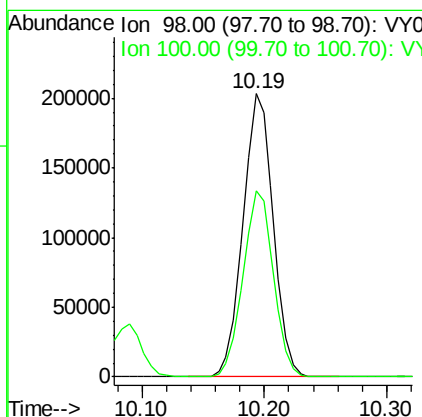
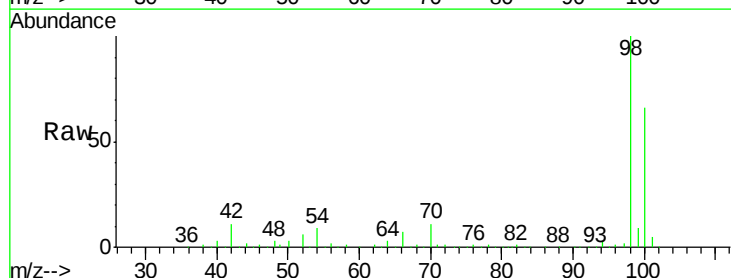
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#50
 Toluene-d8
 Concen: 51.476 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4





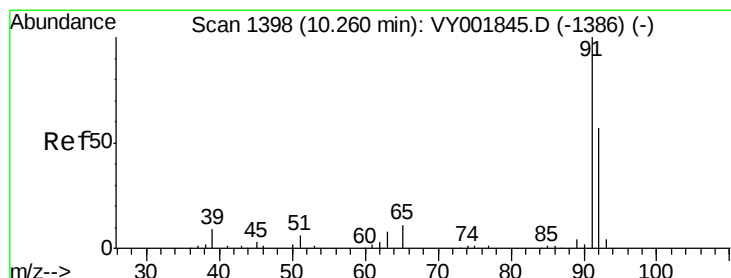
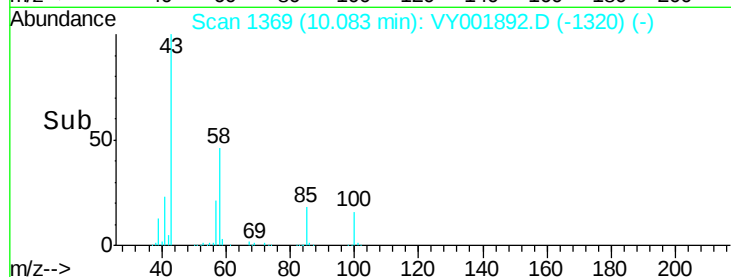
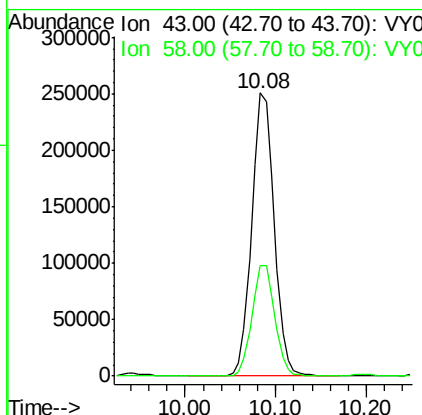
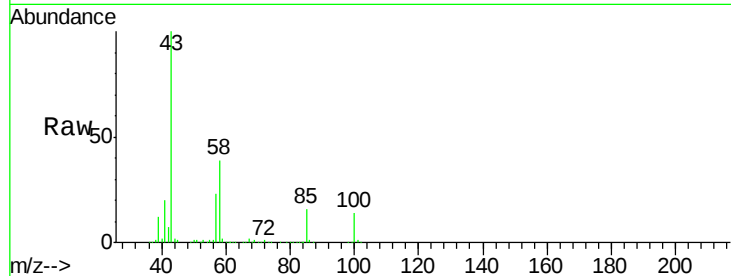
#51
4-Methyl-2-Pentanone
Concen: 269.380 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 431749
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0

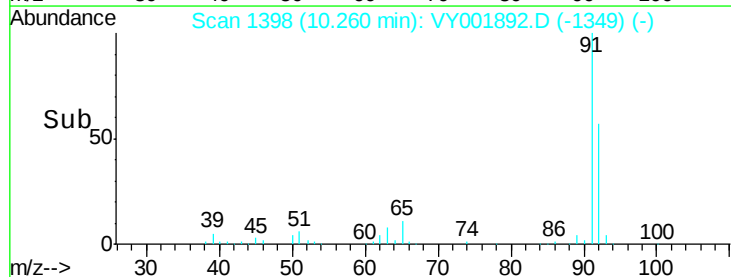
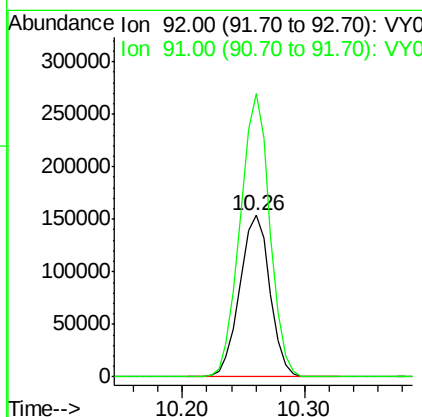
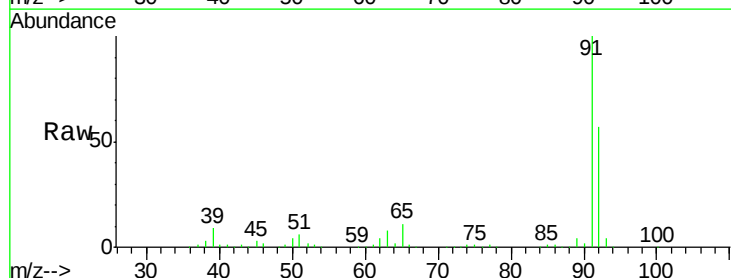
Manual Integrations
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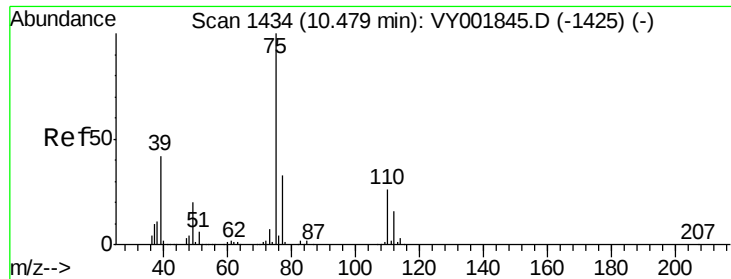
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#52
Toluene
Concen: 51.615 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 92 Resp: 262813
Ion Ratio Lower Upper
92 100
91 172.0 138.6 208.0





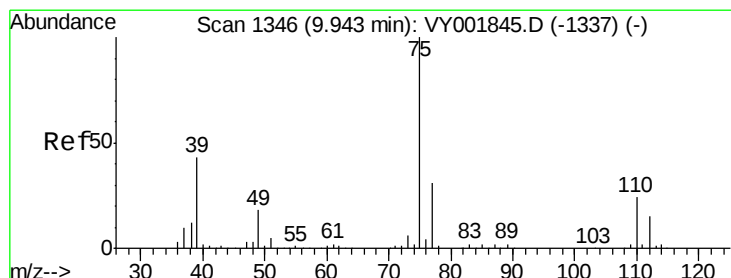
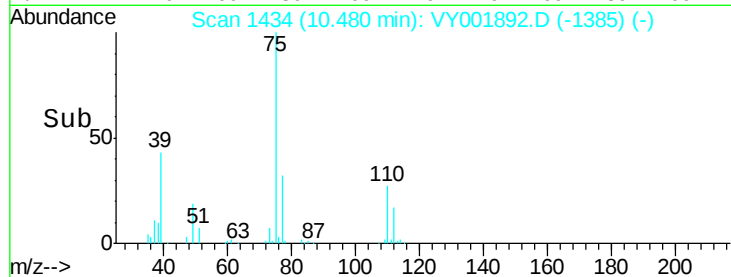
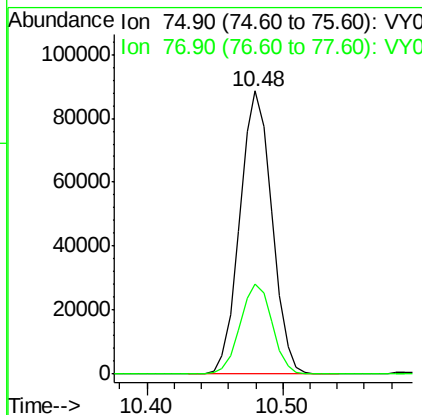
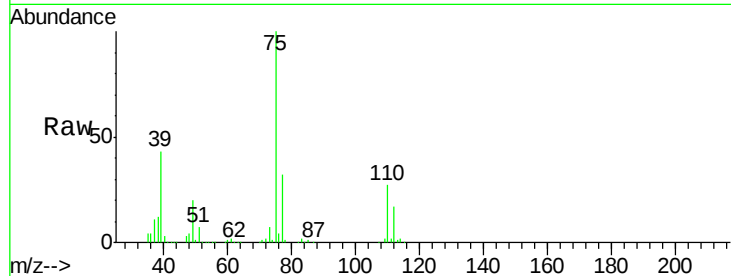
#53
t-1,3-Dichloropropene
Concen: 53.094 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.3	39.5

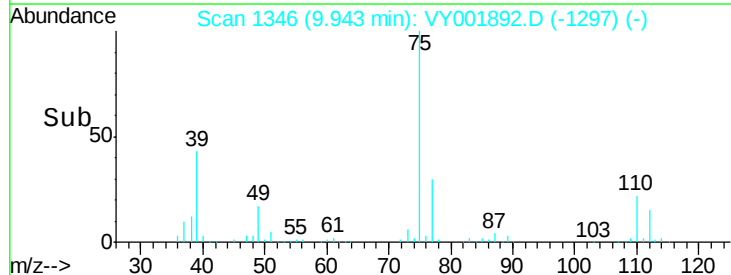
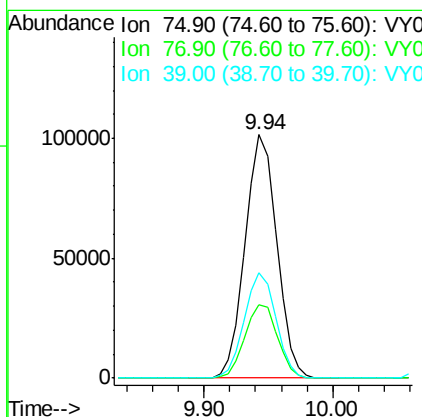
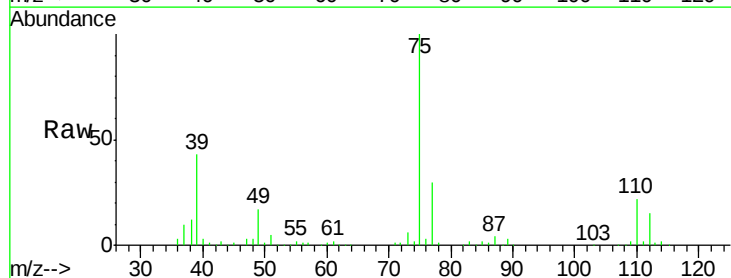
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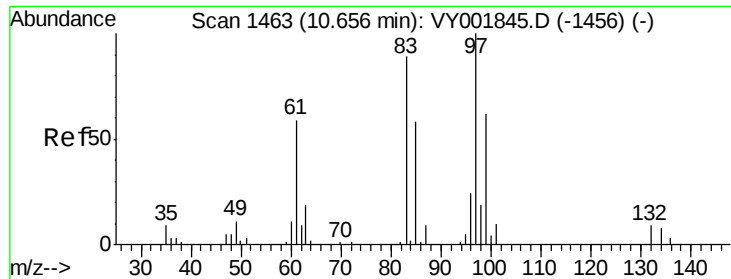
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#54
cis-1,3-Dichloropropene
Concen: 52.645 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.1	37.7
39	43.2	34.7	52.1





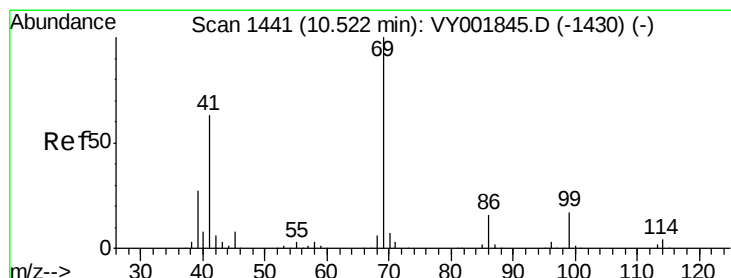
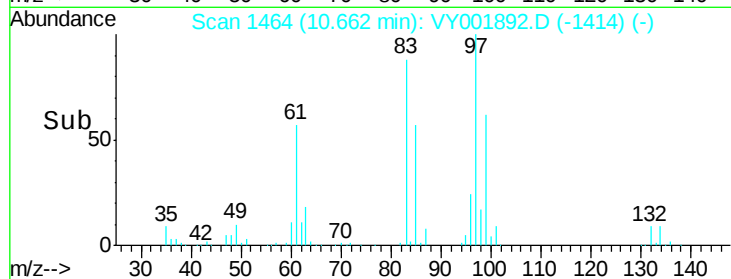
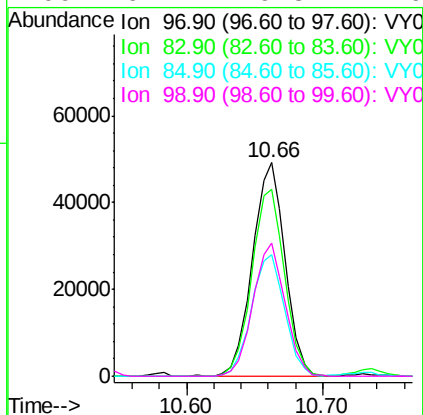
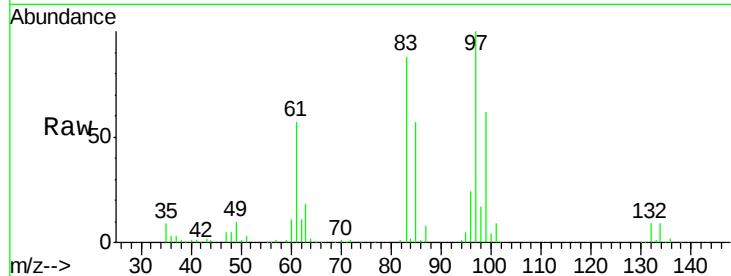
#55
1,1,2-Trichloroethane
Concen: 52.029 ug/l
RT: 10.66 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	82677
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.6	107.4
85	57.1	46.6	69.8
99	62.4	49.8	74.6

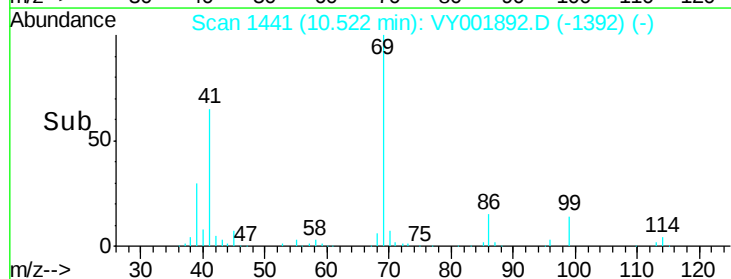
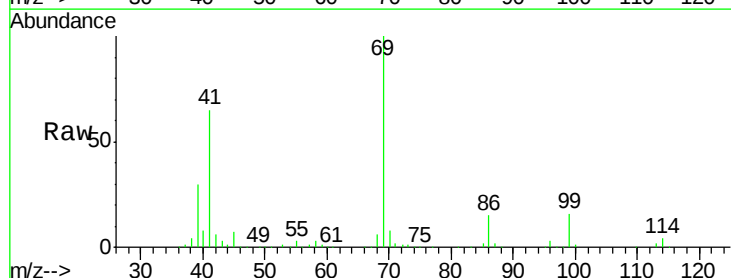
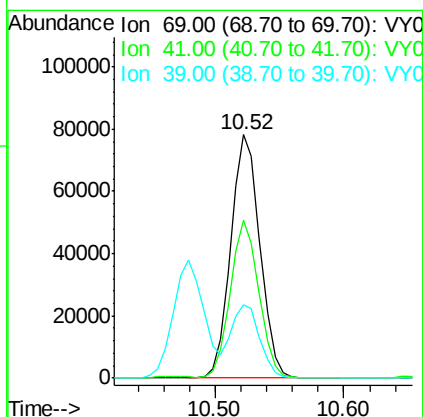
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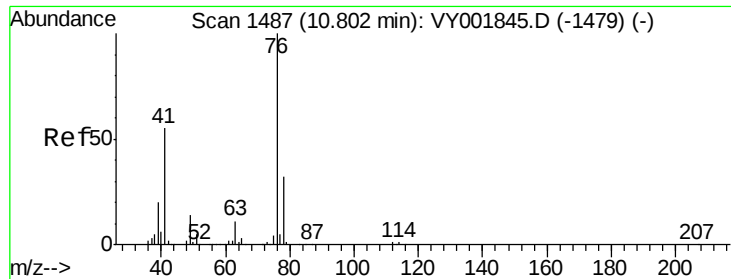
MMDadoda
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#56
Ethyl methacrylate
Concen: 52.945 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:	69	Resp:	123318
Ion	Ratio	Lower	Upper
69	100		
41	63.4	49.9	74.9
39	29.5	23.0	34.6





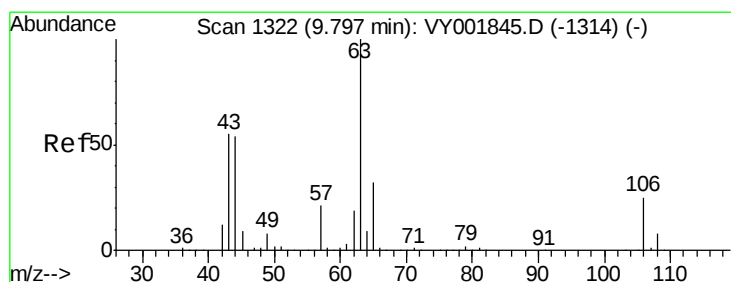
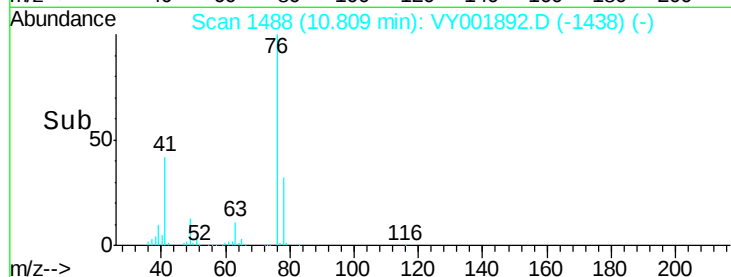
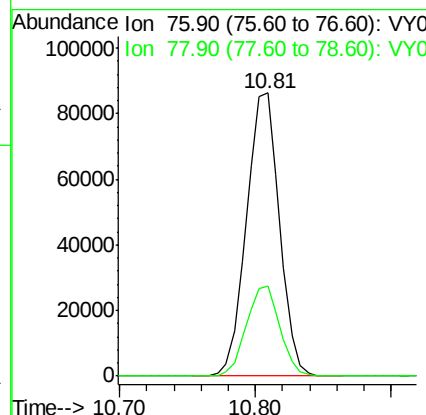
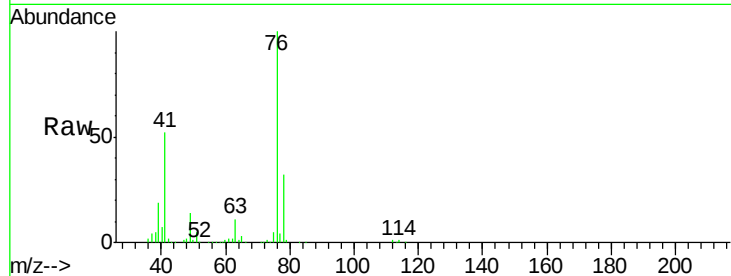
#57
 1,3-Dichloropropane
 Concen: 51.705 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 146458
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6

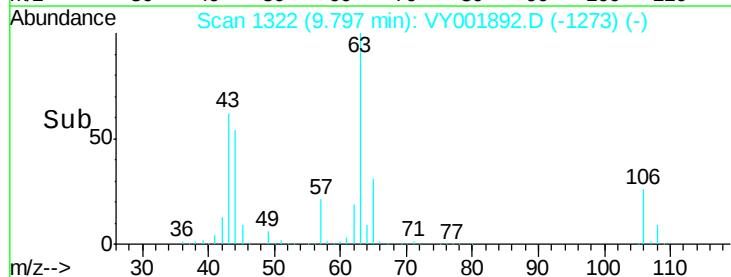
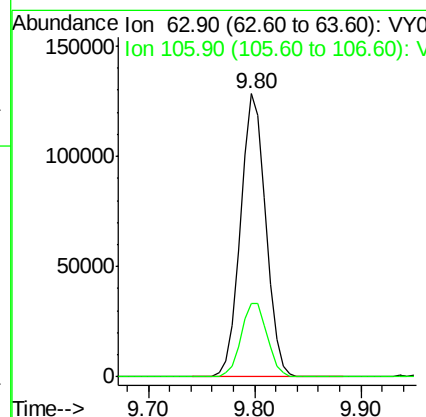
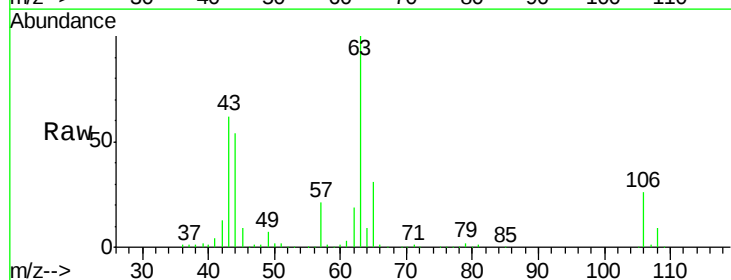
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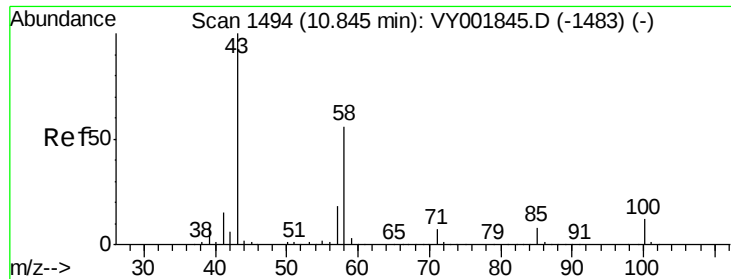
MMDadoda
 3/9/2020 11:41:01 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.994 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion: 63 Resp: 214196
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.3 31.9





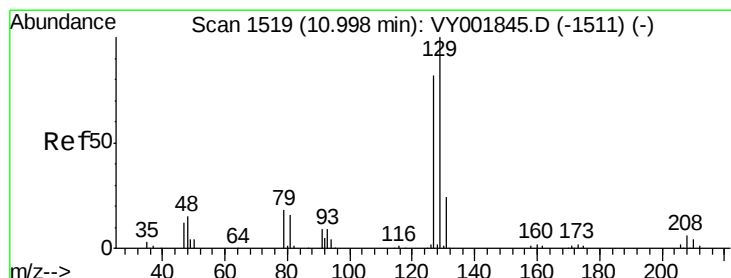
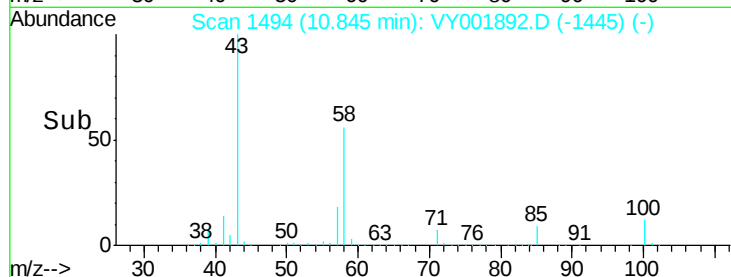
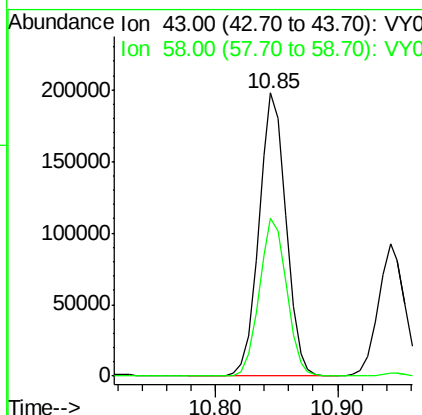
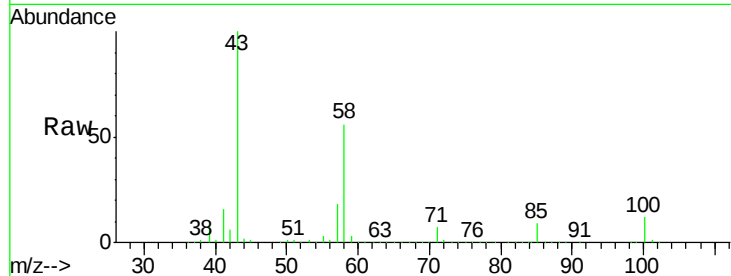
#59
2-Hexanone
Concen: 266.982 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 305419
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3

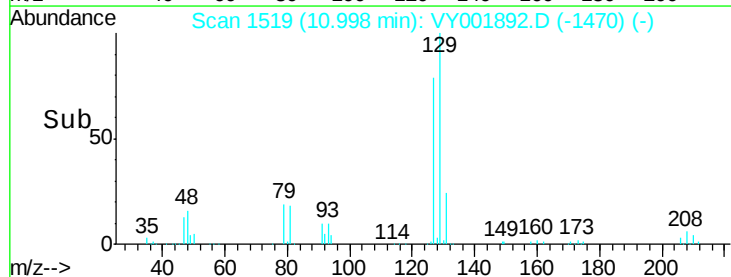
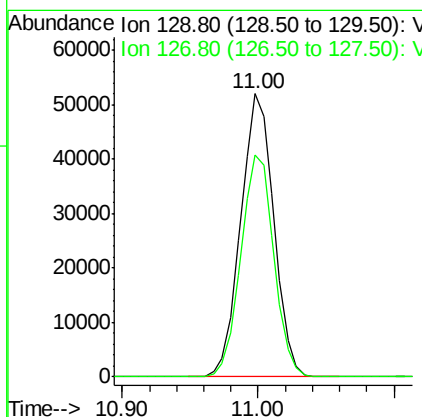
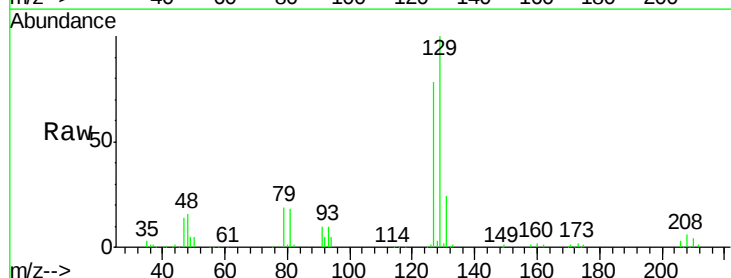
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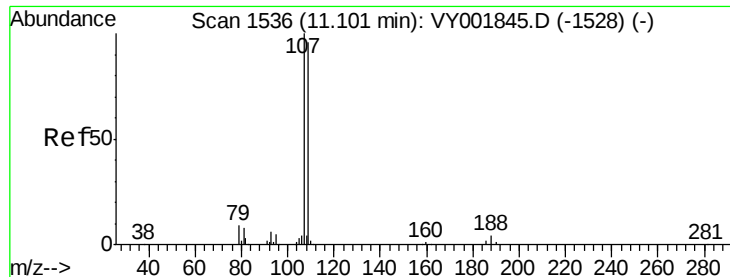
MMDadoda
3/9/2020 11:41:01 AM



#60
Dibromochloromethane
Concen: 52.720 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 129 Resp: 88277
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





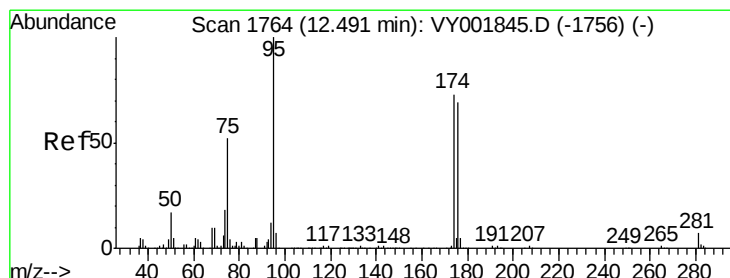
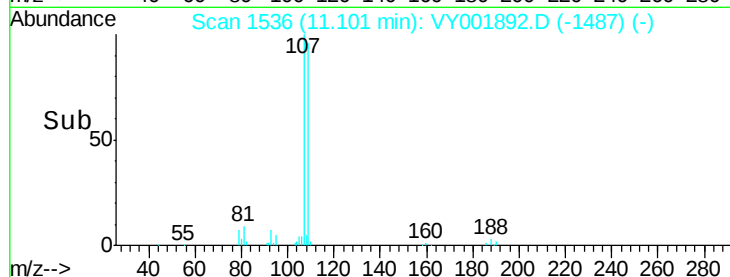
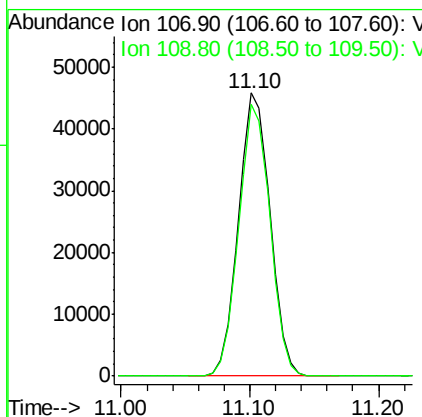
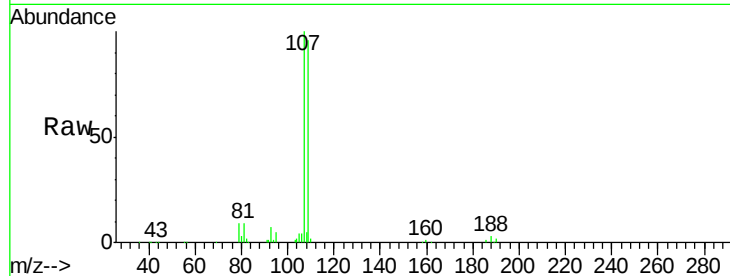
#61
 1,2-Dibromoethane
 Concen: 51.643 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.4	113.0

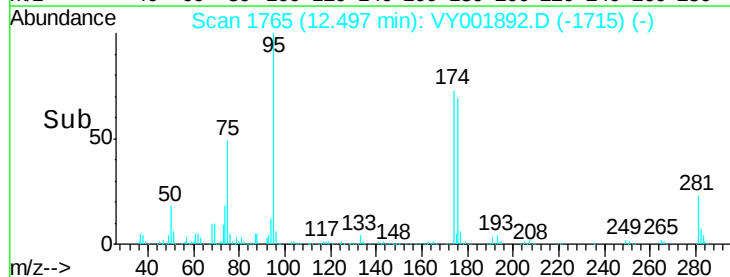
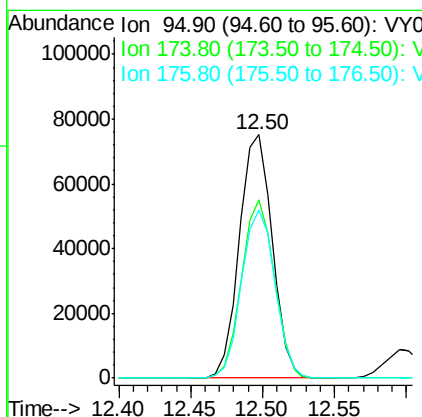
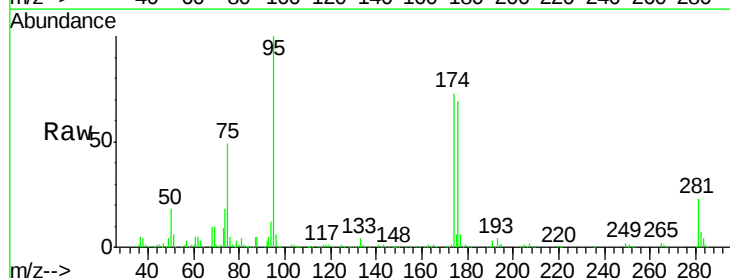
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 3/9/2020 11:41:01 AM



#62
 4-Bromofluorobenzene
 Concen: 50.631 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.0
176	69.9	0.0	137.4





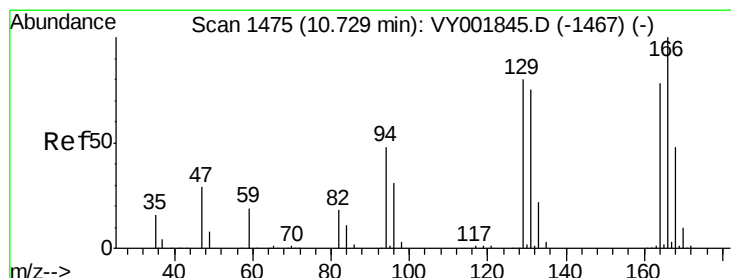
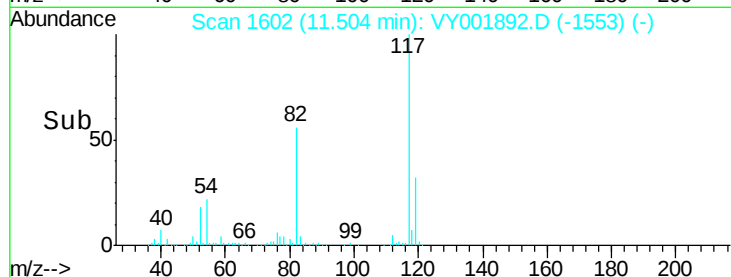
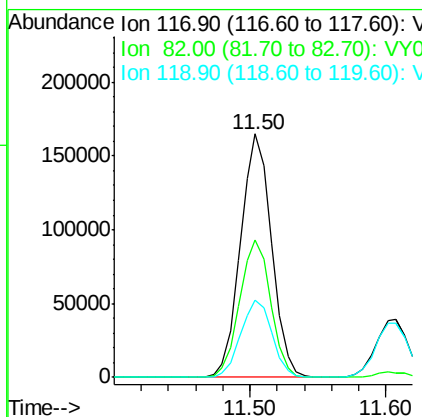
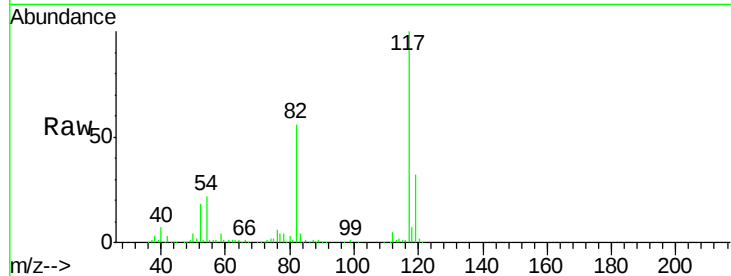
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	262063		
82	56.3		44.5	66.7
119	31.7		25.7	38.5

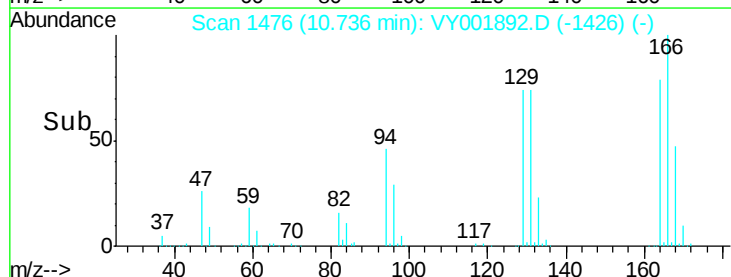
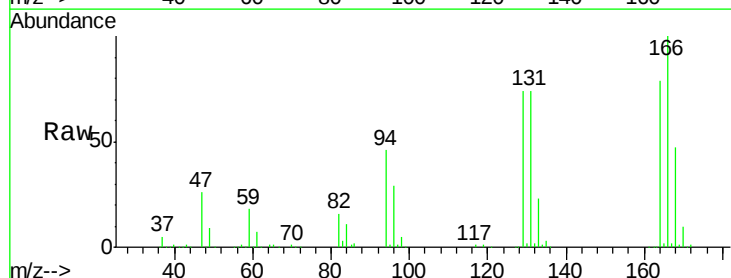
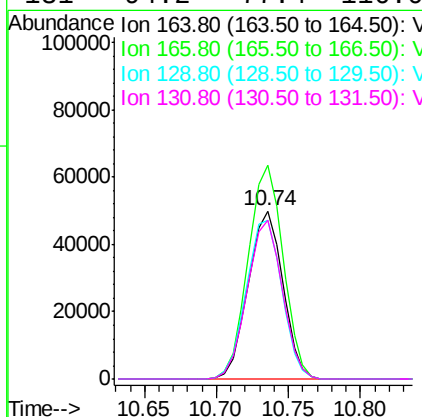
Manual Integrations
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#64
Tetrachloroethene
Concen: 50.593 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83147		
166	126.9		102.6	154.0
129	94.3		82.3	123.5
131	94.2		77.4	116.0





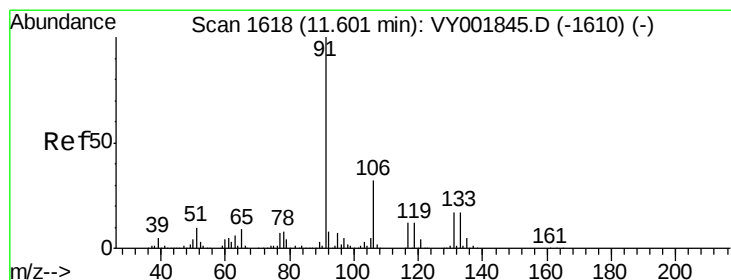
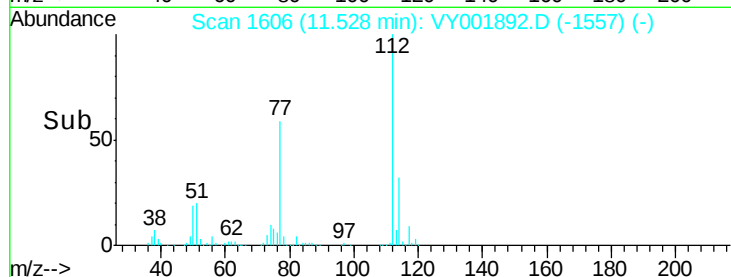
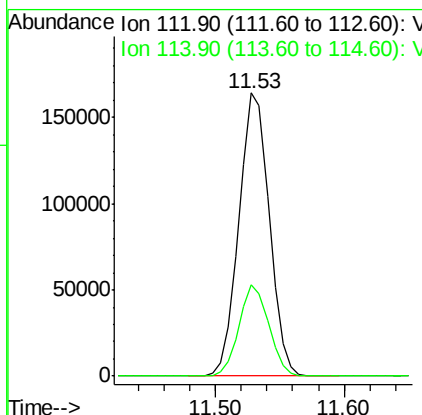
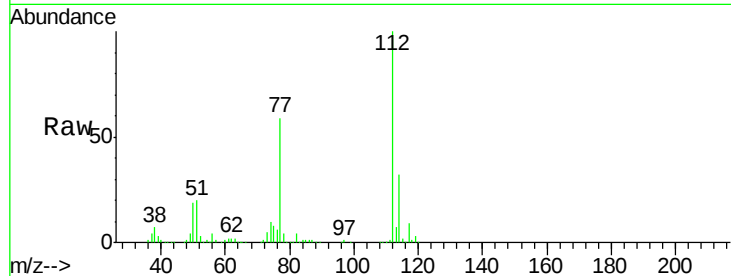
#65
Chlorobenzene
Concen: 51.293 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.9	38.9

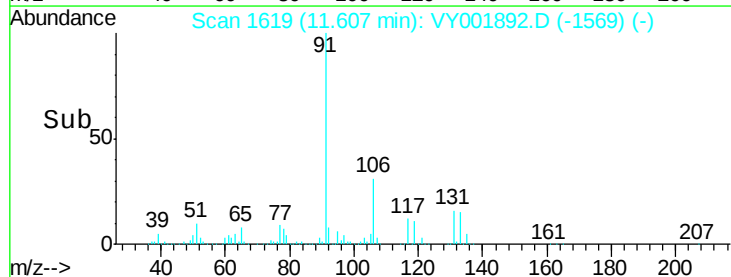
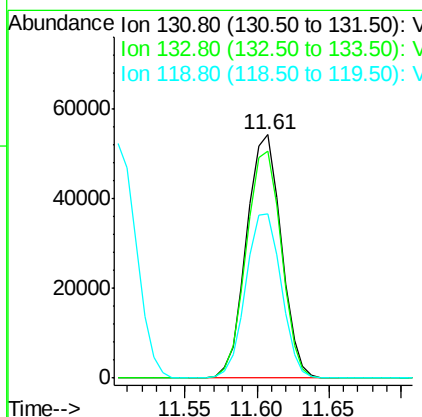
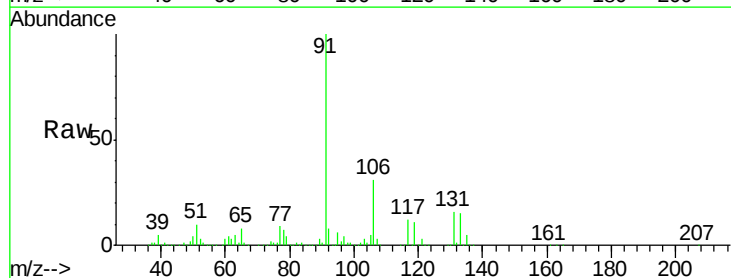
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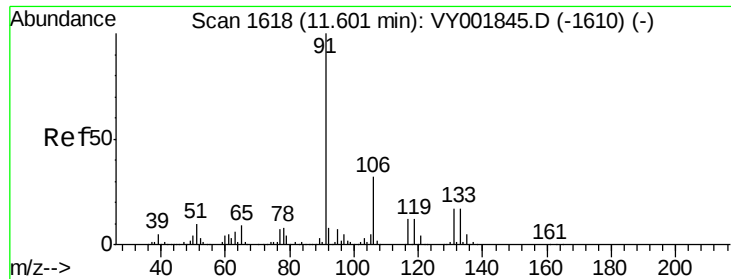
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.069 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.1	141.3
119	68.6	34.5	103.6





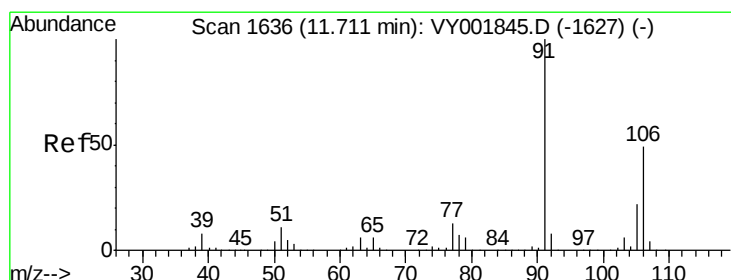
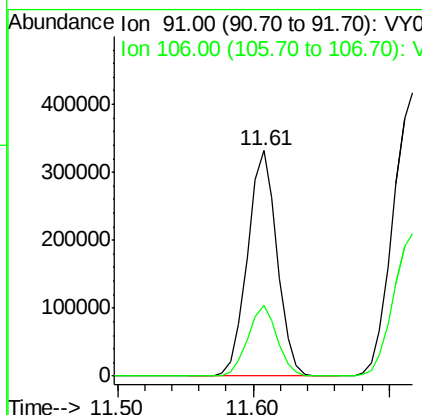
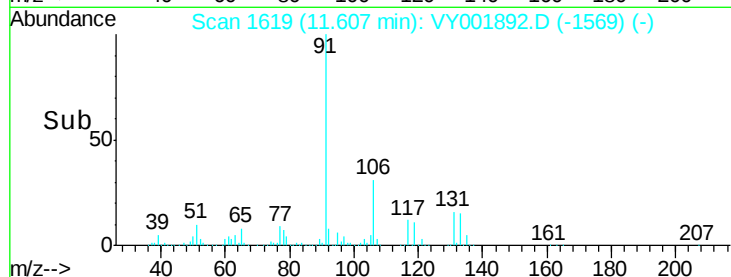
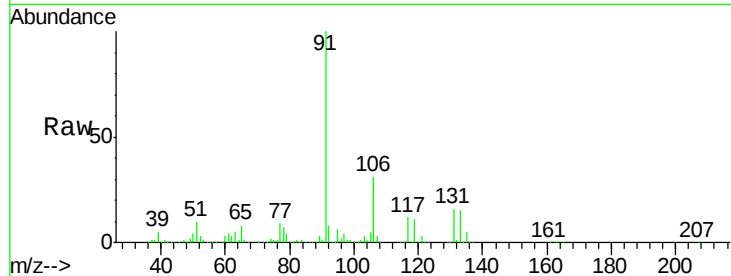
#67
Ethvl Benzene
Concen: 51.690 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 503383
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

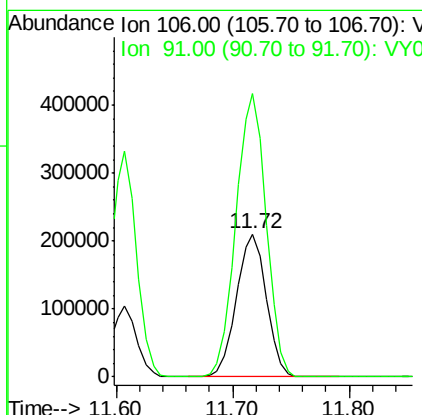
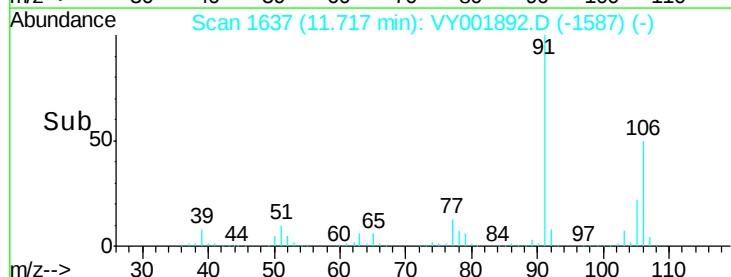
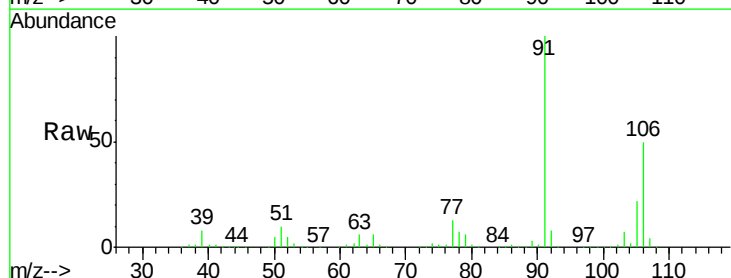
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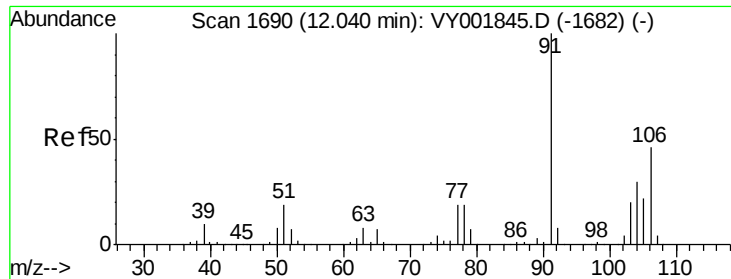
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3/9/2020 11:41:01 AM



#68
m/p-Xylenes
Concen: 104.180 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 106 Resp: 375092
Ion Ratio Lower Upper
106 100
91 200.9 161.3 241.9





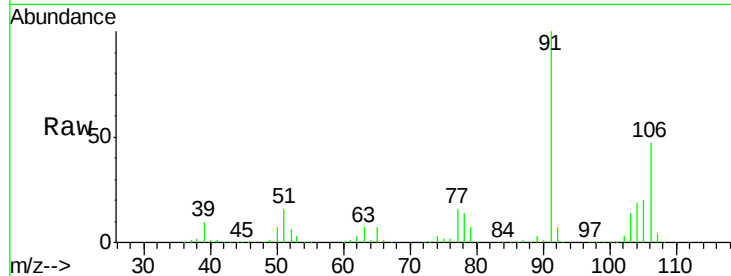
#69
o-Xylene
Concen: 51.600 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

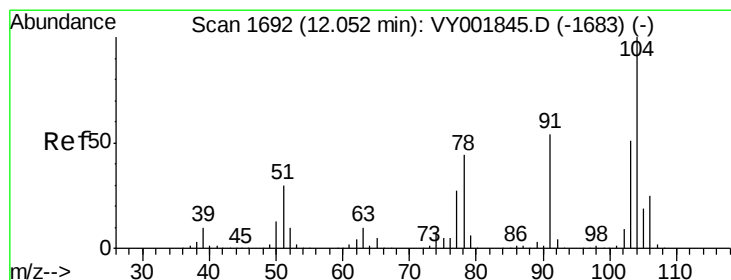
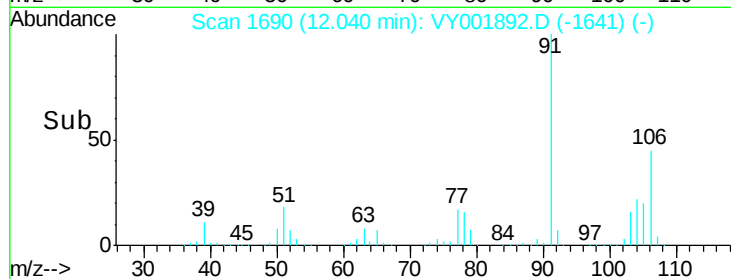
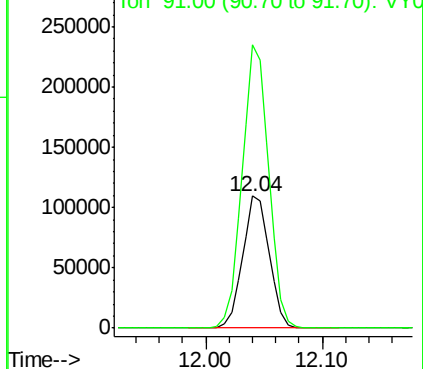
Tot Ion:106 Resp: 175103
Ion Ratio Lower Upper
106 100
91 213.0 106.8 320.4

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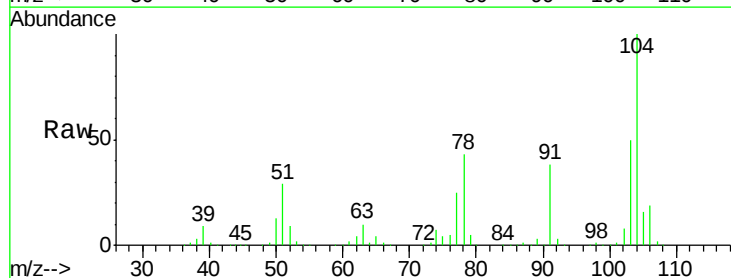


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

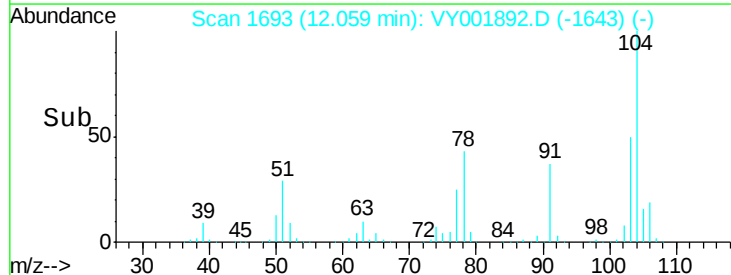
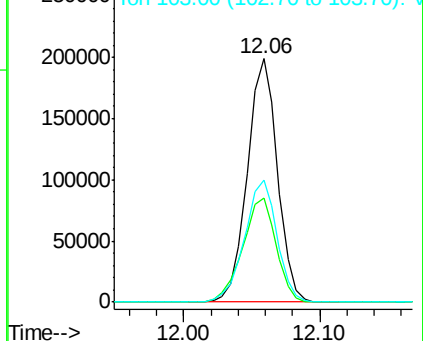


#70
Styrene
Concen: 52.937 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion:104 Resp: 307676
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 54.1 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: 54.800 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 50890

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

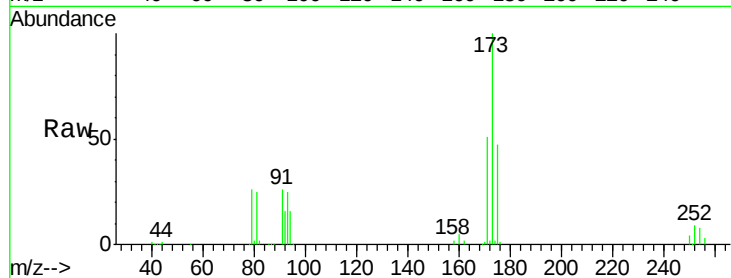
254 0.0 0.0 0.0

Manual Integrations

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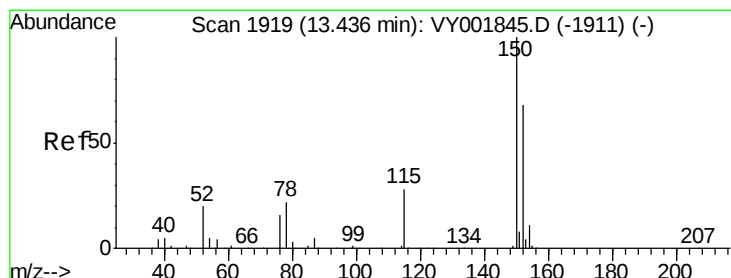
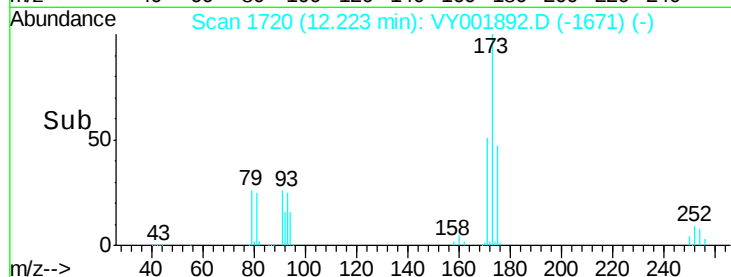
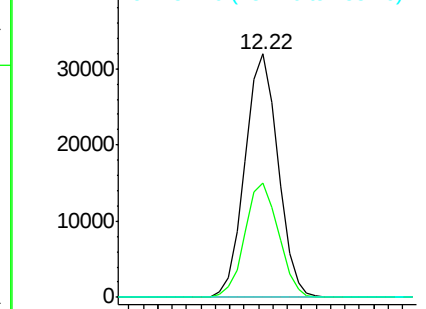
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

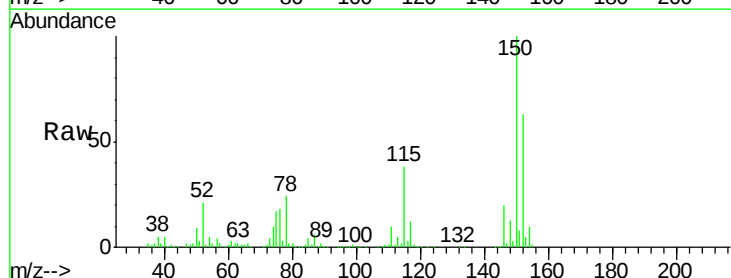
Tgt Ion:152 Resp: 118845

Ion Ratio Lower Upper

152 100

115 61.4 29.9 89.7

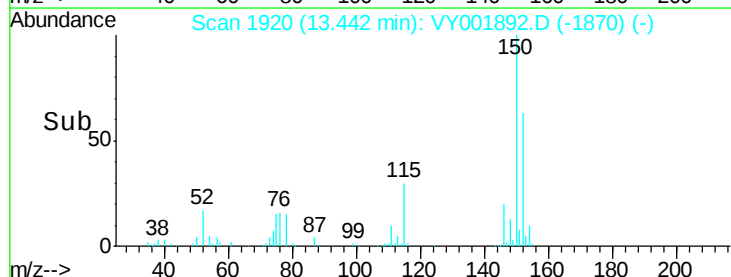
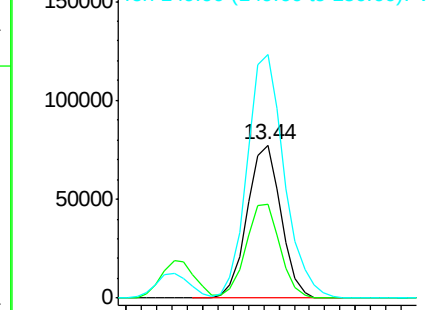
150 174.9 0.0 340.6



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





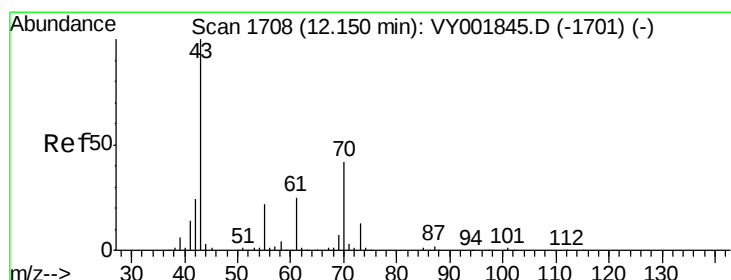
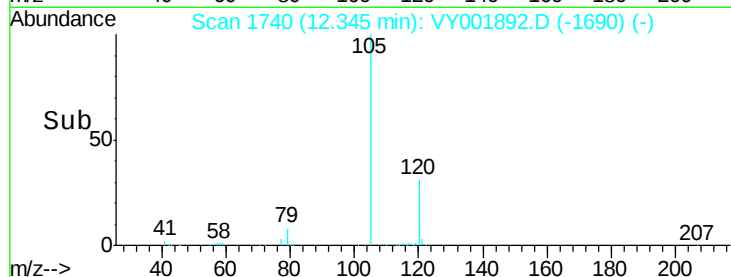
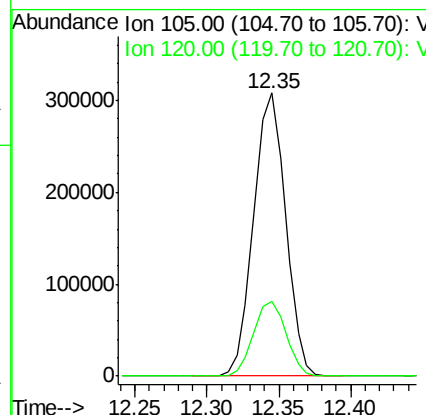
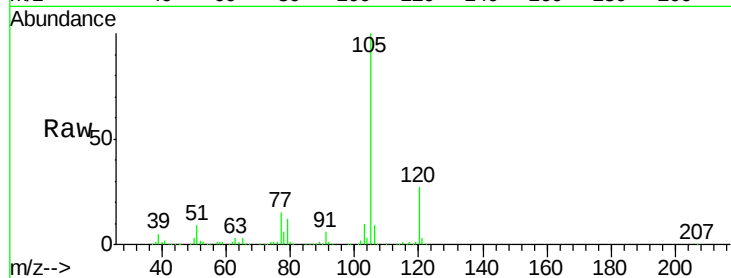
#73
Isopropylbenzene
Concen: 52.096 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.1	39.3

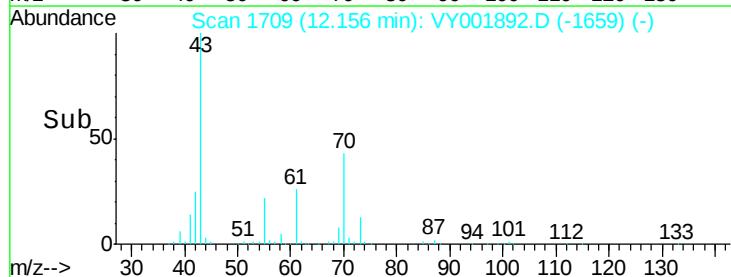
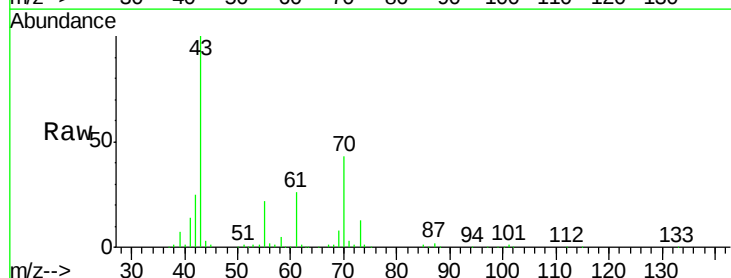
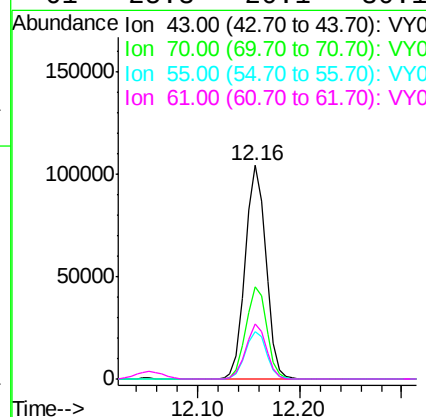
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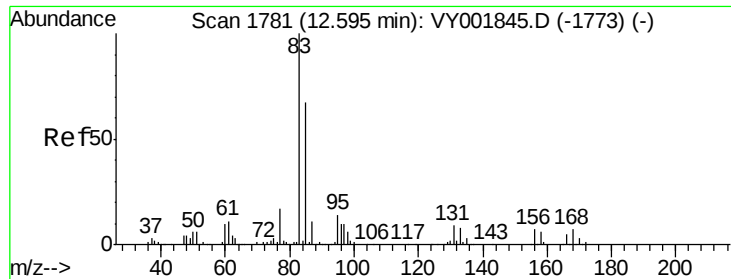
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#74
N-ethyl acetate
Concen: 52.478 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.5	34.7	52.1
55	22.9	18.2	27.4
61	25.3	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.498 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

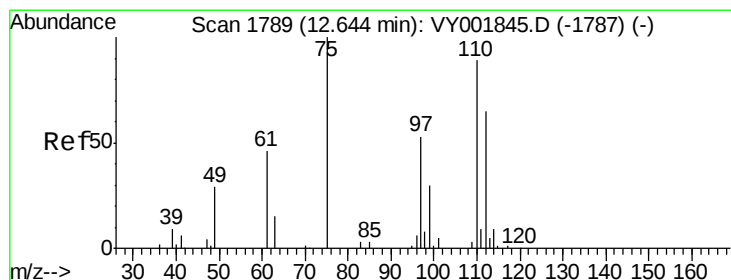
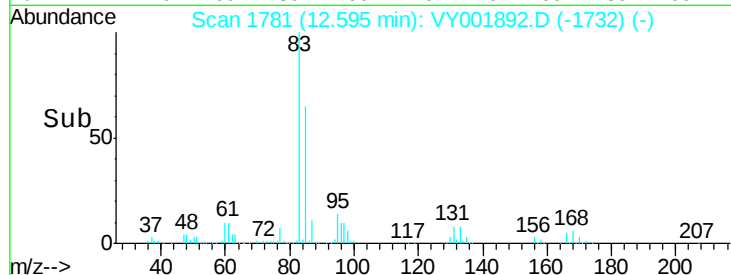
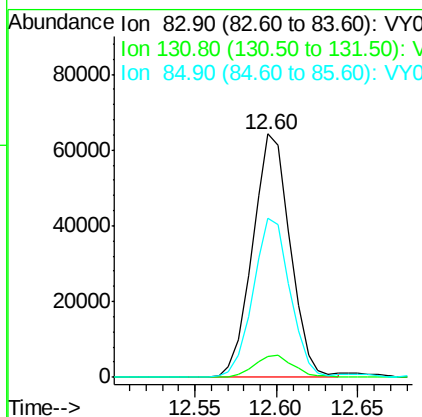
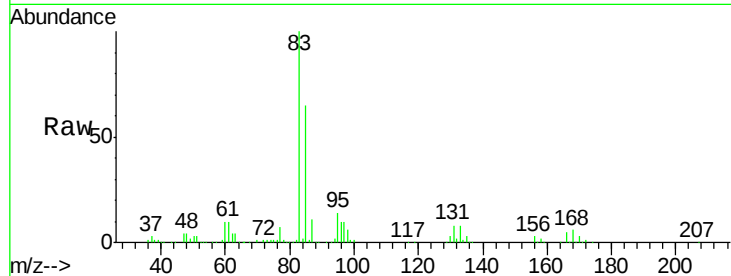
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	102709
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	64.4	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.610 ug/l m

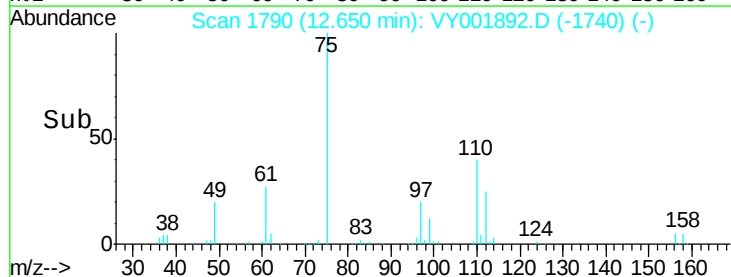
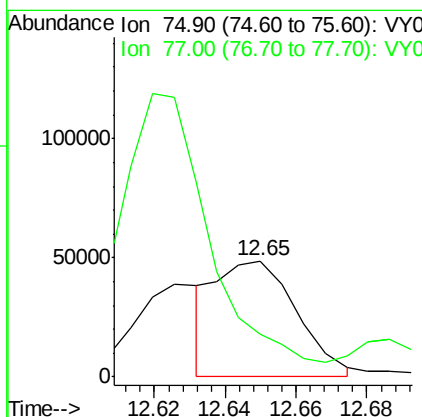
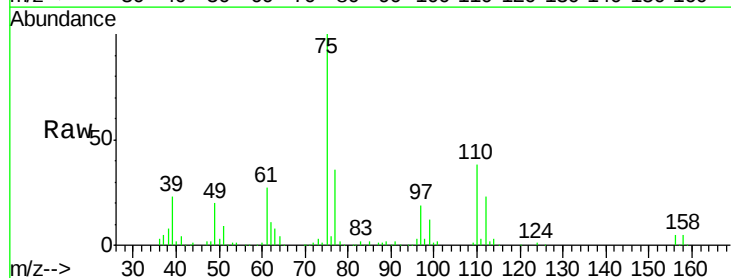
RT: 12.65 min Scan# 1790

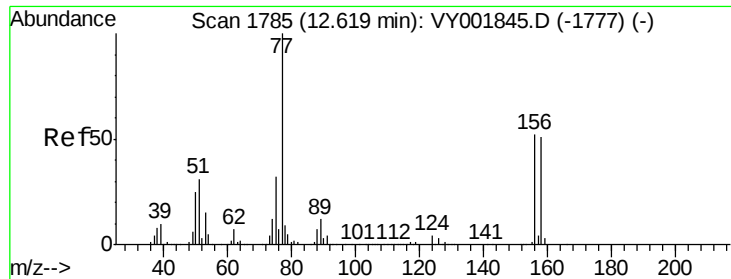
Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	75	Resp:	77009
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.120 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

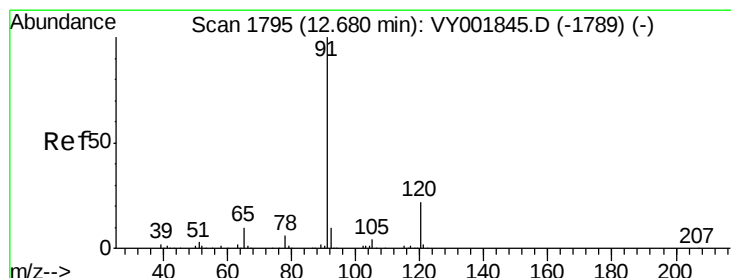
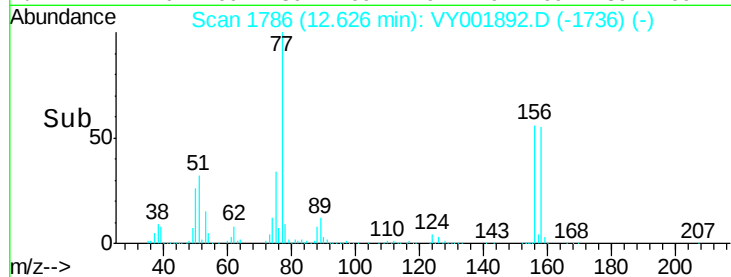
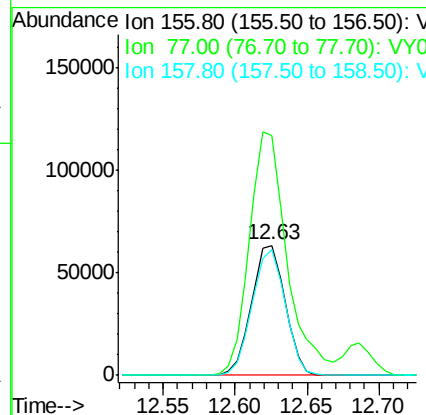
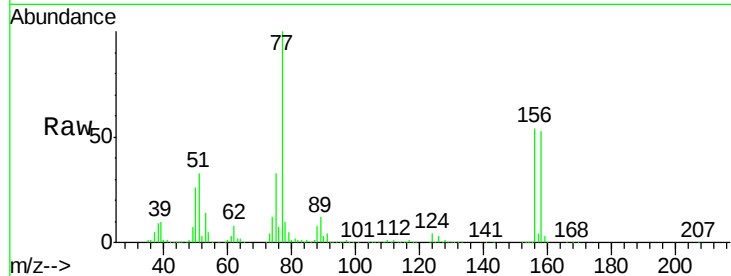
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	102105
Ion Ratio	Lower	Upper	
156	100		
77	211.3	109.0	327.0
158	95.6	48.9	146.8

Manual Integrations
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3/9/2020 11:41:01 AM



#78

n-propylbenzene

Concen: 52.338 ug/l

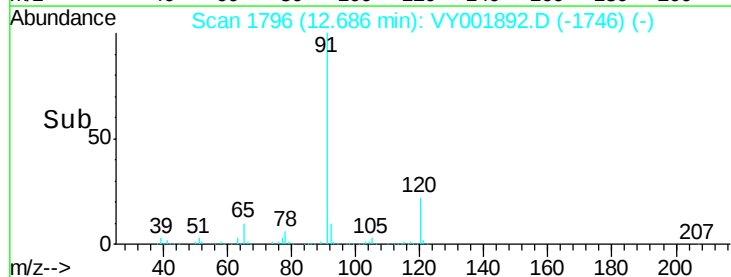
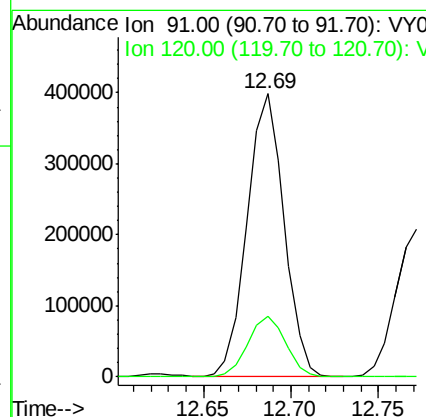
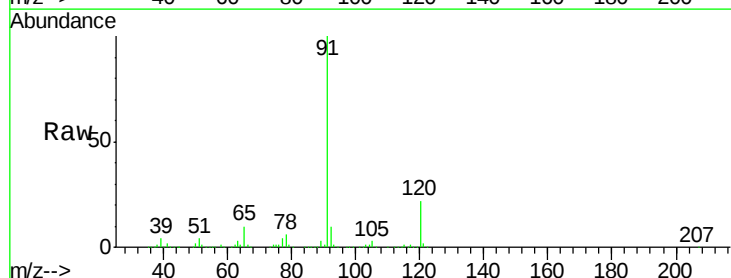
RT: 12.69 min Scan# 1796

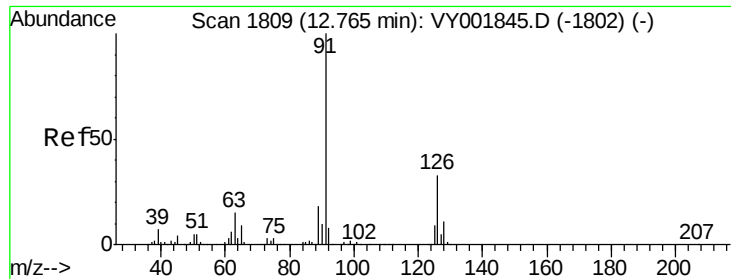
Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	91	Resp:	585795
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.0	33.0





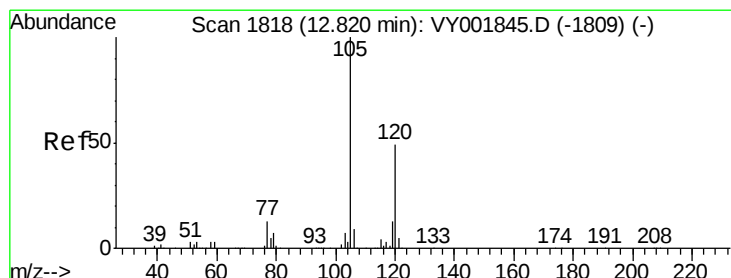
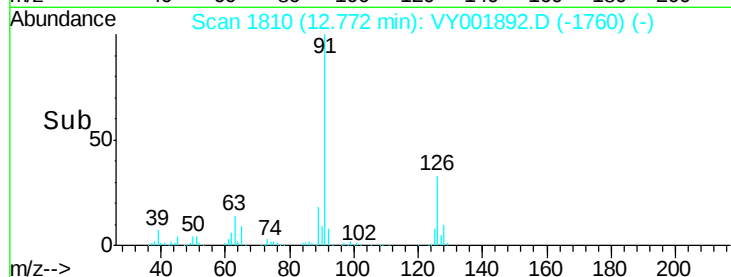
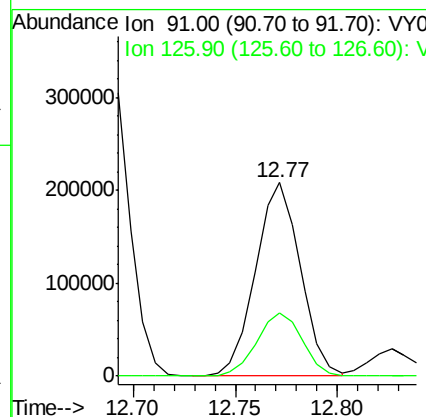
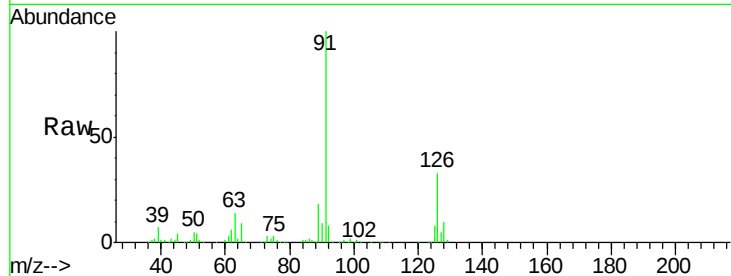
#79
2-Chlorotoluene
Concen: 51.551 ug/l
RT: 12.77 min Scan# 1810
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 318775
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

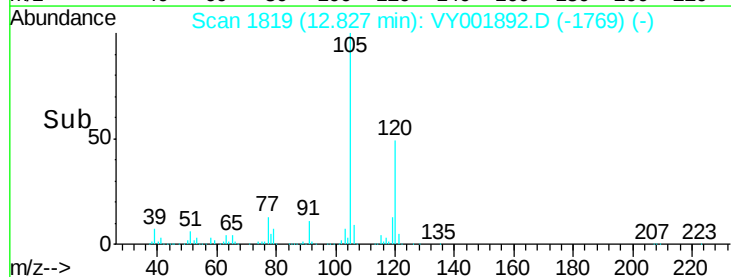
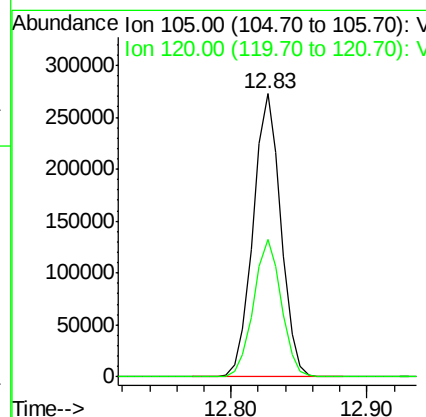
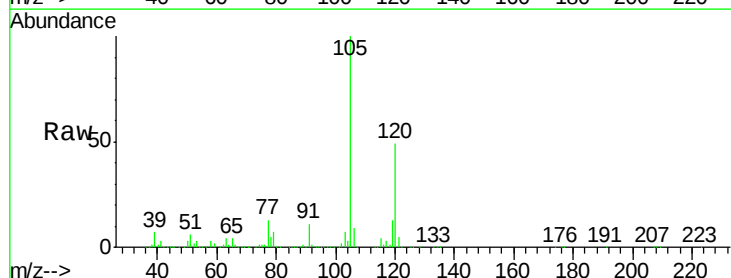
Manual Integrations
APPROVED

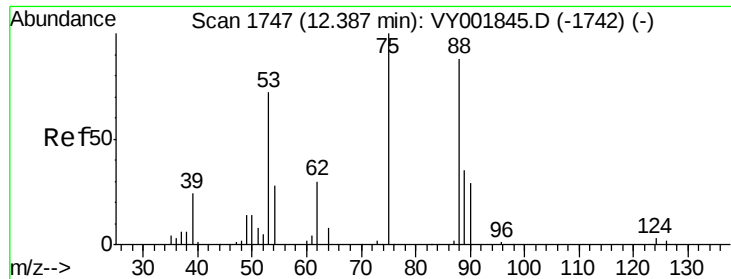
MMDadoda
3/9/2020 11:41:01 AM



#80
1,3,5-Trimethylbenzene
Concen: 52.321 ug/l
RT: 12.83 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion: 105 Resp: 390768
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 54.711 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

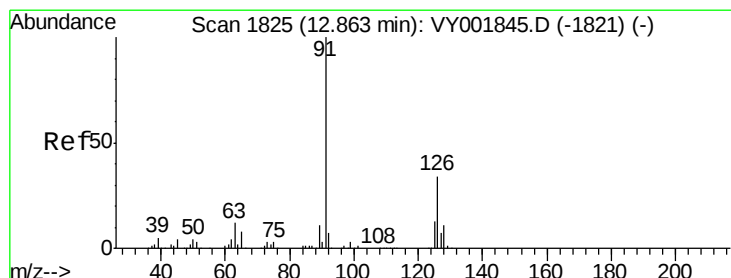
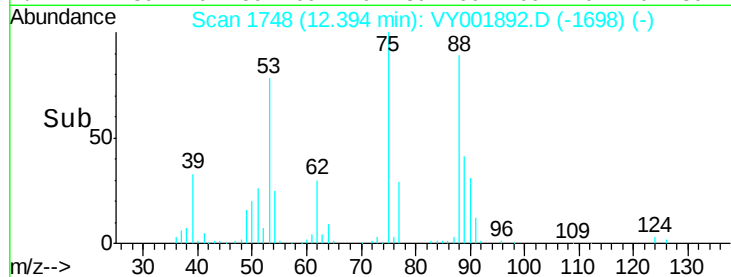
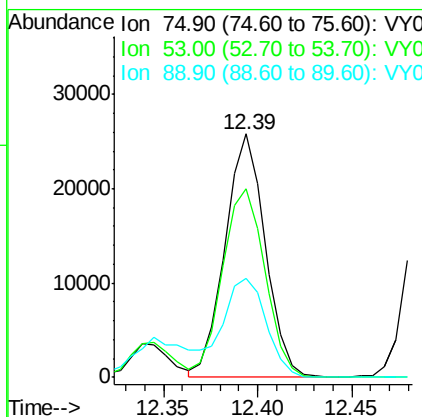
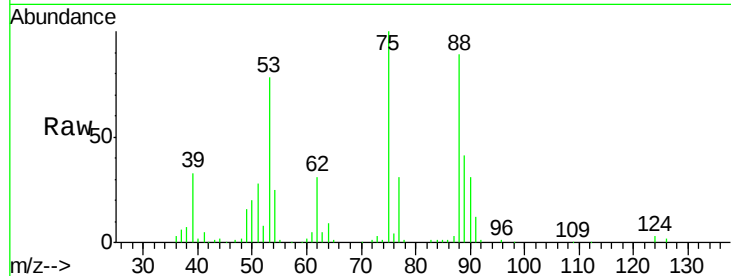
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	38195
Ion Ratio	Lower	Upper	
75	100		
53	82.2	65.4	98.0
89	43.5	36.0	54.0

Manual Integrations
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3/9/2020 11:41:01 AM



#82

4-Chlorotoluene

Concen: 52.504 ug/l

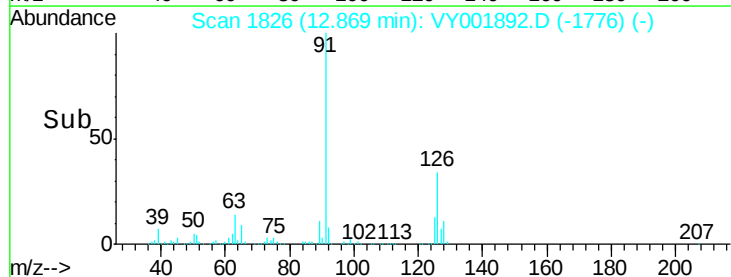
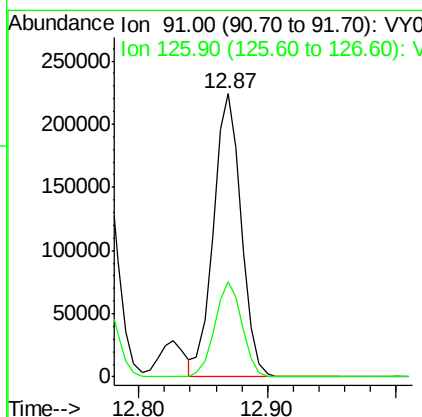
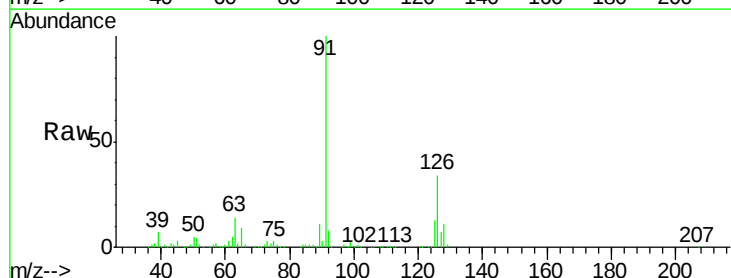
RT: 12.87 min Scan# 1826

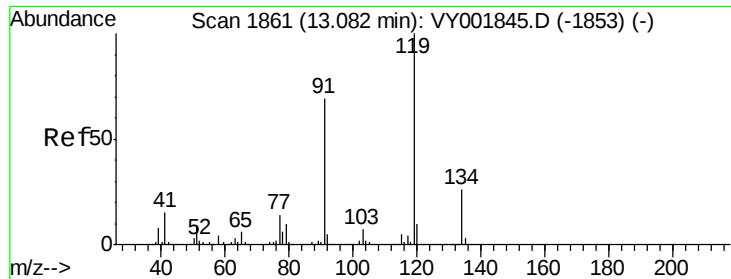
Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	91	Resp:	338044
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.4	49.2





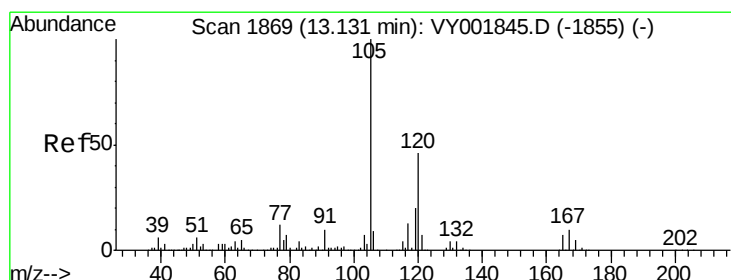
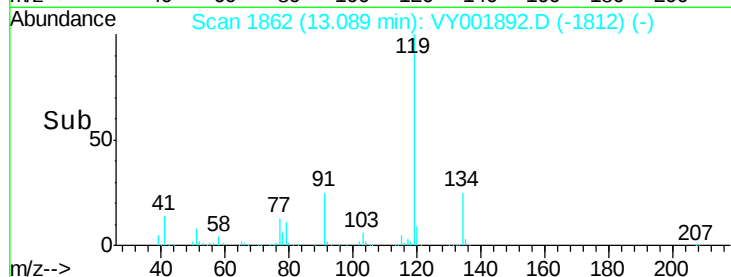
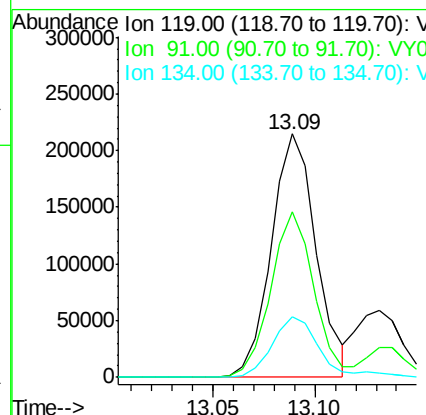
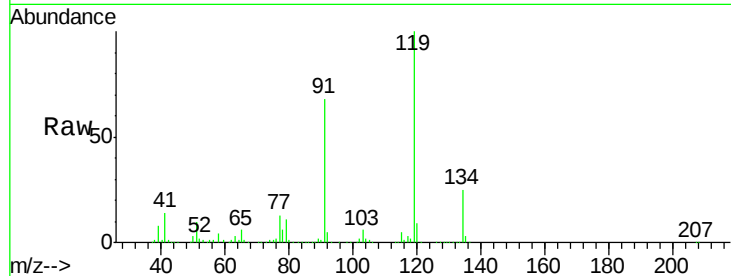
#83
tert-Butylbenzene
Concen: 52.888 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	34.0	101.8
134	26.6	13.5	40.4

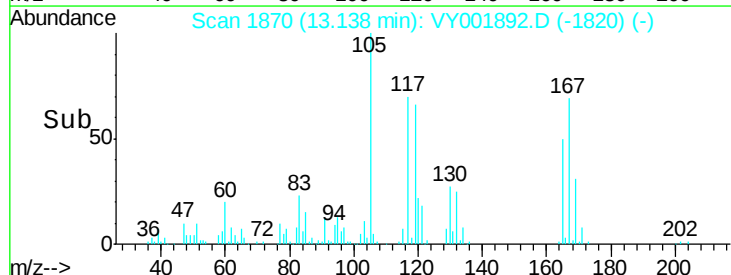
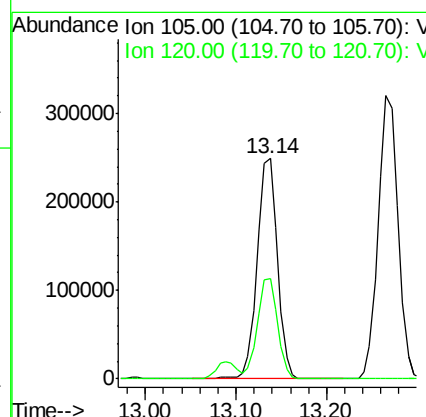
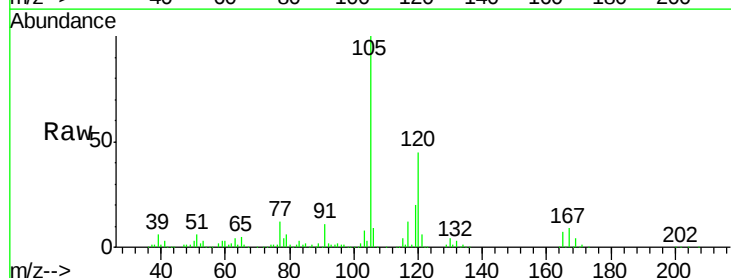
Manual Integrations
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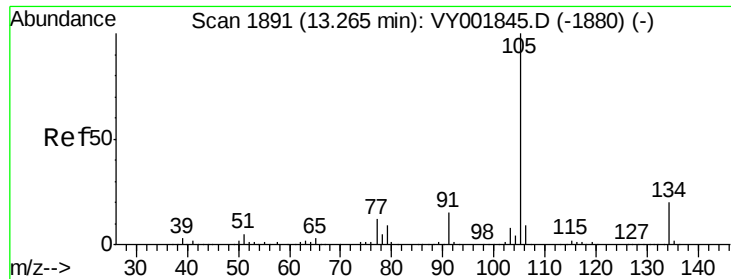
MMDadoda
3/9/2020 11:41:01 AM



#84
1,2,4-Trimethylbenzene
Concen: 52.015 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.7





#85

sec-Butylbenzene

Concen: 53.048 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 485052

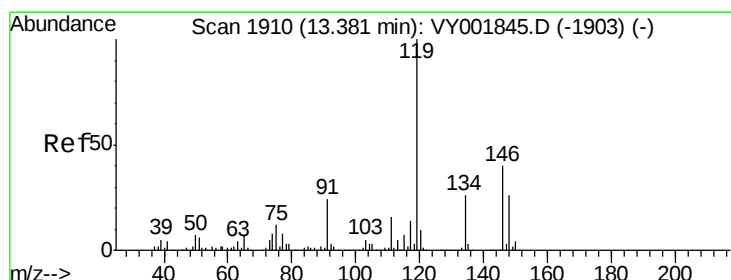
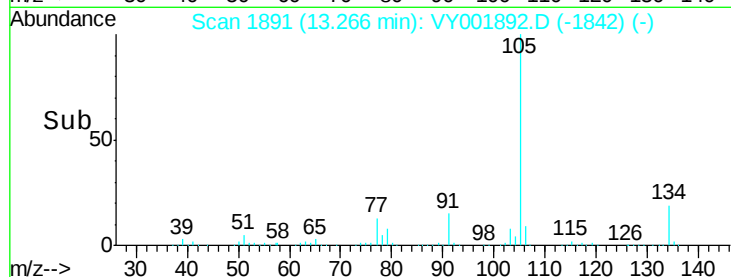
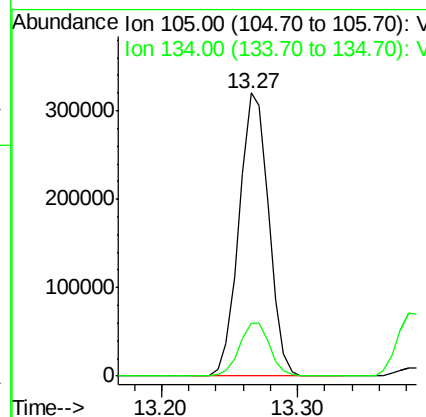
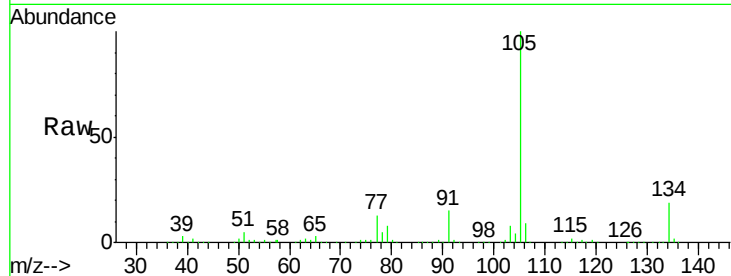
Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.419 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

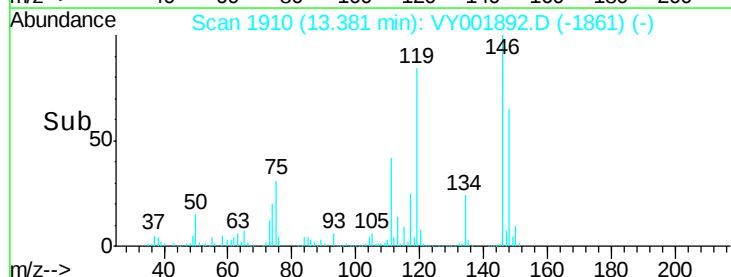
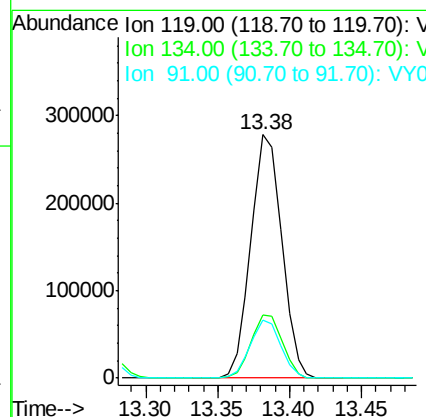
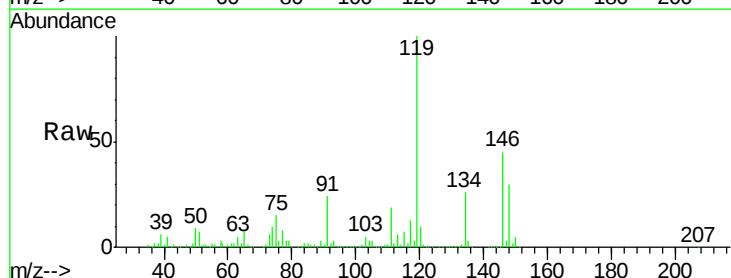
Tgt Ion:119 Resp: 413460

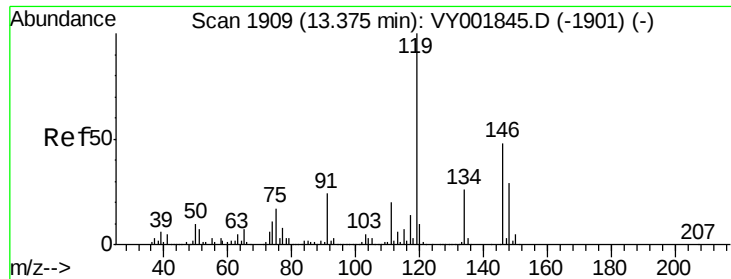
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.5 11.9 35.7





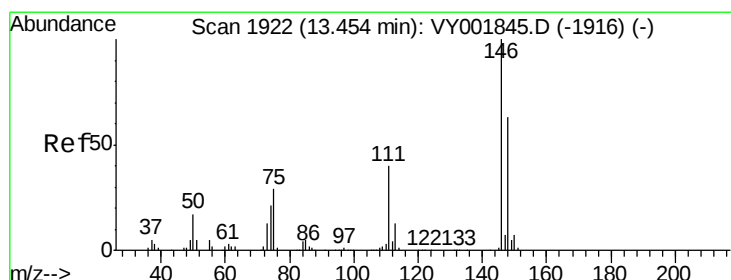
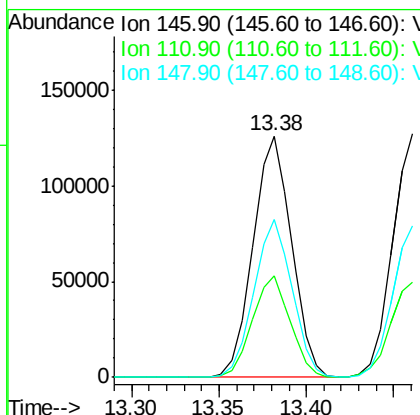
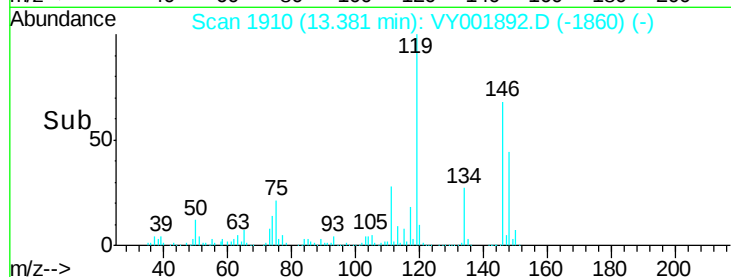
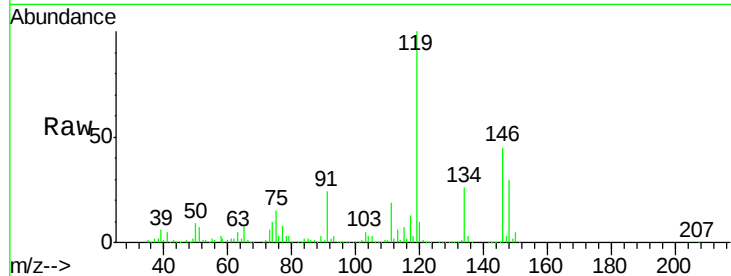
#87
 1,3-Dichlorobenzene
 Concen: 51.177 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	64.6	31.4	94.0

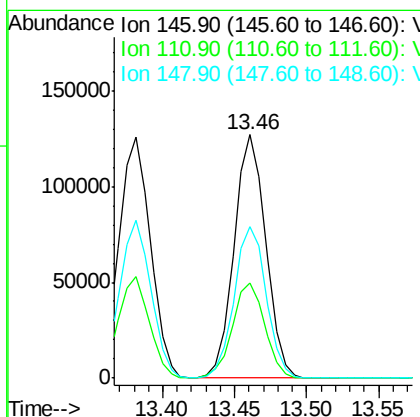
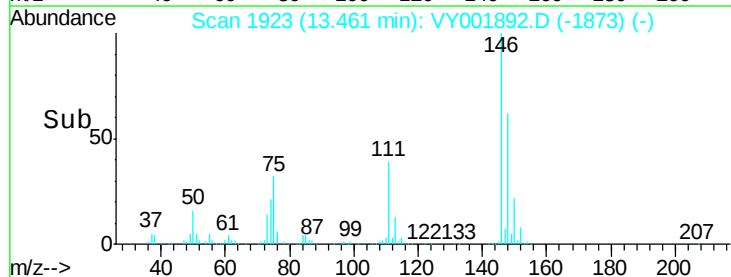
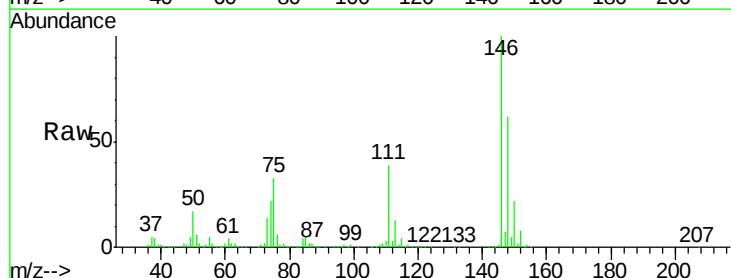
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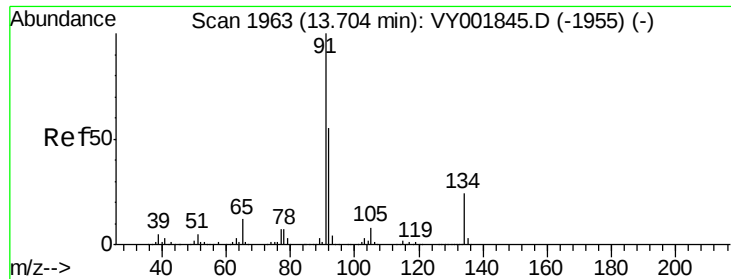
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#88
 1,4-Dichlorobenzene
 Concen: 50.981 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	60.0
148	63.3	31.5	94.5





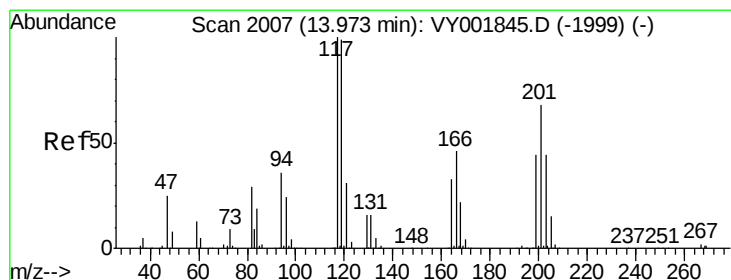
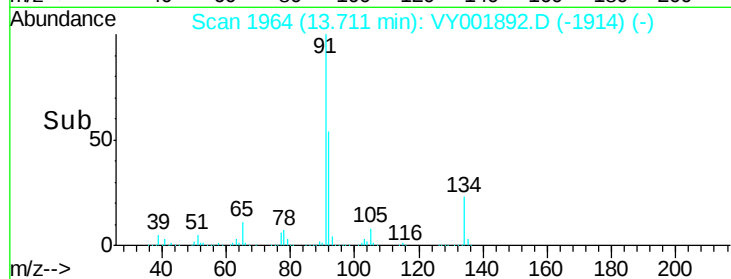
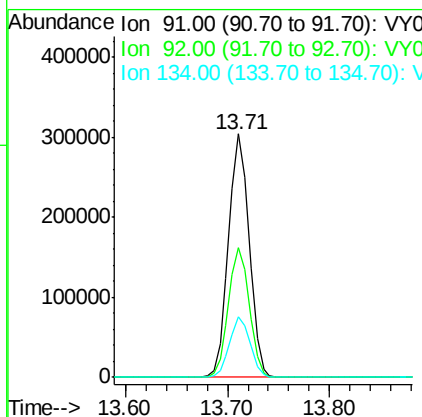
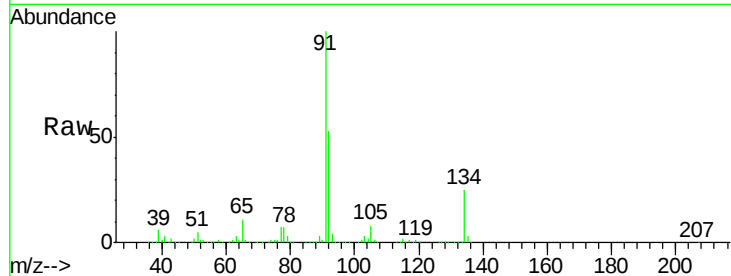
#89
n-Butylbenzene
Concen: 52.011 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	425625		
92	53.6		27.5	82.4
134	24.7		12.5	37.5

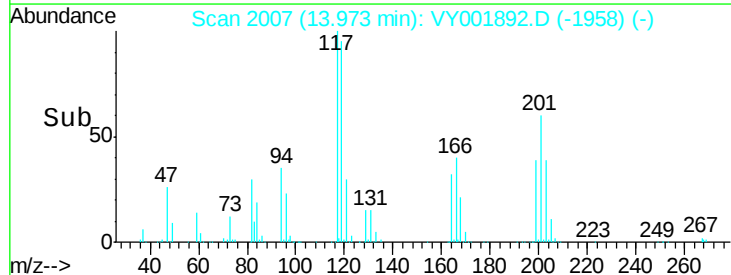
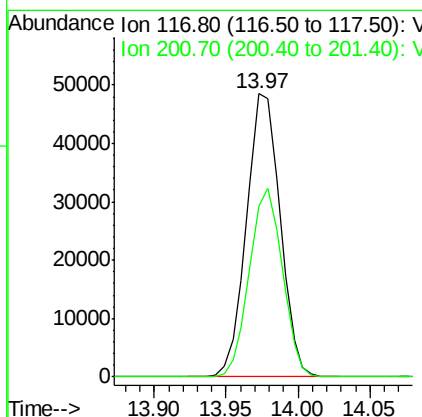
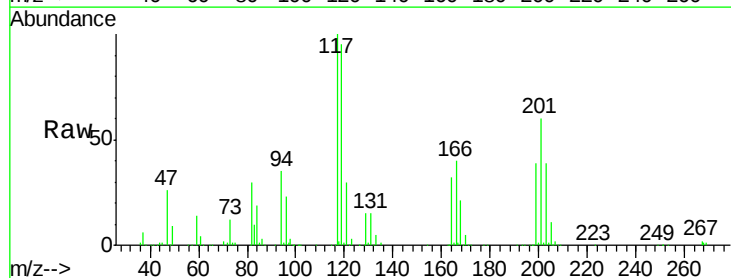
Manual Integrations
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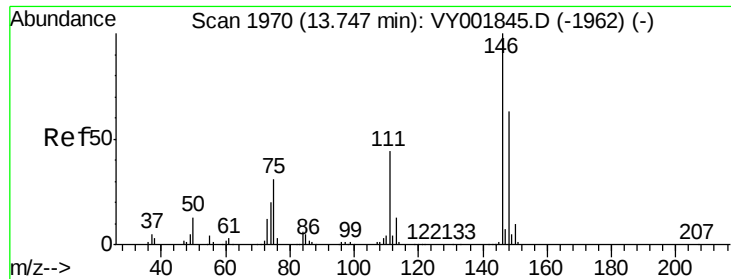
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#90
Hexachloroethane
Concen: 52.766 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	78516		
201	65.2		32.5	97.5





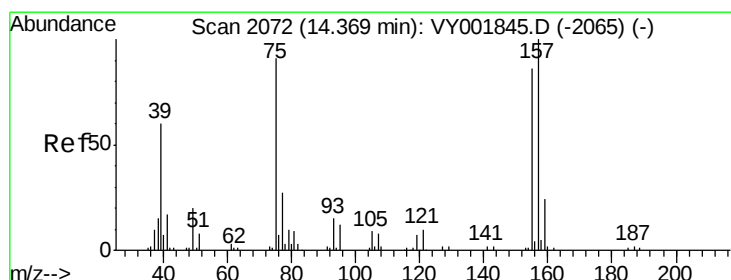
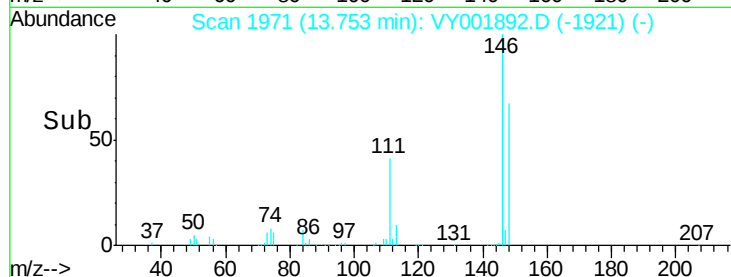
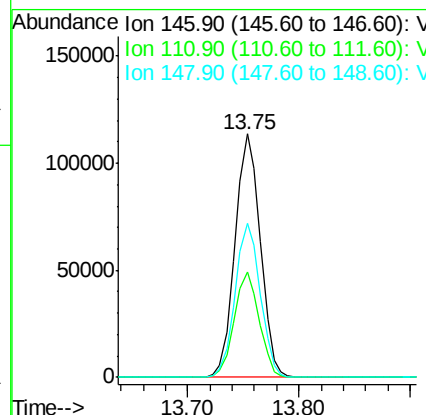
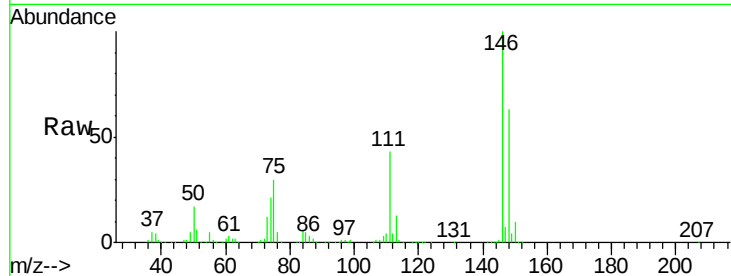
#91
 1,2-Dichlorobenzene
 Concen: 52.000 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.1	32.0	96.0

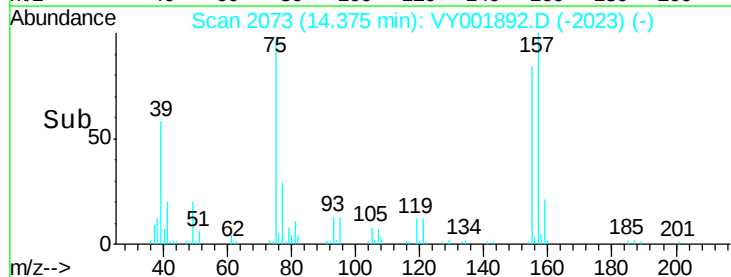
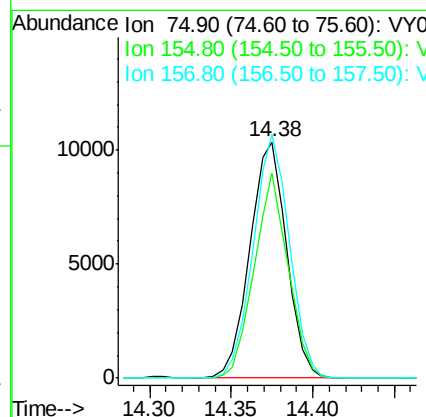
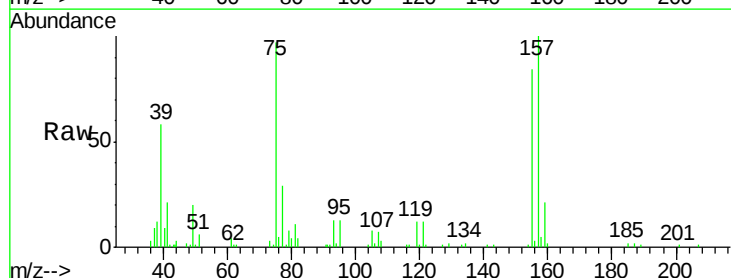
Manual Integrations
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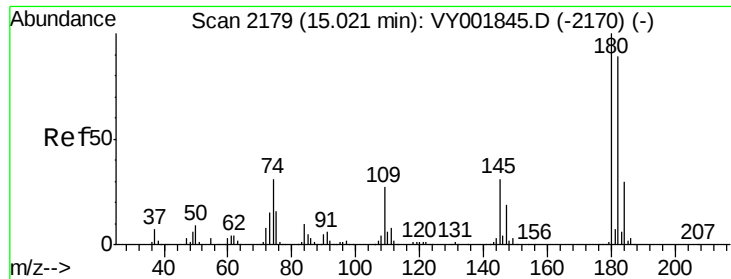
MMDadoda
 3/9/2020 11:41:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.081 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001892.D
 Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	42.9	128.7
157	101.4	53.1	159.4





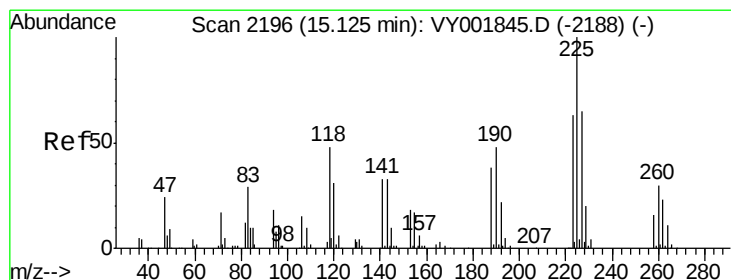
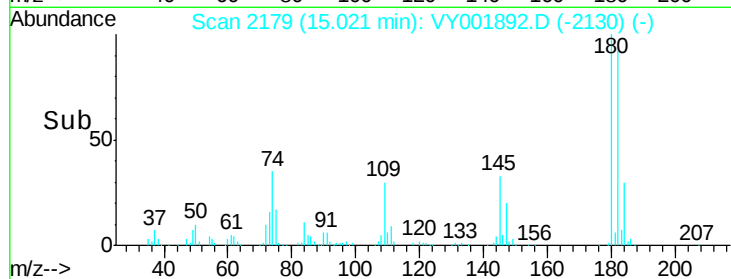
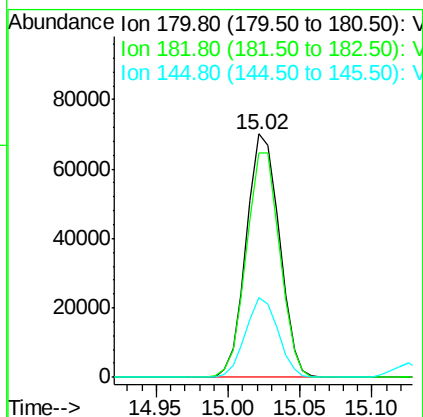
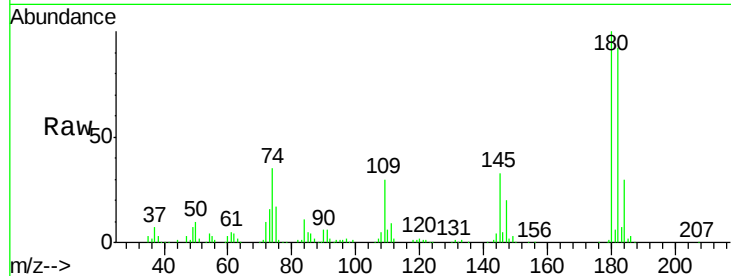
#93
1,2,4-Trichlorobenzene
Concen: 50.316 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111660		
182	93.1	46.1	138.3	
145	32.3	15.6	46.8	

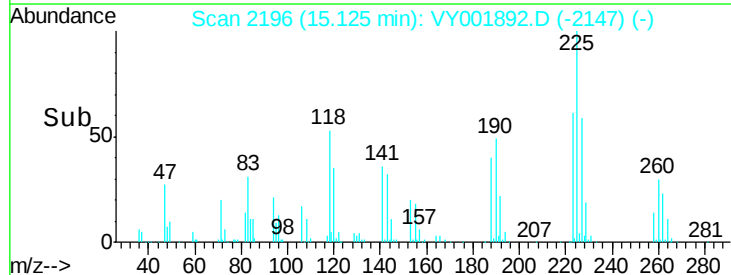
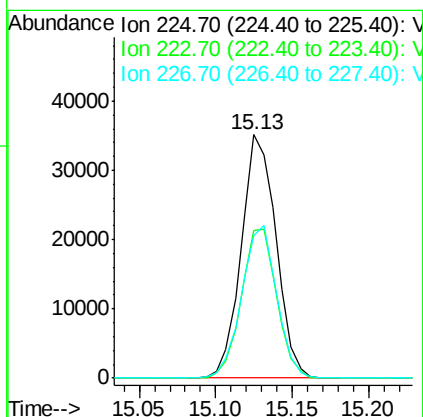
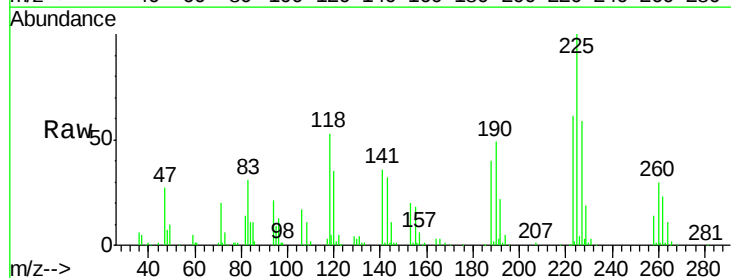
Manual Integrations
APPROVED

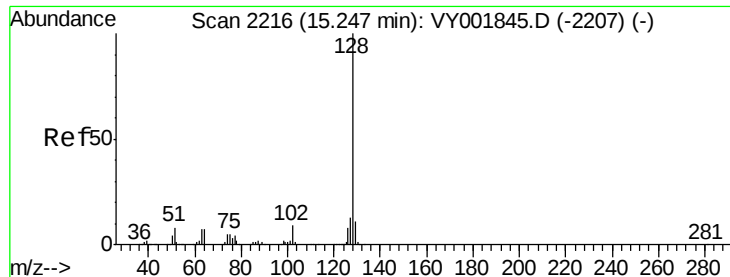
MMDadoda
3/9/2020 11:41:01 AM



#94
Hexachlorobutadiene
Concen: 51.219 ug/l
RT: 15.13 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VY001892.D
Acq: 06 Mar 2020 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55415		
223	62.2	31.5	94.5	
227	63.1	31.9	95.5	





#95

Naphthalene

Concen: 50.446 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Instrument :

MSVOA_Y

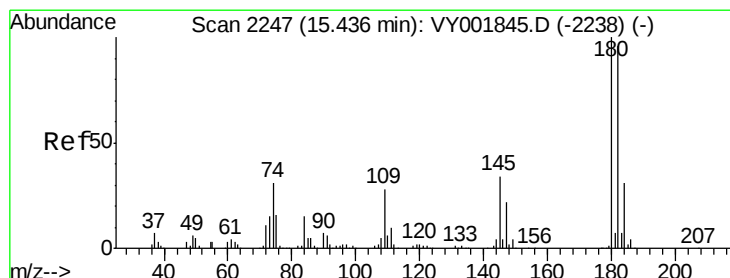
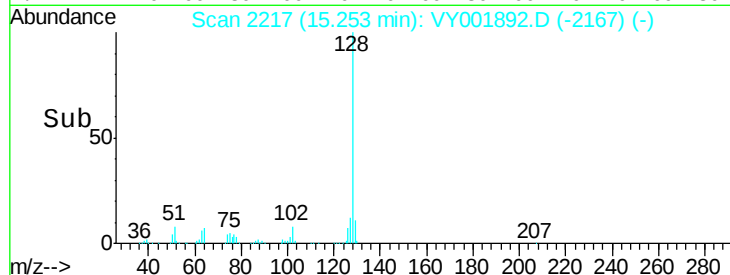
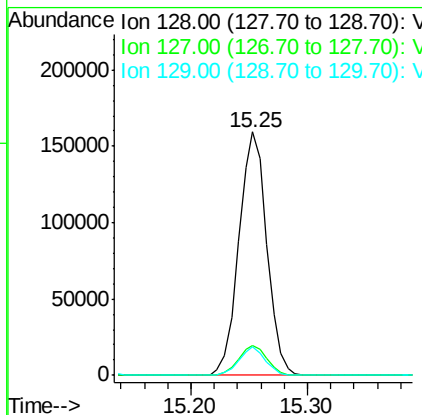
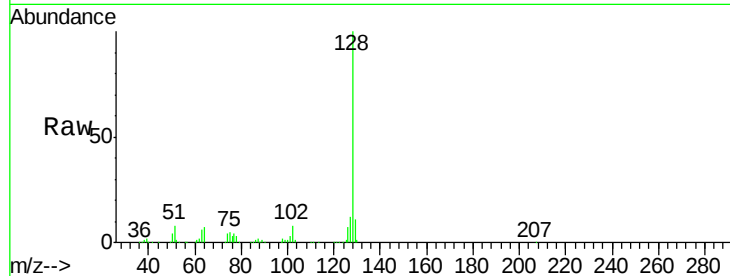
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	265536
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/9/2020 11:41:01 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.006 ug/l

RT: 15.44 min Scan# 2248

Delta R.T. 0.01 min

Lab File: VY001892.D

Acq: 06 Mar 2020 10:33

Tgt Ion:	180	Resp:	99714
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.6	142.9
145	32.8	16.8	50.3

