

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002600.D
 Acq On : 05 May 2020 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 10:26:37 AM

Quant Time: May 06 08:03:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	364107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	567187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	516727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	262355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	161099	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.75	113	170325	52.51	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.19	98	650964	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.49	95	224552	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	148017	49.227	ug/l	98
3) Chloromethane	2.13	50	158982	53.893	ug/l	99
4) Vinyl Chloride	2.27	62	178969	52.541	ug/l	100
5) Bromomethane	2.66	94	128039	54.507	ug/l	100
6) Chloroethane	2.81	64	110082	54.124	ug/l	99
7) Trichlorofluoromethane	3.15	101	273007	51.714	ug/l	100
8) Diethyl Ether	3.55	74	103532	58.358	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.93	101	168796	52.315	ug/l	99
10) Methyl Iodide	4.12	142	255428	58.108	ug/l	99
11) Tert butyl alcohol	4.99	59	75769	240.557	ug/l	100
12) 1,1-Dichloroethene	3.90	96	170006	54.238	ug/l	97
13) Acrolein	3.75	56	45467	208.751	ug/l	97
14) Allyl chloride	4.51	41	258980	56.708	ug/l	98
15) Acrylonitrile	5.20	53	233316	278.879	ug/l	99
16) Acetone	3.97	43	164554	260.443	ug/l	100
17) Carbon Disulfide	4.22	76	515954	54.717	ug/l	100
18) Methyl Acetate	4.51	43	116024	54.960	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	463625	56.694	ug/l	97
20) Methylene Chloride	4.75	84	190857	54.018	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	190663	55.654	ug/l	98
22) Diisopropyl ether	6.15	45	539106	58.341	ug/l	97
23) Vinyl Acetate	6.10	43	1661629	285.928	ug/l	99
24) 1,1-Dichloroethane	6.05	63	313593	57.365	ug/l	100
25) 2-Butanone	7.02	43	279922	270.651	ug/l	98
26) 2,2-Dichloropropane	7.01	77	256016	49.269	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	214676	56.633	ug/l	98
28) Bromochloromethane	7.36	49	129726	57.918	ug/l	98
29) Tetrahydrofuran	7.37	42	192137	280.787	ug/l	100
30) Chloroform	7.53	83	318383	56.013	ug/l	99
31) Cyclohexane	7.81	56	280272	50.934	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	282984	53.563	ug/l	100
36) 1,1-Dichloropropene	7.94	75	243620	51.237	ug/l	100
37) Ethyl Acetate	7.10	43	130942	53.591	ug/l	99
38) Carbon Tetrachloride	7.92	117	263668	50.793	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	315814	50.288	ug/l	98
40) Benzene	8.18	78	736058	53.598	ug/l	99
41) Methacrylonitrile	7.35	41	61303m	46.664	ug/l	
42) 1,2-Dichloroethane	8.26	62	201147	52.218	ug/l	98
43) Isopropyl Acetate	8.30	43	248004	54.142	ug/l	100
44) Trichloroethene	8.96	130	229214	53.408	ug/l	100
45) 1,2-Dichloropropane	9.24	63	181129	54.650	ug/l	100
46) Dibromomethane	9.33	93	103305	54.173	ug/l	99
47) Bromodichloromethane	9.52	83	251264	54.189	ug/l	99
48) Methyl methacrylate	9.31	41	114491	55.228	ug/l	98
49) 1,4-Dioxane	9.31	88	26637	1054.989	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	634753	268.846	ug/l	99
52) Toluene	10.26	92	472352	53.520	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	262540	54.040	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	302578	53.874	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	150291	54.045	ug/l	98
56) Ethyl methacrylate	10.52	69	206749	55.887	ug/l	98
57) 1,3-Dichloropropane	10.80	76	254313	53.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	525099	269.158	ug/l	99
59) 2-Hexanone	10.85	43	441954	271.968	ug/l	100
60) Dibromochloromethane	11.00	129	191434	54.125	ug/l	99
61) 1,2-Dibromoethane	11.10	107	148451	53.913	ug/l	99
64) Tetrachloroethene	10.73	164	252779	55.058	ug/l	98
65) Chlorobenzene	11.53	112	521326	53.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	197770	54.238	ug/l	99
67) Ethyl Benzene	11.60	91	910718	52.781	ug/l	99
68) m/p-Xylenes	11.71	106	707550	105.980	ug/l	100
69) o-Xylene	12.04	106	336882	53.892	ug/l	98
70) Styrene	12.05	104	583565	54.608	ug/l	99
71) Bromoform	12.22	173	119993	53.020	ug/l #	99
73) Isopropylbenzene	12.34	105	897174	52.765	ug/l	100
74) N-amyl acetate	12.16	43	229635	56.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	137407	50.814	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	113701m	48.768	ug/l	
77) Bromobenzene	12.62	156	226811	53.392	ug/l	99
78) n-propylbenzene	12.68	91	1038899	52.651	ug/l	100
79) 2-Chlorotoluene	12.77	91	580182	53.082	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	754371	53.523	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60215	51.788	ug/l	97
82) 4-Chlorotoluene	12.86	91	606587	52.833	ug/l	100
83) tert-Butylbenzene	13.08	119	661271	53.509	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	751531	53.503	ug/l	100
85) sec-Butylbenzene	13.27	105	901119	52.548	ug/l	100
86) p-Isopropyltoluene	13.38	119	843597	52.502	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	425026	52.863	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	424158	53.277	ug/l	100
89) n-Butylbenzene	13.70	91	765161	52.310	ug/l	100
90) Hexachloroethane	13.97	117	159521	54.516	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	385882	53.787	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	25674	50.934	ug/l	96

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Instrument :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	276571	53.099	ug/l	100
94) Hexachlorobutadiene	15.12	225	162961	52.123	ug/l	99
95) Naphthalene	15.25	128	519522	54.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	239057	54.064	ug/l	100

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

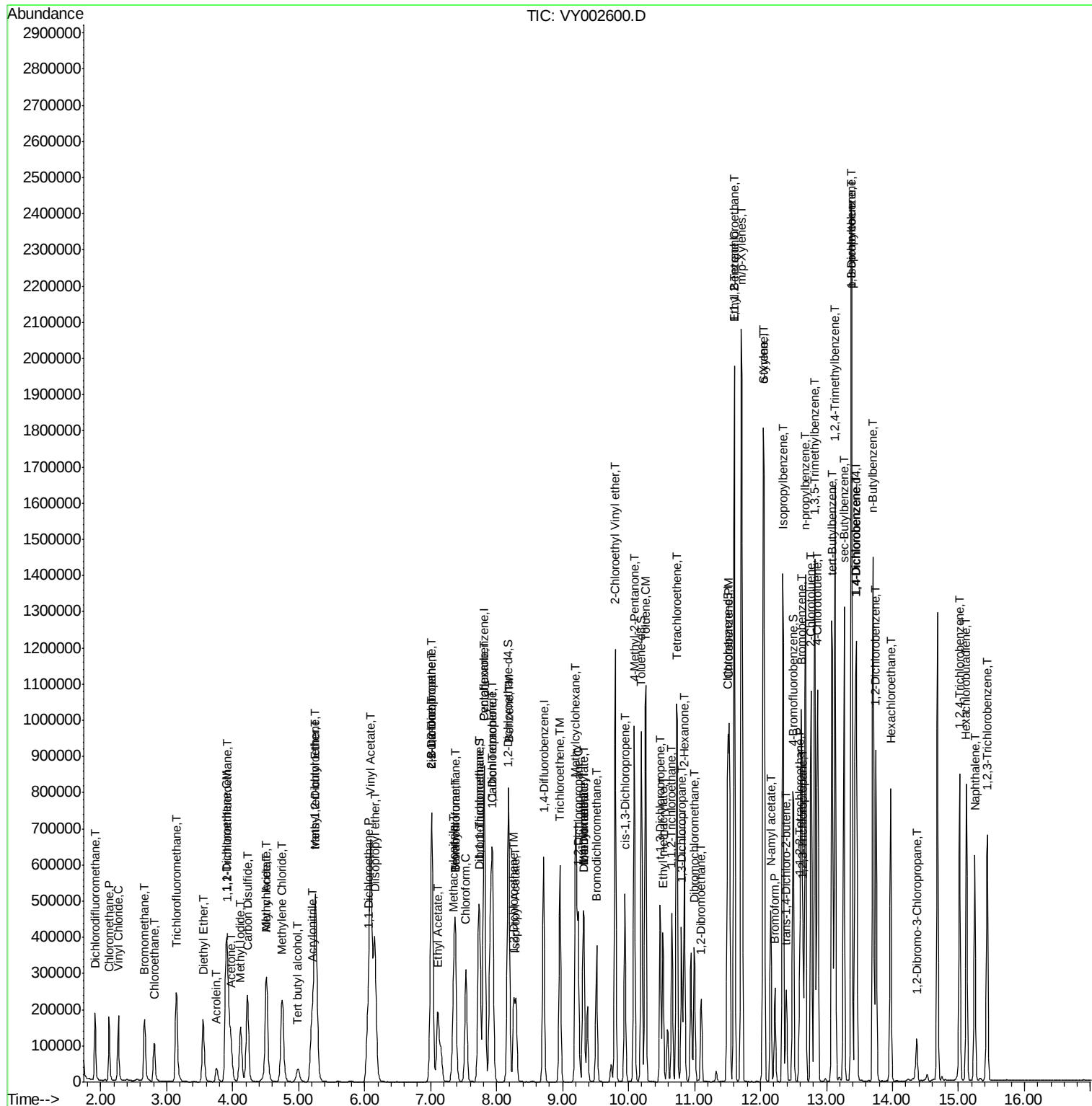
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
Data File : VY002600.D
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Operator : SY/MD
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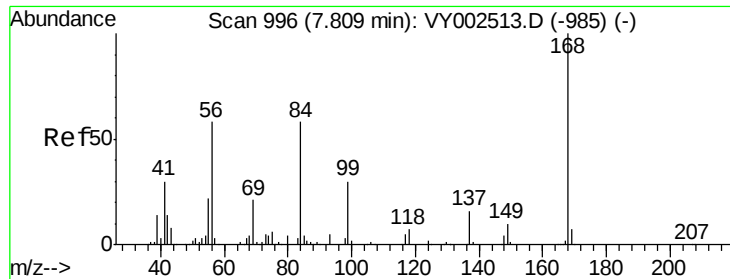
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 364107

Ion Ratio Lower Upper

168 100

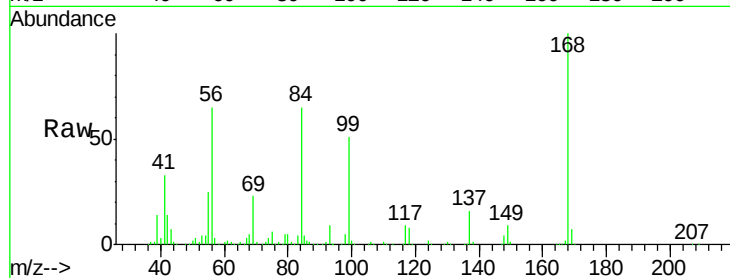
99 50.9 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002600.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002600.D (-947) (-)

7.82

150000

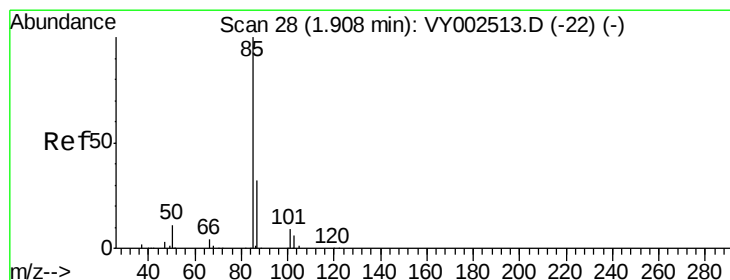
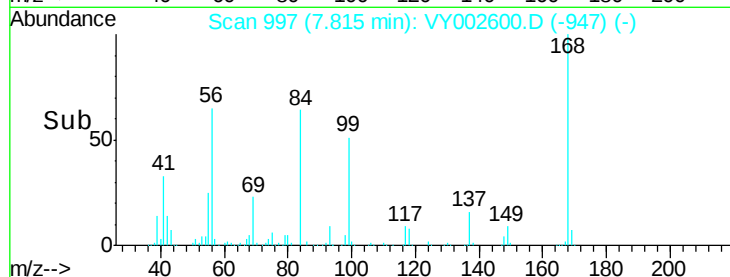
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.227 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002600.D

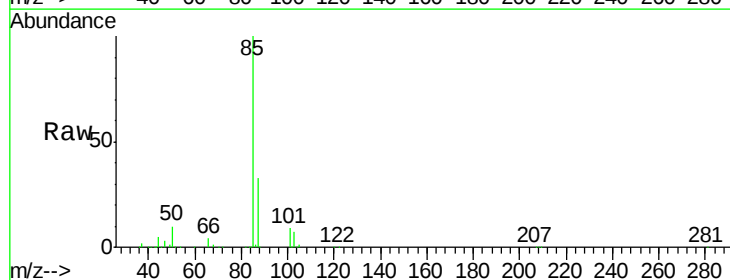
Acq: 05 May 2020 21:02

Tgt Ion: 85 Resp: 148017

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002600.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002600.D (-1) (-)

1.91

120000

100000

80000

60000

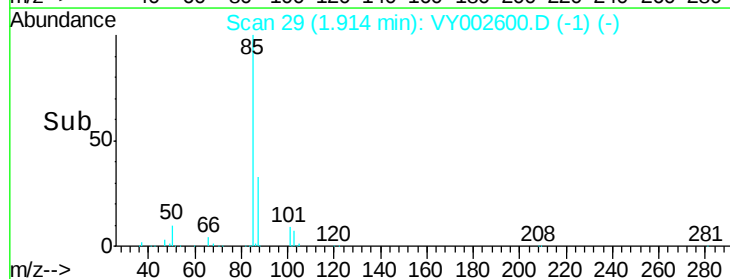
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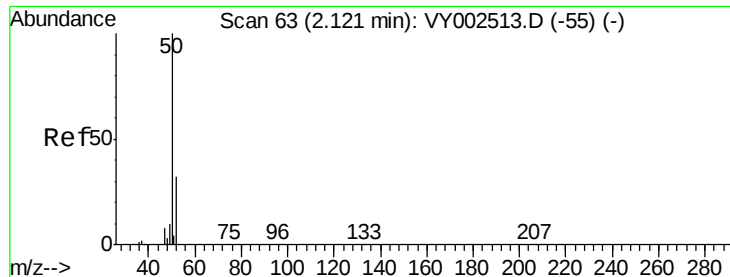
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 53.893 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 158982

Ion Ratio Lower Upper

50 100

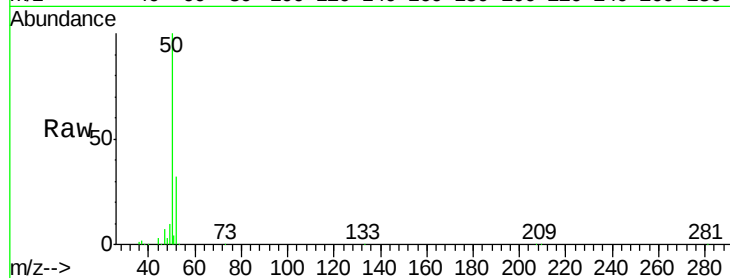
52 31.8 25.9 38.9

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

120000

100000

80000

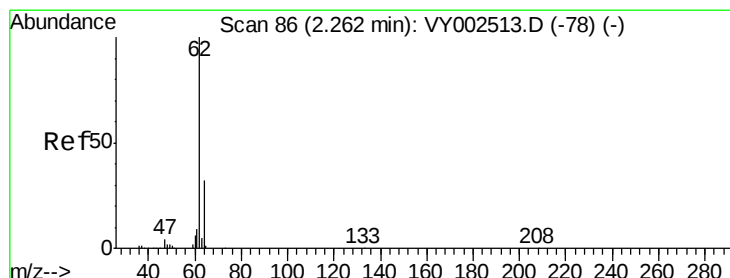
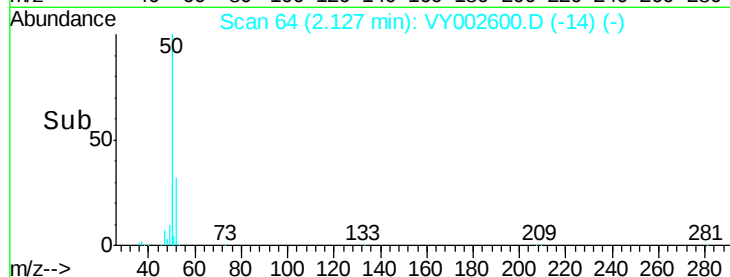
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 52.541 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002600.D

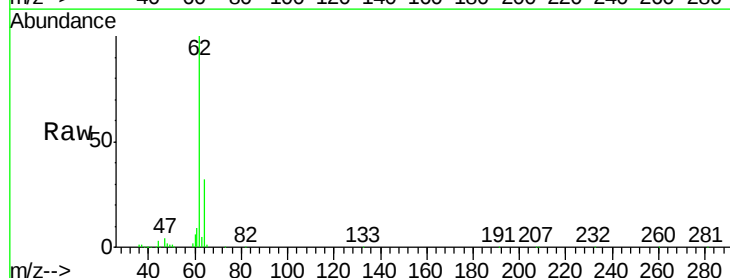
Acq: 05 May 2020 21:02

Tgt Ion: 62 Resp: 178969

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

120000

100000

80000

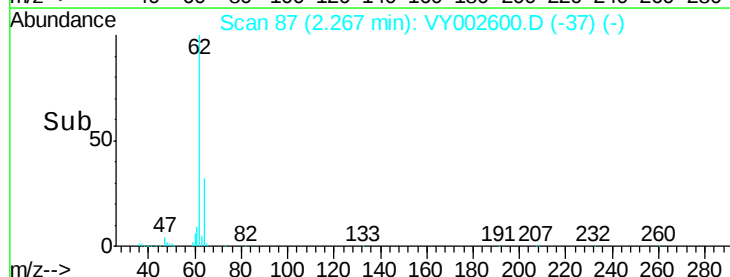
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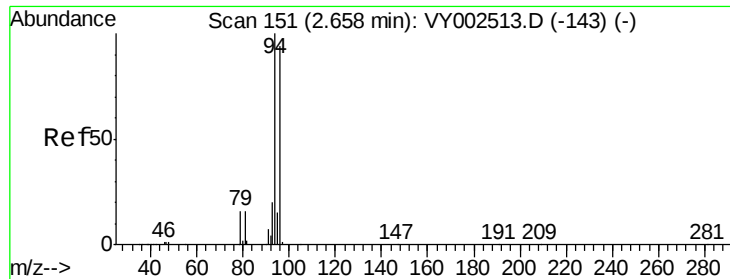
40000

20000

0

Time-->





#5

Bromomethane

Concen: 54.507 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 128039

Ion Ratio Lower Upper

94 100

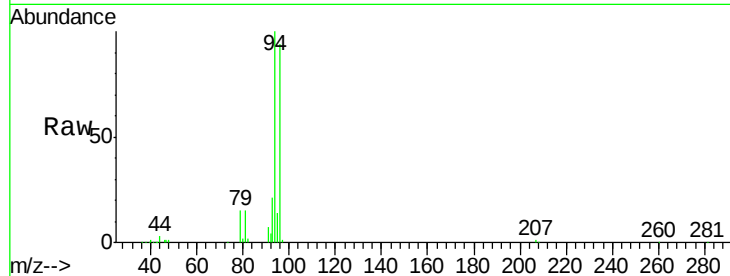
96 93.9 74.9 112.3

Manual Integrations

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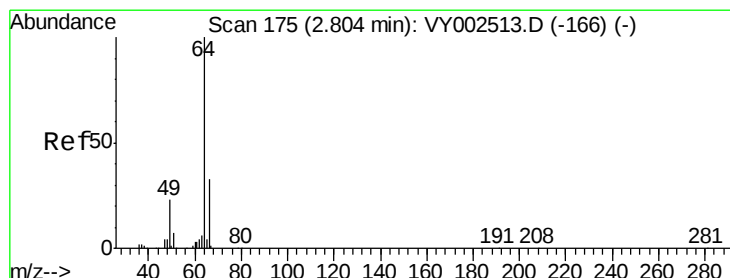
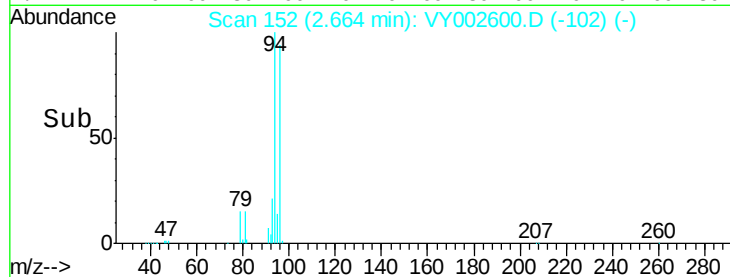
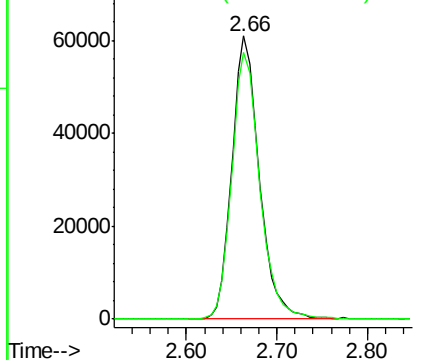
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 54.124 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002600.D

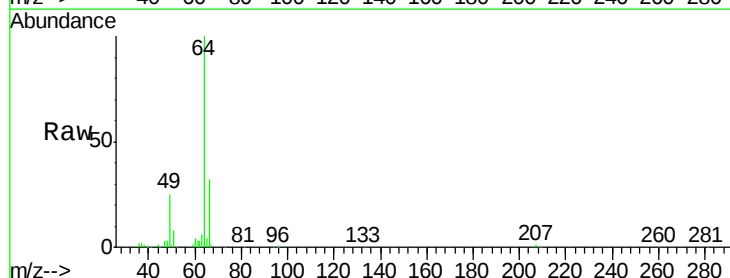
Acq: 05 May 2020 21:02

Tgt Ion: 64 Resp: 110082

Ion Ratio Lower Upper

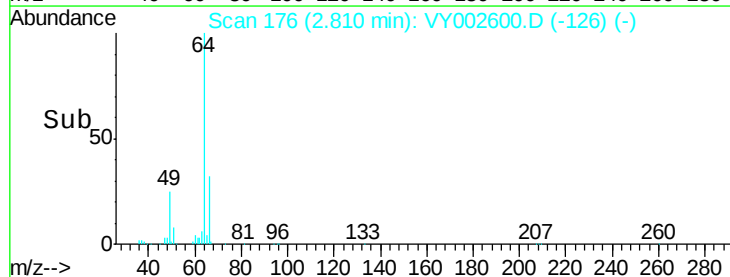
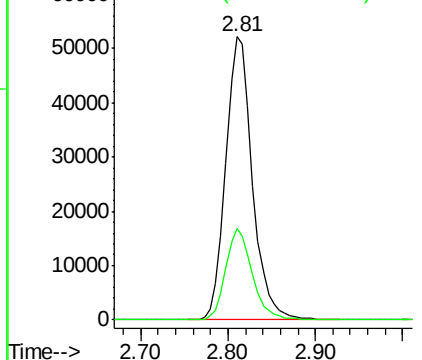
64 100

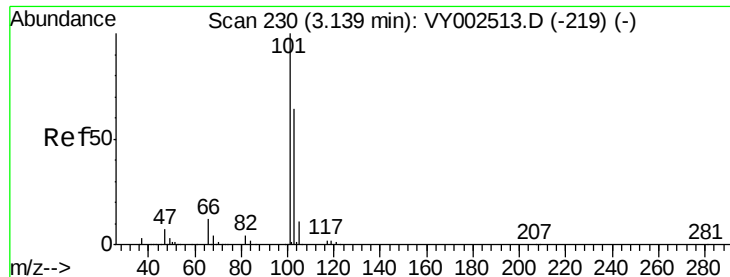
66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

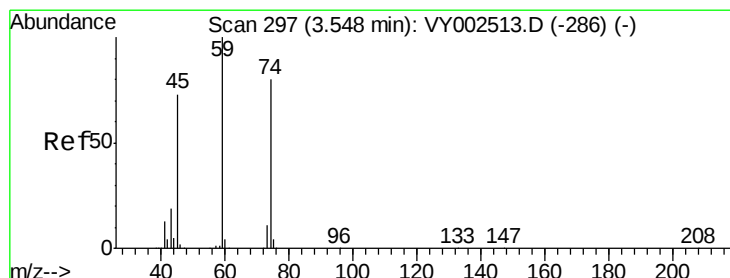
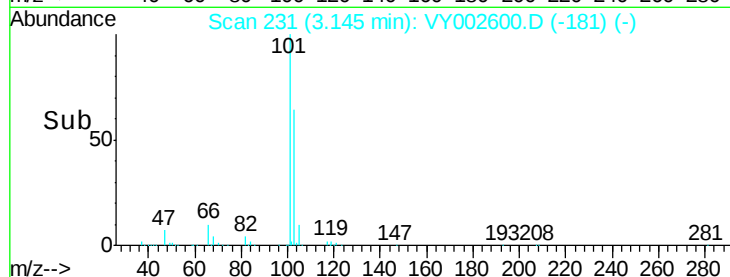
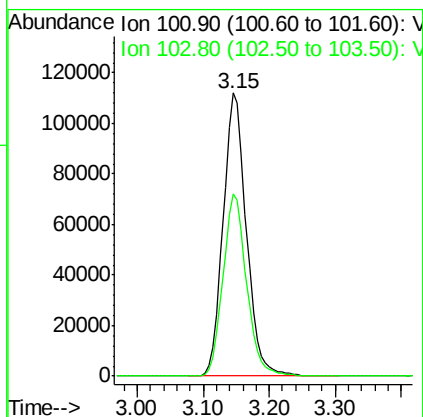
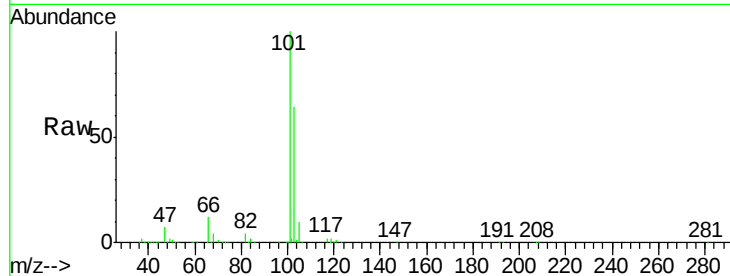
Trichlorofluoromethane
Concen: 51.714 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
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Tot Ion:101 Resp: 273007
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

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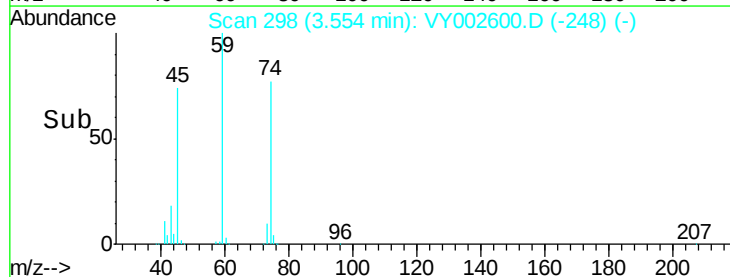
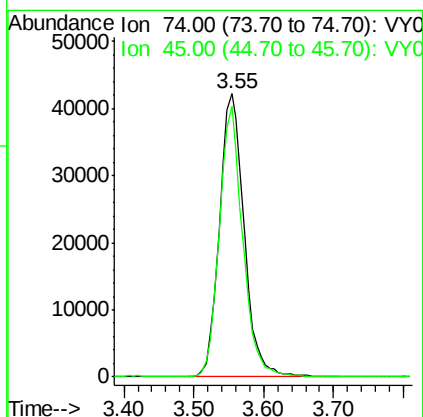
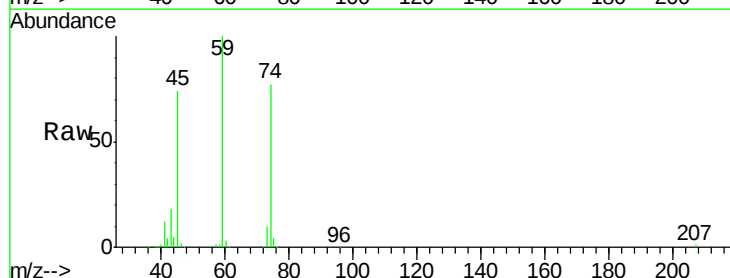
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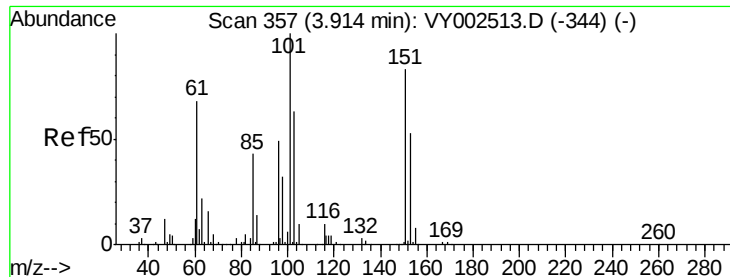


#8

Diethyl Ether
Concen: 58.358 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 74 Resp: 103532
Ion Ratio Lower Upper
74 100
45 90.7 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.315 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

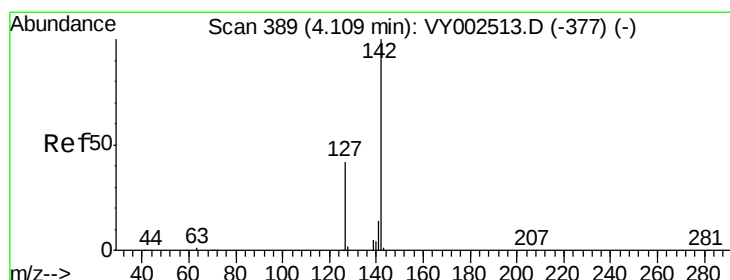
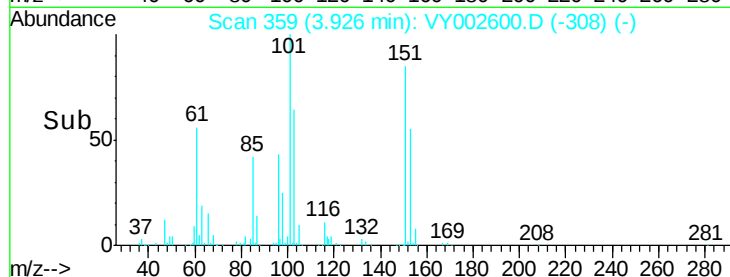
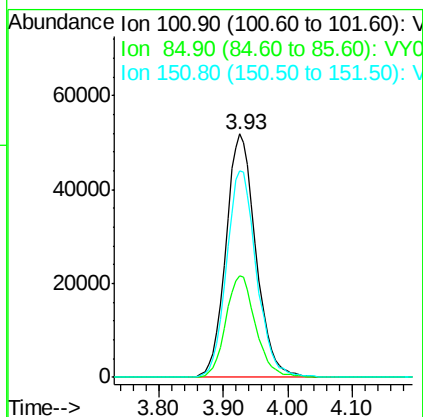
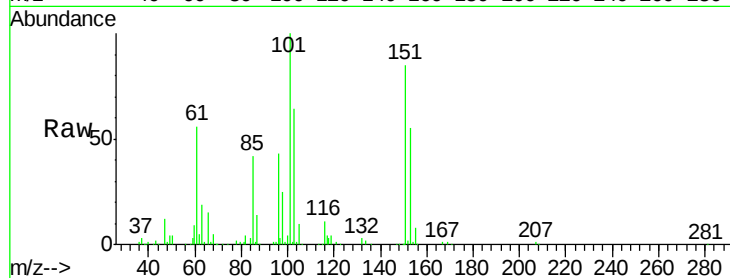
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	168796
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.4	50.2
151	85.0	66.8	100.2

Manual Integrations
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MMDadoda
5/6/2020 10:26:37 AM



#10

Methyl Iodide

Concen: 58.108 ug/l

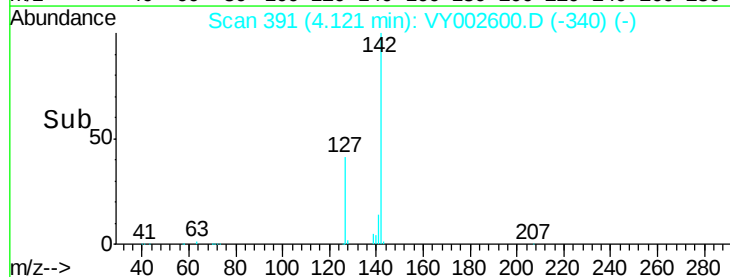
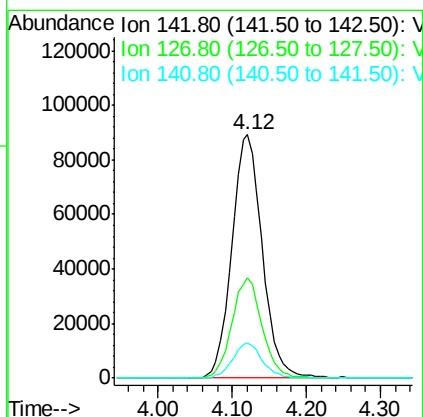
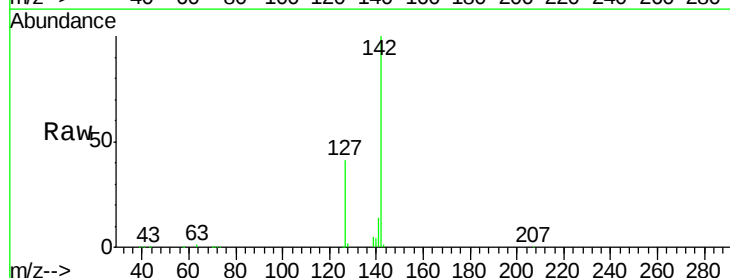
RT: 4.12 min Scan# 391

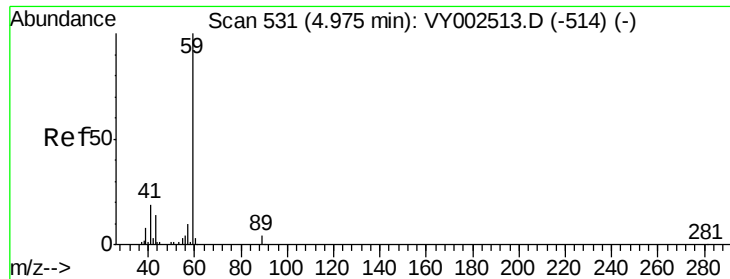
Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion:	142	Resp:	255428
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.7	50.5
141	14.0	11.4	17.0





#11

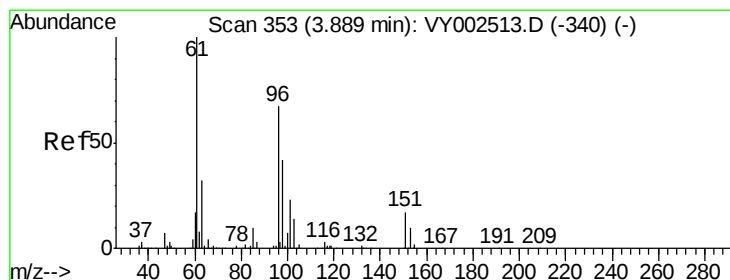
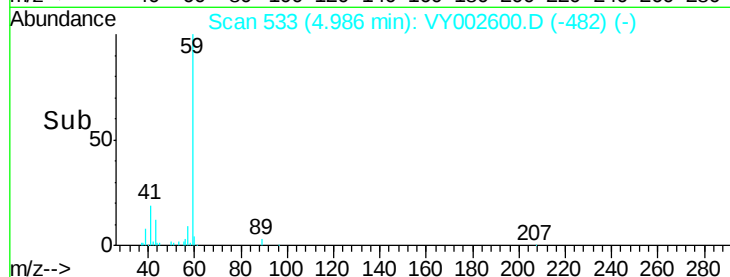
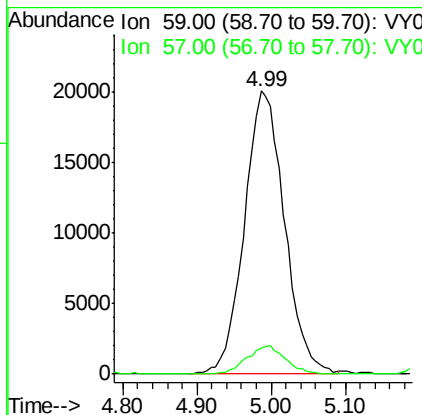
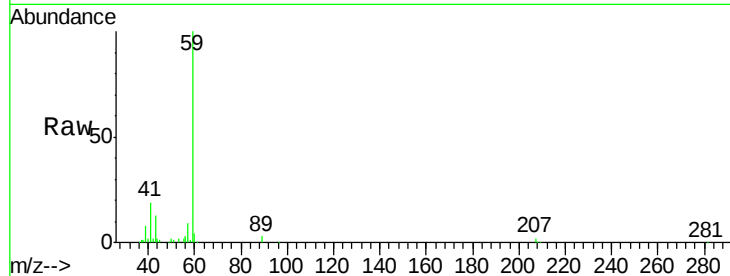
Tert butyl alcohol
 Concen: 240.557 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.6	7.8	11.6

Manual Integrations
 APPROVED

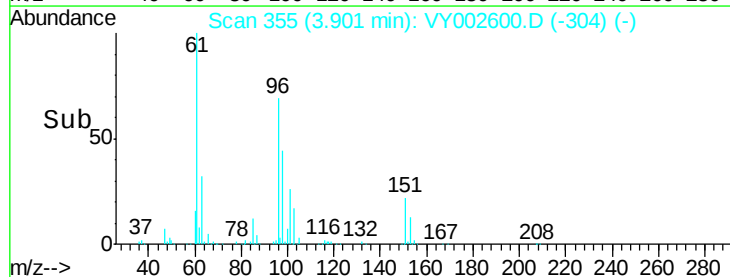
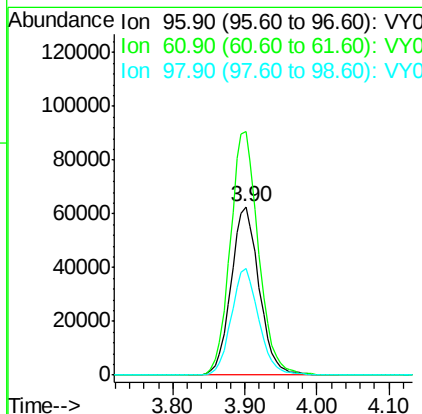
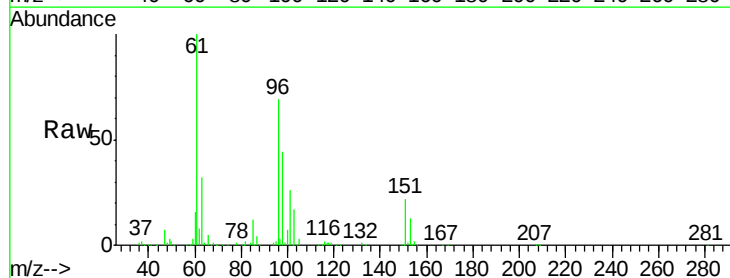
MMDadoda
 5/6/2020 10:26:37 AM

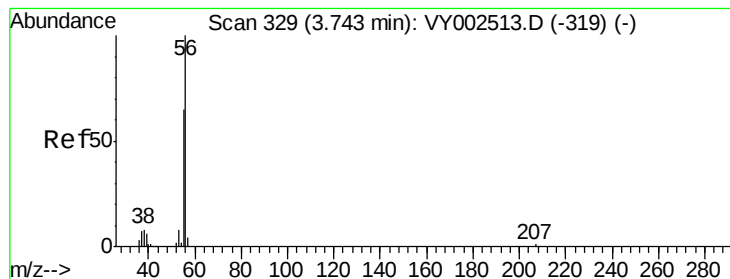


#12

1,1-Dichloroethene
 Concen: 54.238 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	144.6	118.8	178.2
98	98	63.0	49.6	74.4





#13

Acrolein

Concen: 208.751 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 45467

Ion Ratio Lower Upper

56 100

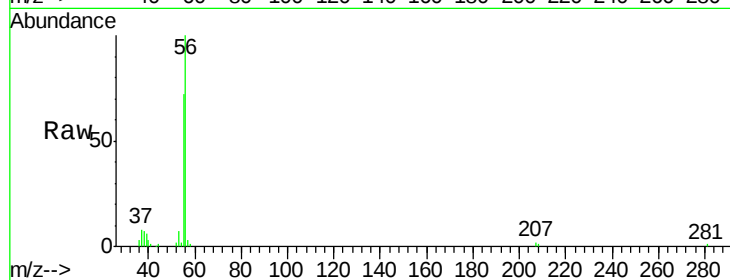
55 69.7 53.8 80.6

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

20000

15000

10000

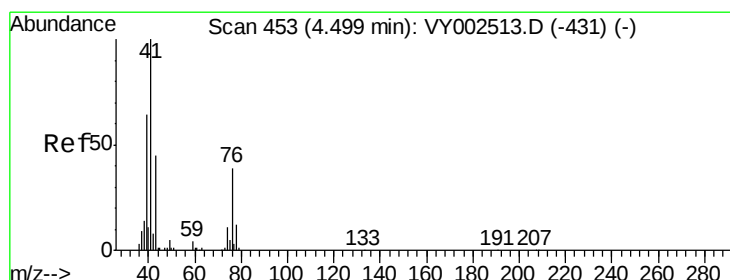
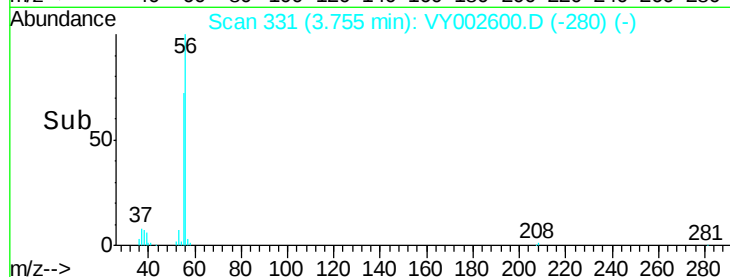
5000

0

3.75

3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 56.708 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

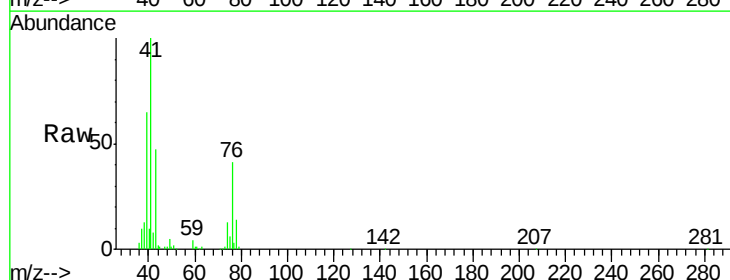
Tgt Ion: 41 Resp: 258980

Ion Ratio Lower Upper

41 100

39 62.8 51.8 77.6

76 39.6 31.7 47.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

100000

80000

60000

40000

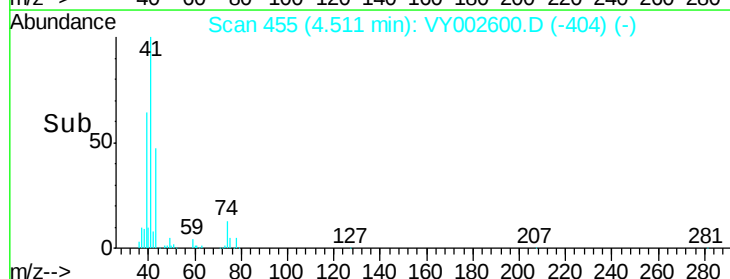
20000

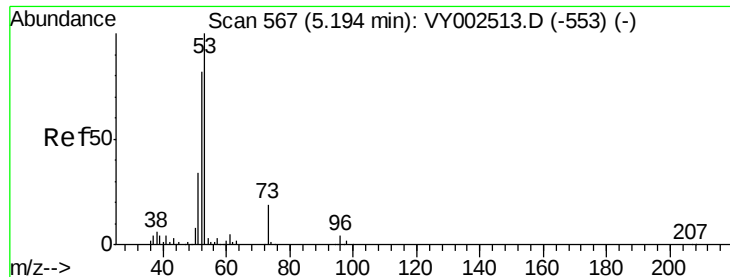
0

4.51

4.30 4.40 4.50 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 278.879 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

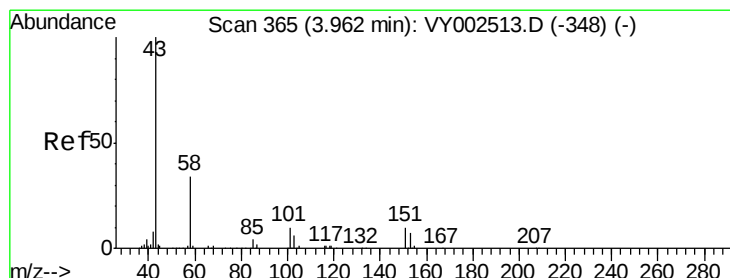
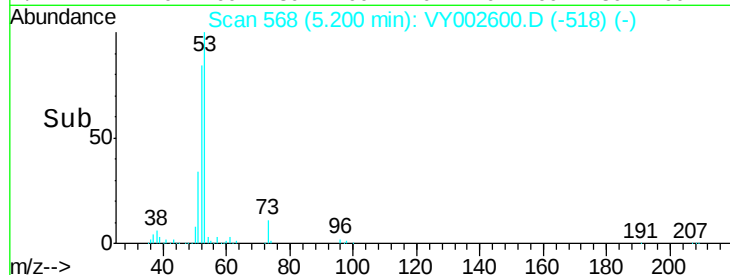
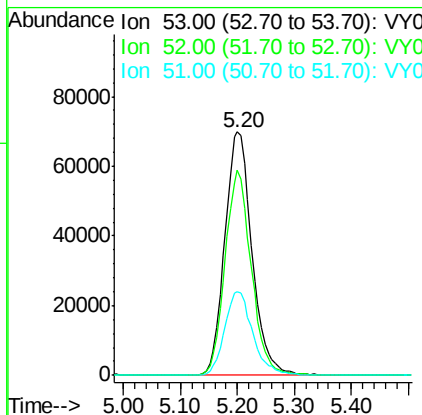
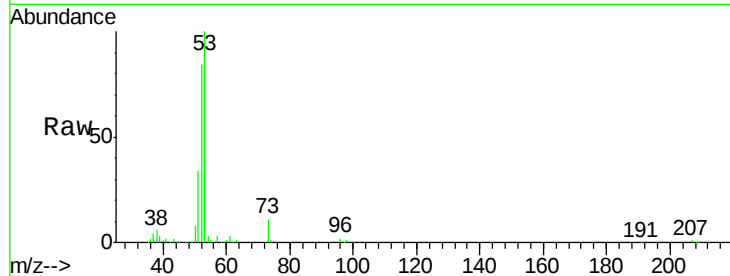
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	233316
Ion Ratio	Lower	Upper	
53	100		
52	81.3	65.4	98.0
51	35.5	28.7	43.1

Manual Integrations
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MMDadoda
5/6/2020 10:26:37 AM



#16

Acetone

Concen: 260.443 ug/l

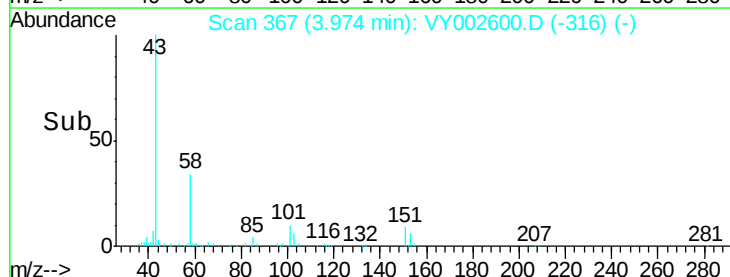
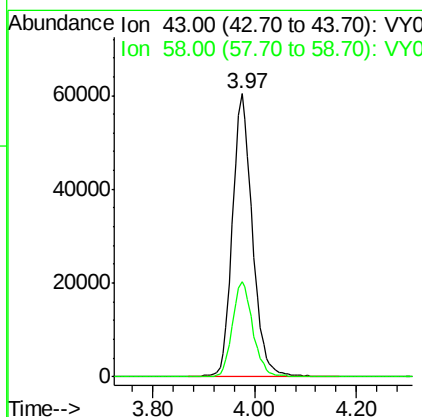
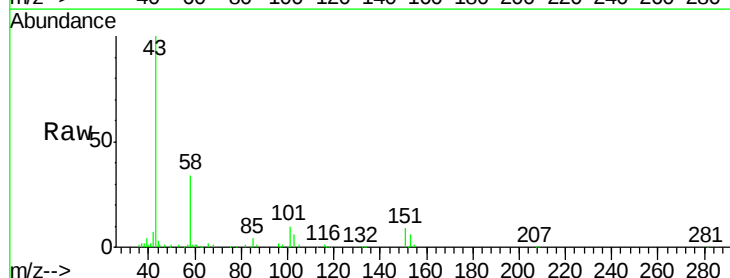
RT: 3.97 min Scan# 367

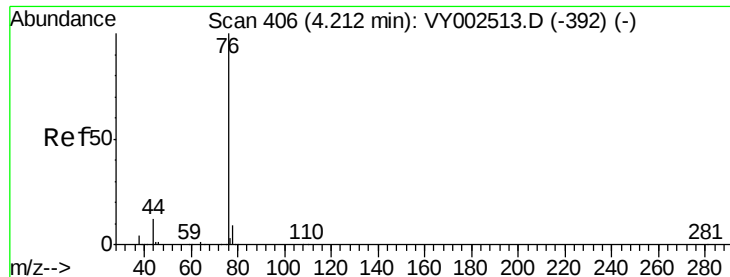
Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion:	43	Resp:	164554
Ion Ratio	Lower	Upper	
43	100		
58	33.8	26.9	40.3





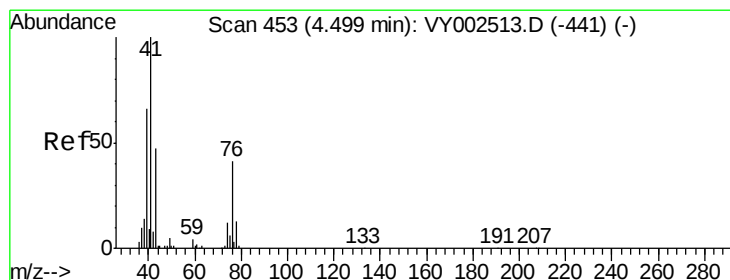
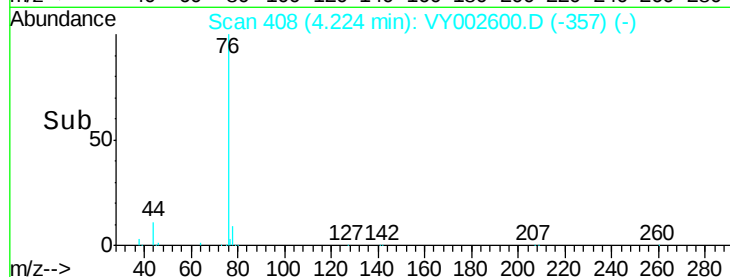
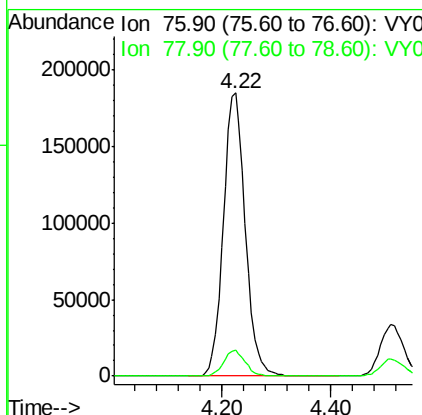
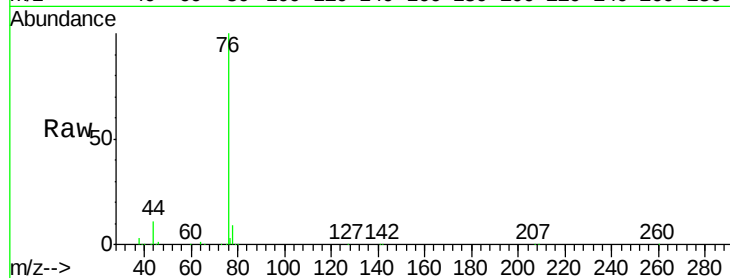
#17
Carbon Disulfide
Concen: 54.717 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

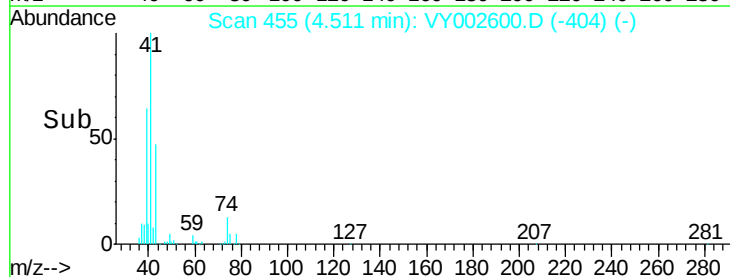
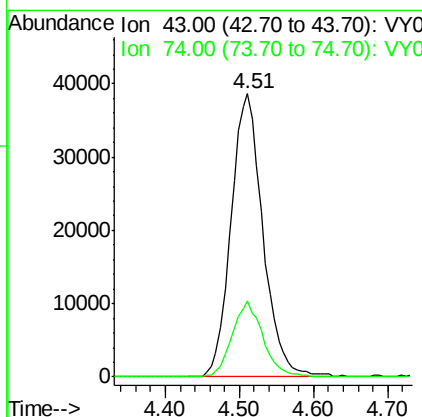
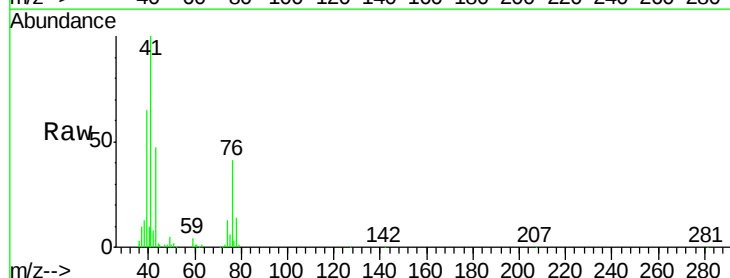
Manual Integrations
APPROVED

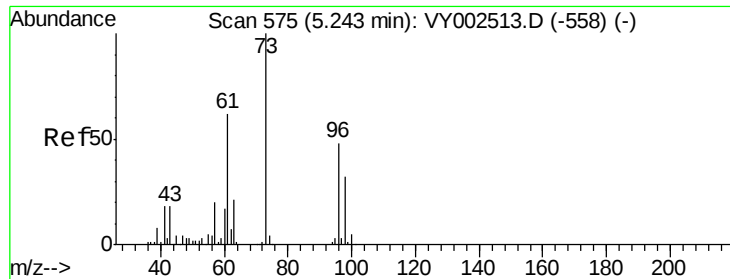
MMDadoda
5/6/2020 10:26:37 AM



#18
Methyl Acetate
Concen: 54.960 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	21.2	31.8





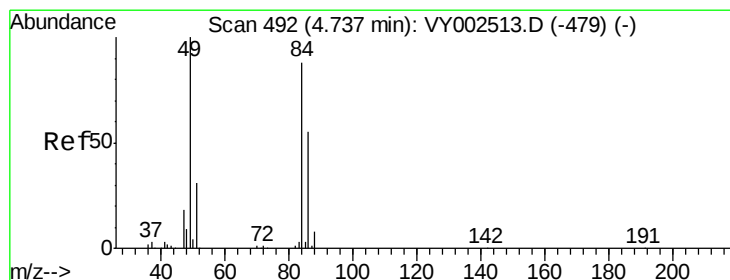
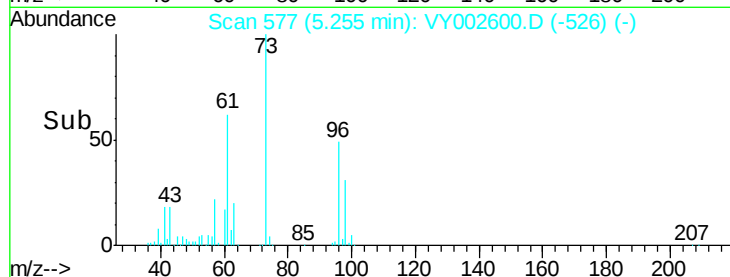
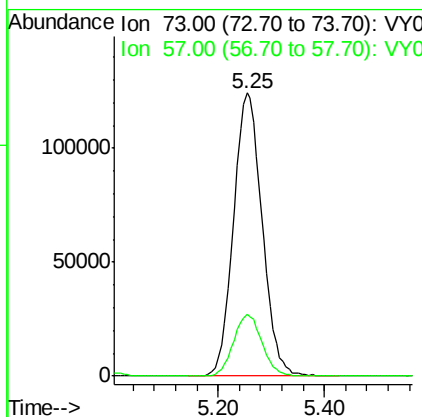
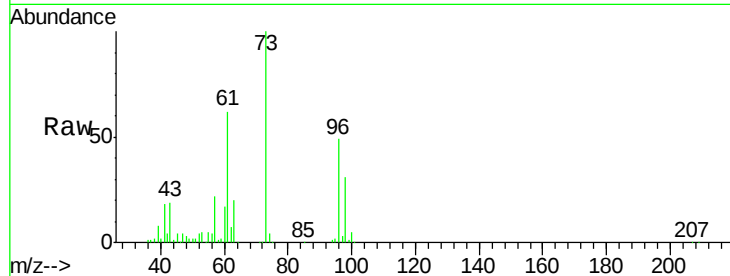
#19
Methvl tert-butvl Ether
Concen: 56.694 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.3	24.5

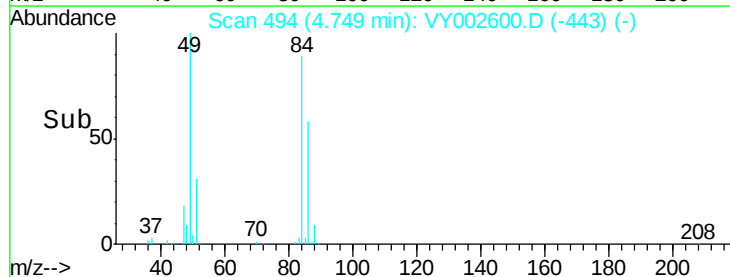
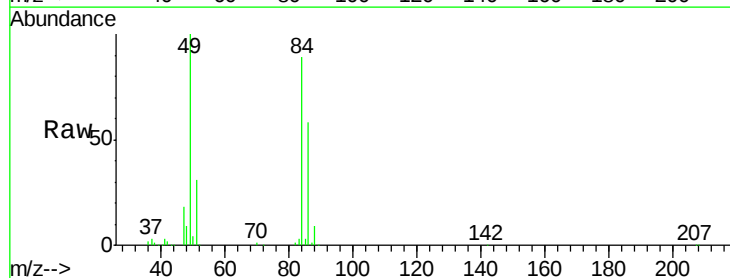
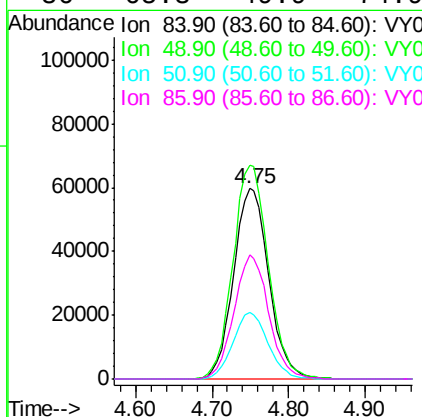
Manual Integrations
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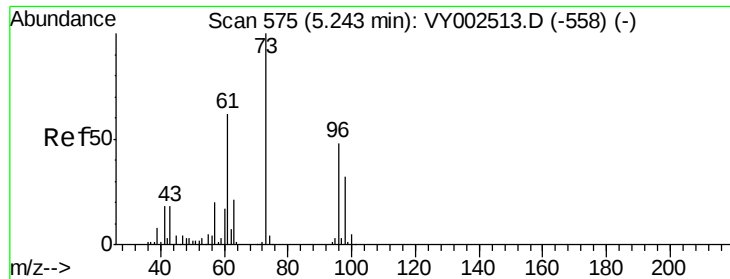
MMDadoda
5/6/2020 10:26:37 AM



#20
Methylene Chloride
Concen: 54.018 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	90.5	135.7
51	34.7	28.3	42.5
86	65.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 55.654 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

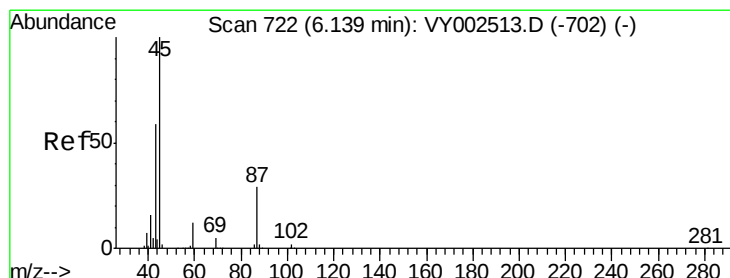
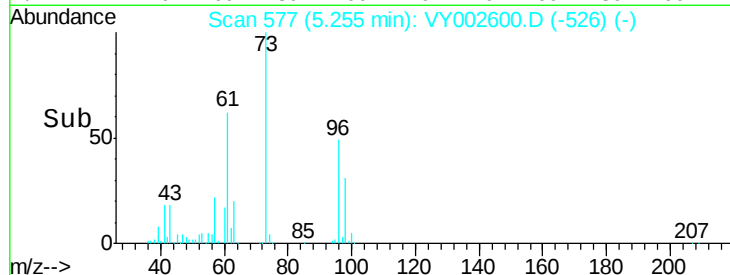
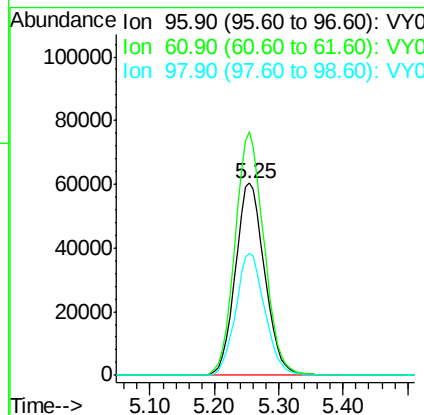
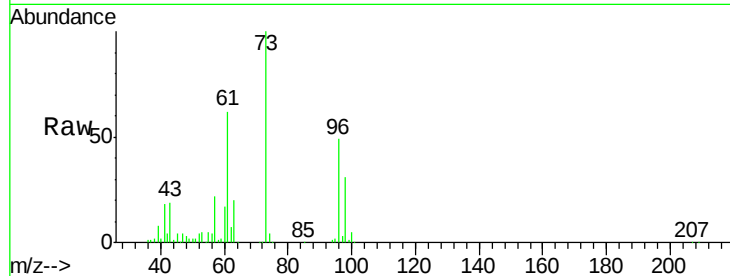
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	190663
Ion	Ratio	Lower	Upper
96	100		
61	126.7	102.0	153.0
98	63.5	53.0	79.4

Manual Integrations
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MMDadoda
5/6/2020 10:26:37 AM



#22

Diisopropyl ether

Concen: 58.341 ug/l

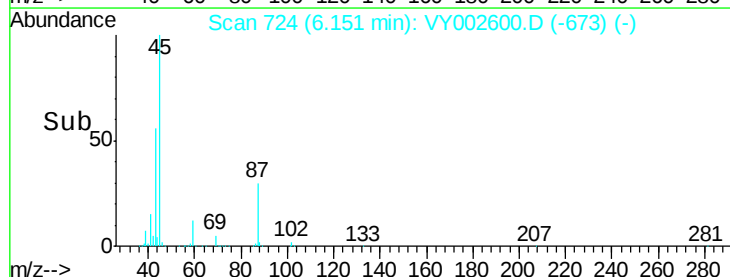
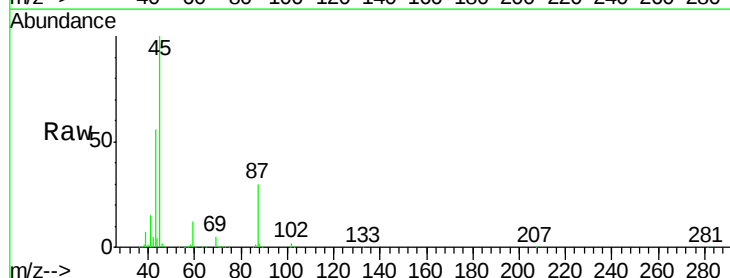
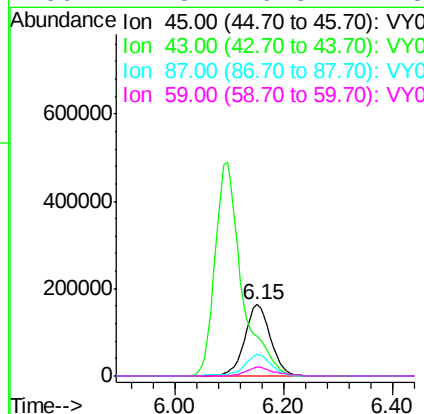
RT: 6.15 min Scan# 724

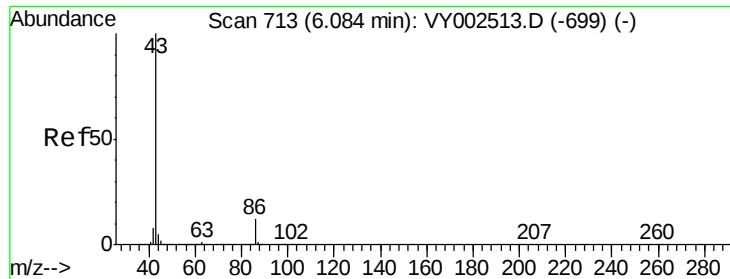
Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion:	45	Resp:	539106
Ion	Ratio	Lower	Upper
45	100		
43	55.4	47.4	71.0
87	30.0	24.0	36.0
59	11.8	9.8	14.8





#23

Vinyl Acetate

Concen: 285.928 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1661629

Ion Ratio Lower Upper

43 100

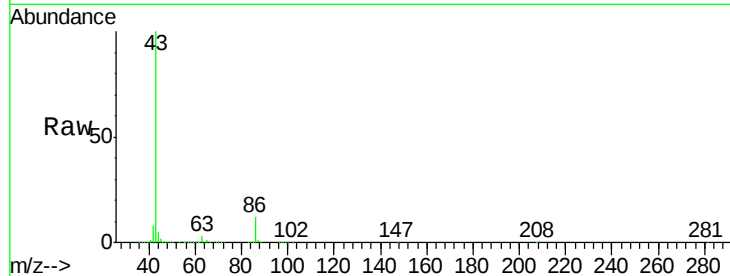
86 11.9 9.8 14.6

Manual Integrations

APPROVED

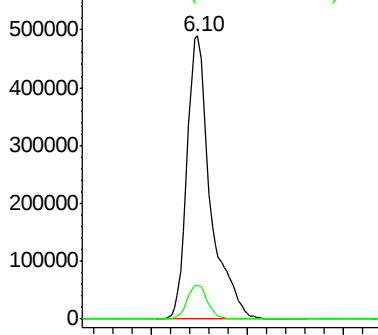
MMDadoda

5/6/2020 10:26:37 AM

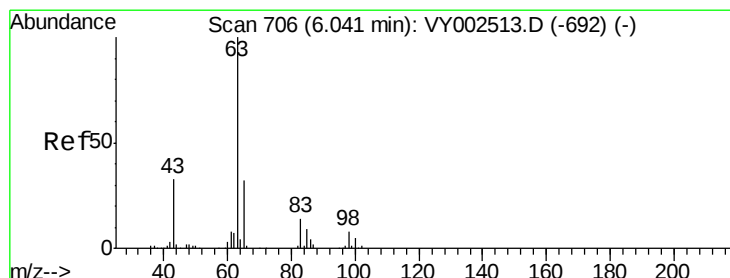
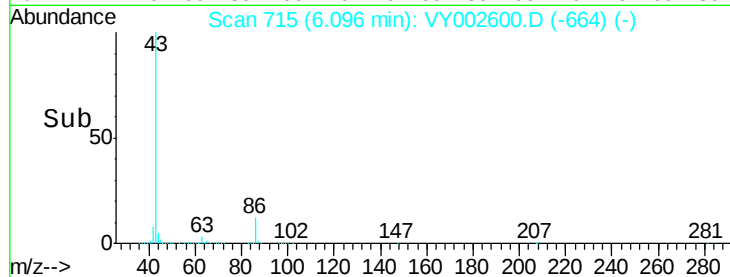


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 57.365 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

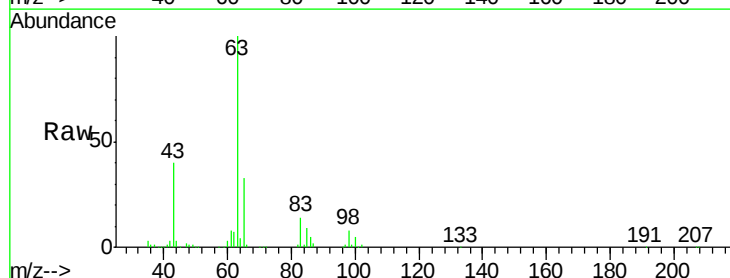
Tgt Ion: 63 Resp: 313593

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

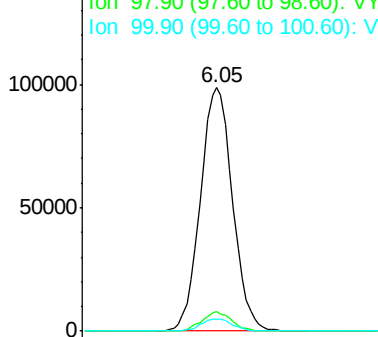
100 4.8 2.4 7.2



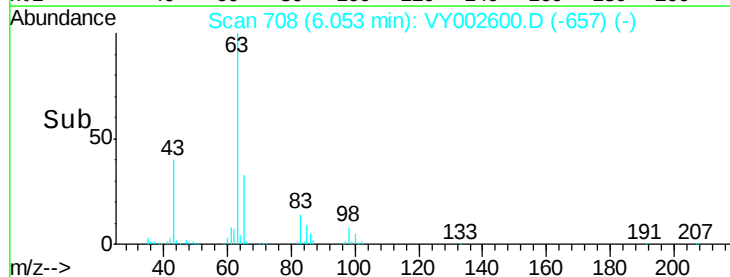
Abundance Ion 62.90 (62.60 to 63.60): VY0

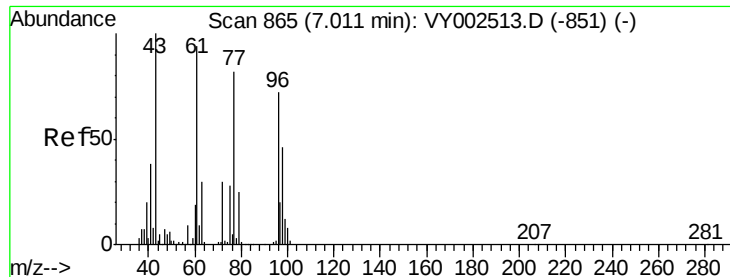
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





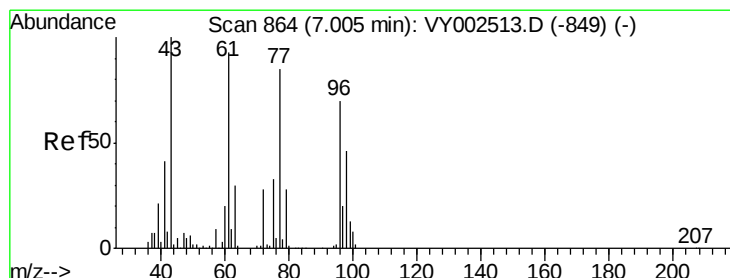
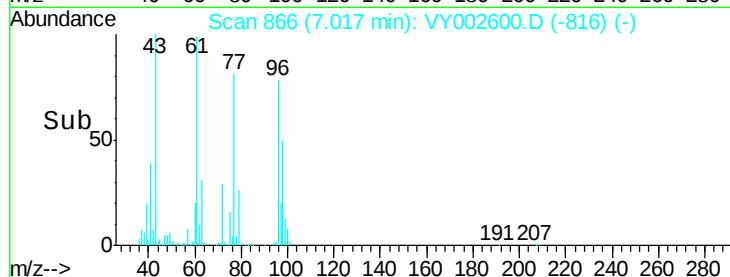
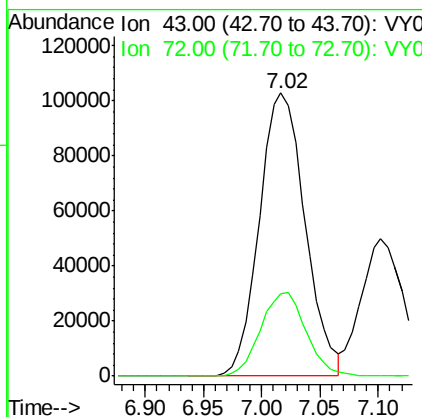
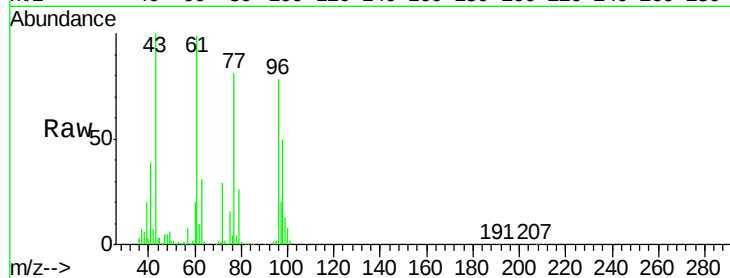
#25
2-Butanone
Concen: 270.651 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.2	24.1	36.1

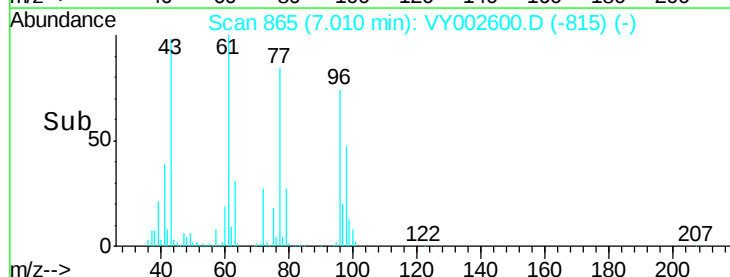
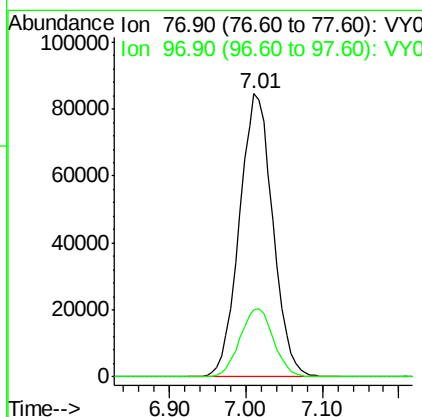
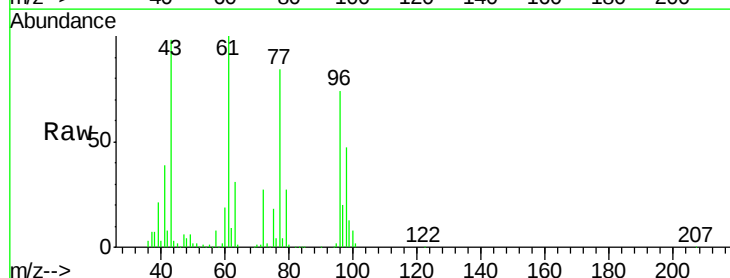
Manual Integrations
APPROVED

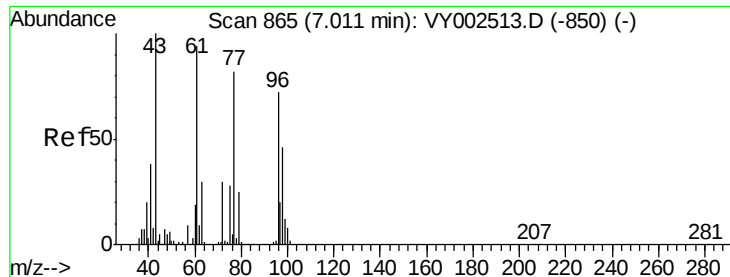
MMDadoda
5/6/2020 10:26:37 AM



#26
2,2-Dichloropropane
Concen: 49.269 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
77	100		
97	24.4	11.9	35.5





#27

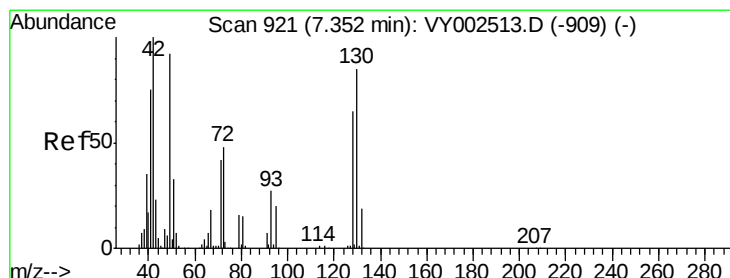
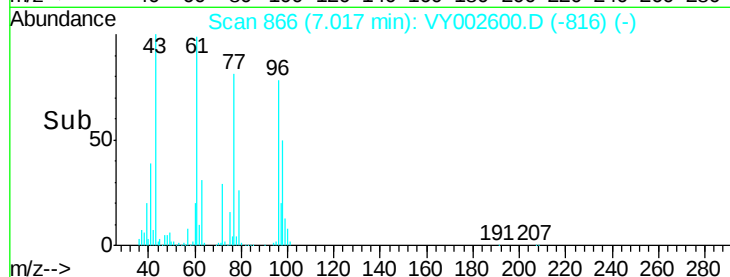
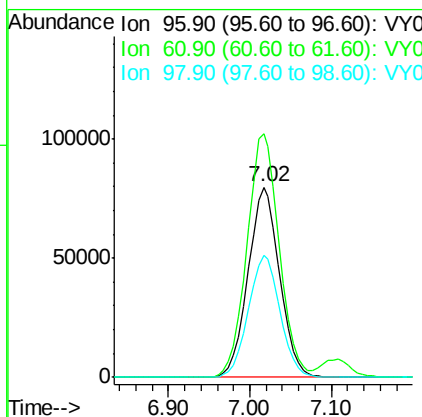
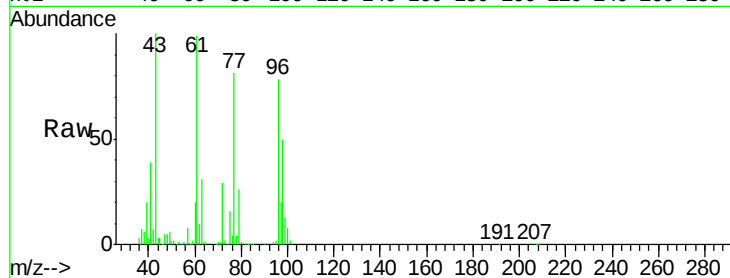
cis-1,2-Dichloroethene
 Concen: 56.633 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	214676		
61	130.6	0.0	266.6	
98	64.6	0.0	129.2	

Manual Integrations
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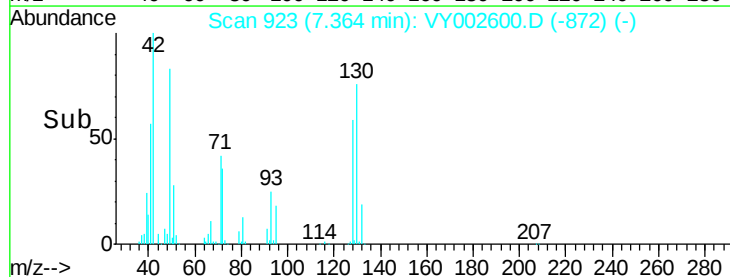
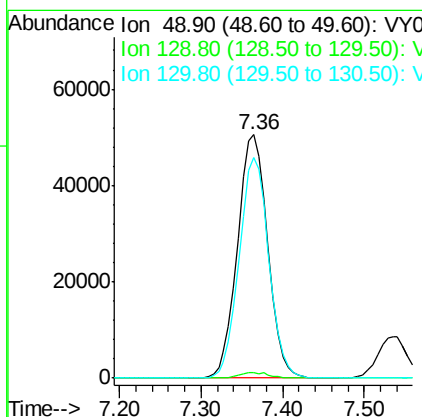
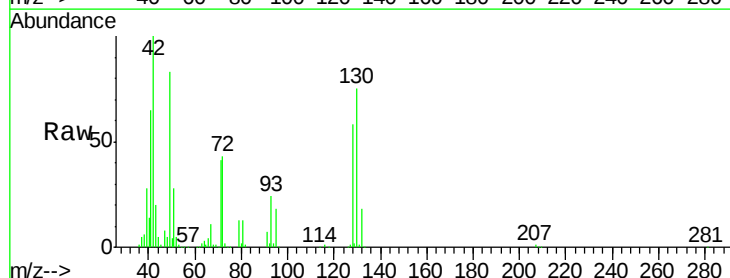
MMDadoda
 5/6/2020 10:26:37 AM

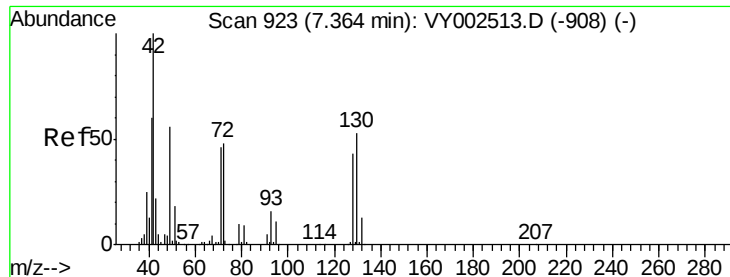


#28

Bromochloromethane
 Concen: 57.918 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	129726		
129	2.3	0.0	4.8	
130	89.0	72.5	108.7	





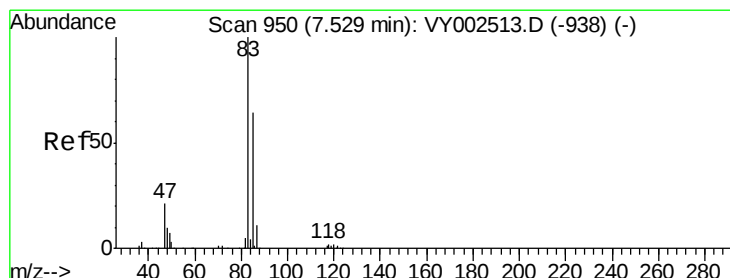
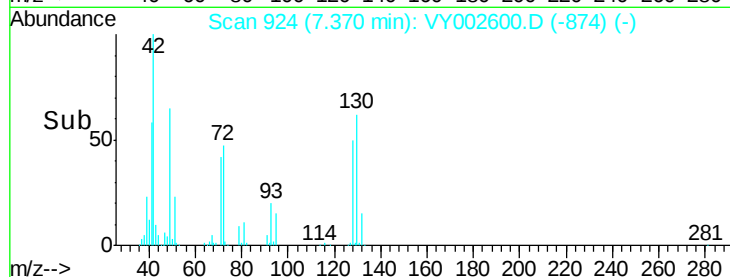
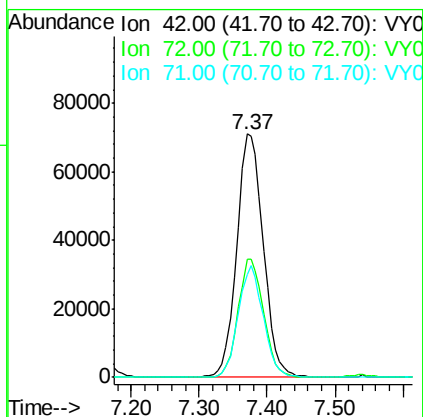
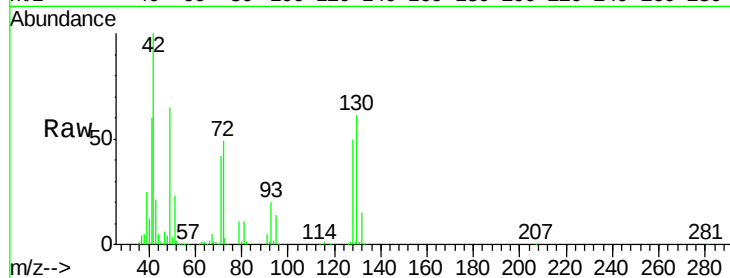
#29
Tetrahydrofuran
Concen: 280.787 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	192137
Ion Ratio		Lower	Upper
42	100		
72	46.8	37.4	56.2
71	43.4	35.0	52.4

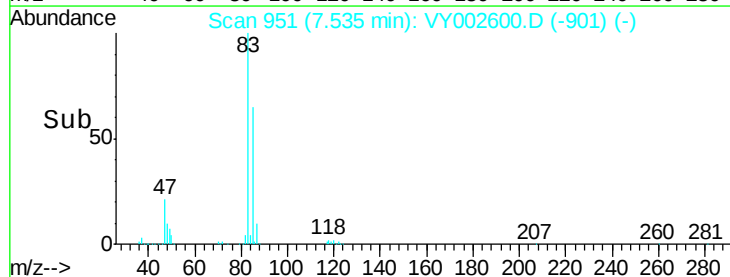
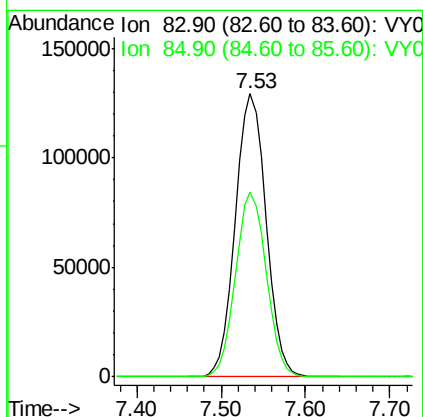
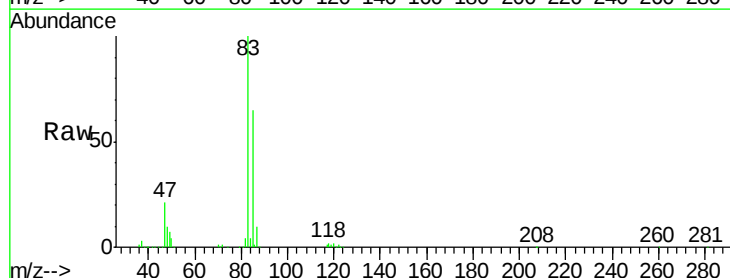
Manual Integrations
APPROVED

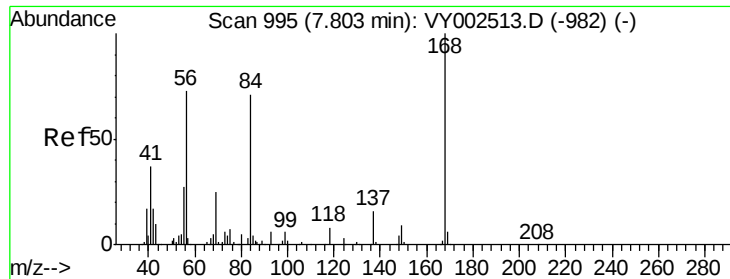
MMDadoda
5/6/2020 10:26:37 AM



#30
Chloroform
Concen: 56.013 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion:	83	Resp:	318383
Ion Ratio		Lower	Upper
83	100		
85	65.5	51.5	77.3





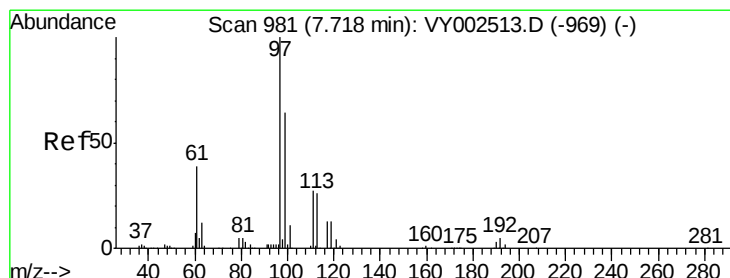
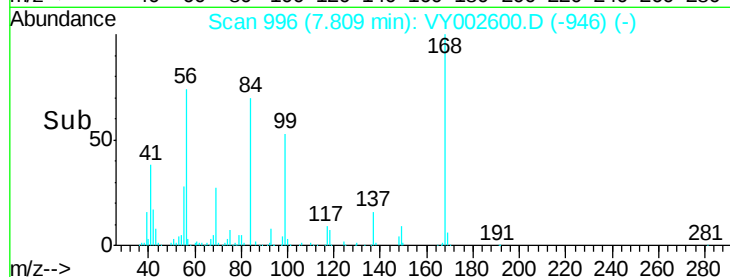
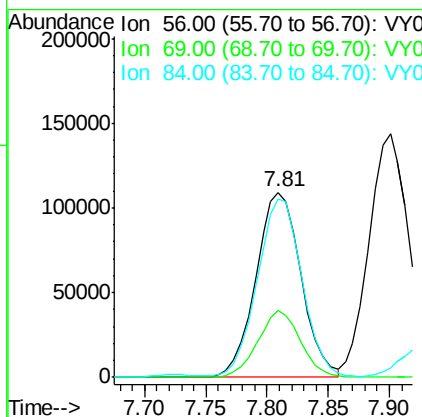
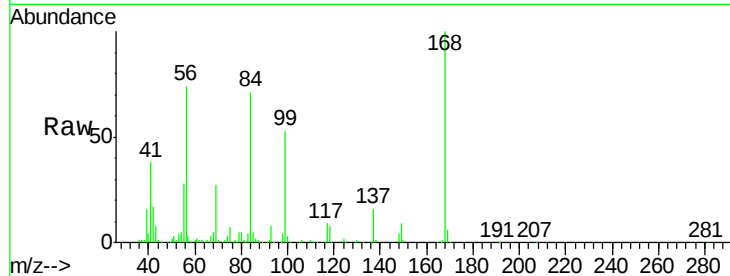
#31
Cyclohexane
Concen: 50.934 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	27.6	41.4
84	94.8	77.7	116.5

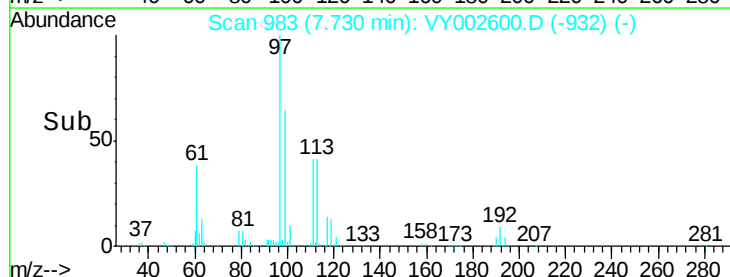
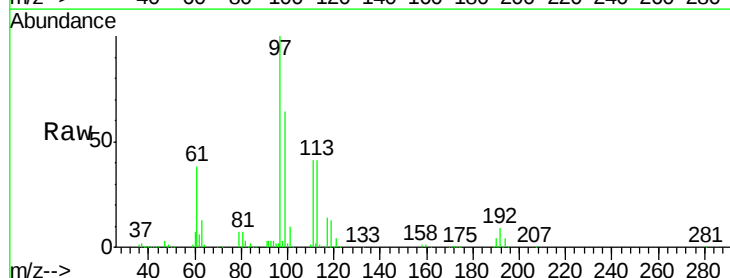
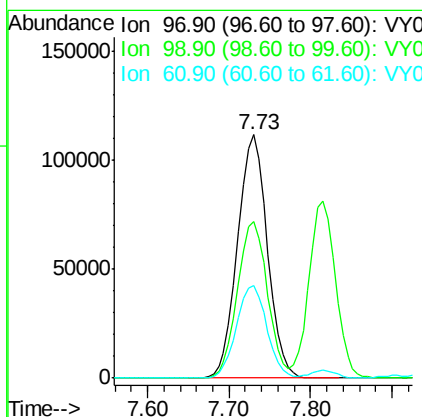
Manual Integrations
APPROVED

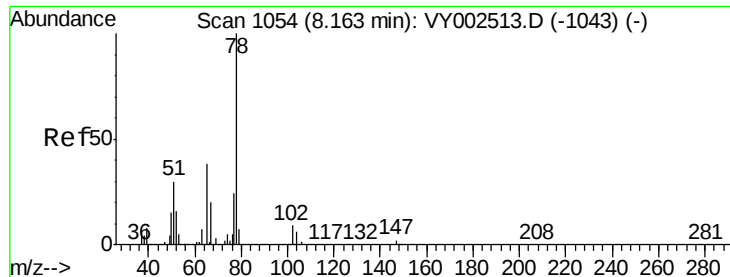
MMDadoda
5/6/2020 10:26:37 AM



#32
1,1,1-Trichloroethane
Concen: 53.563 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	38.7	31.0	46.6





#33

1,2-Dichloroethane-d4

Concen: 52.621 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 161099

Ion Ratio Lower Upper

65 100

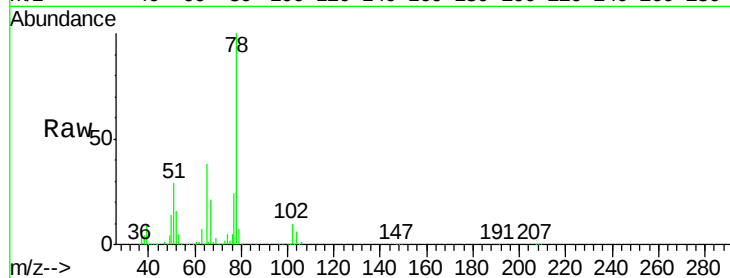
67 53.9 0.0 107.2

Manual Integrations

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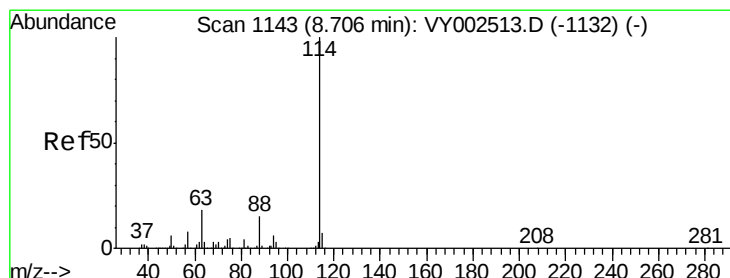
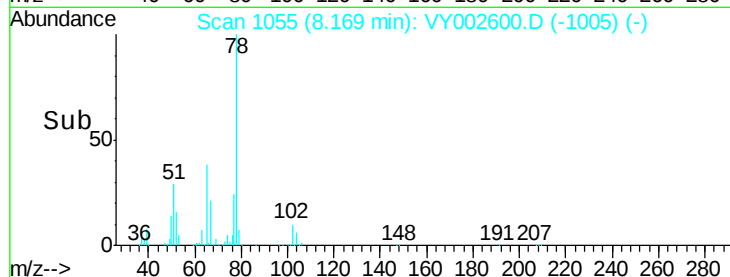
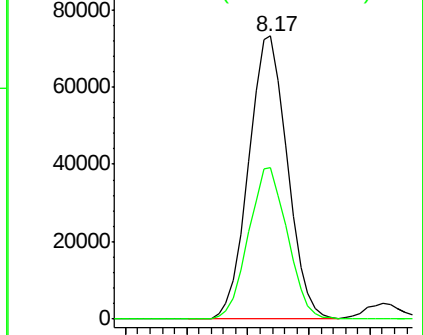
MMDadoda

5/6/2020 10:26:37 AM



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

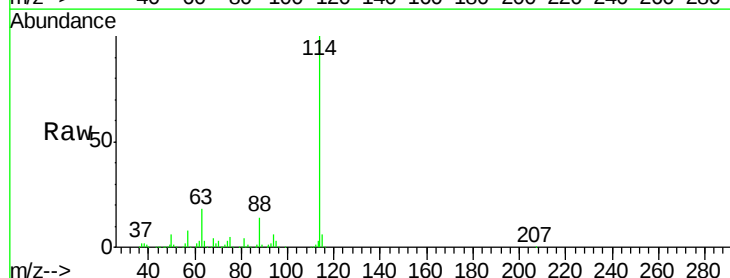
Tgt Ion: 114 Resp: 567187

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

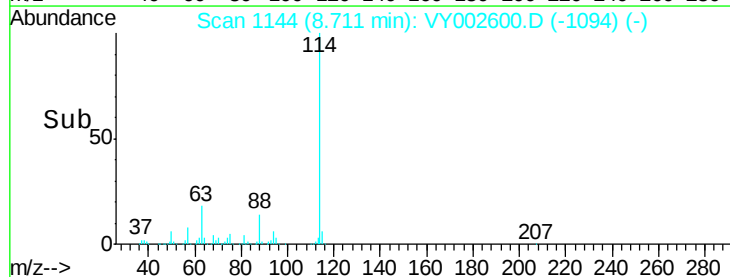
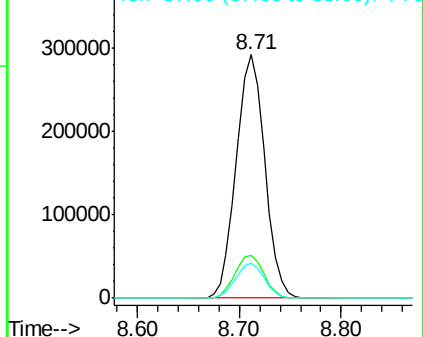
88 14.3 0.0 29.6

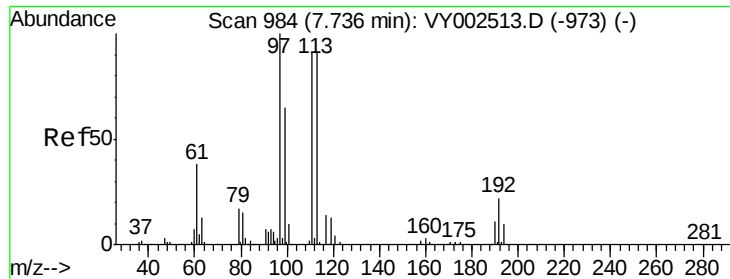


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





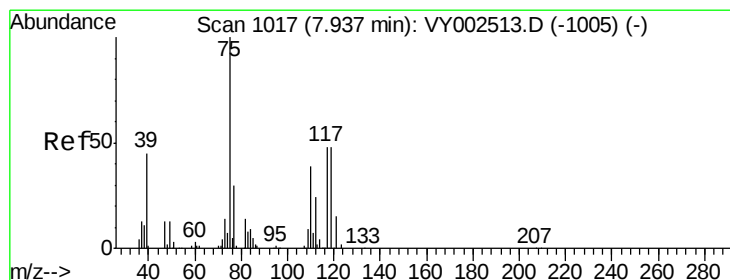
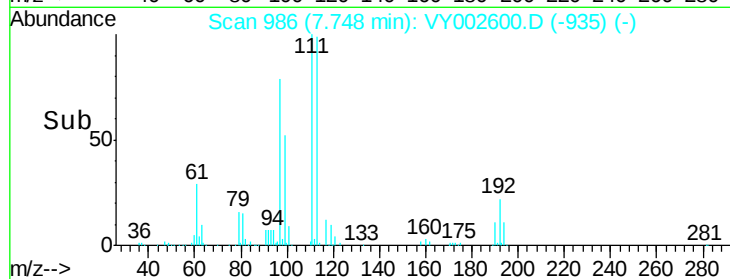
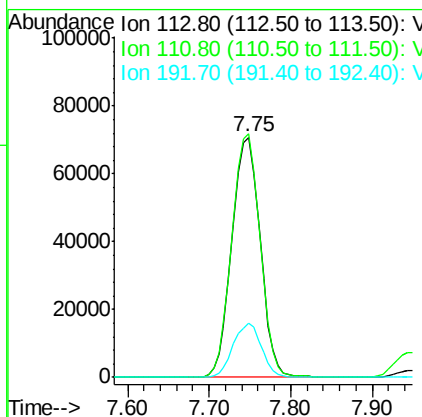
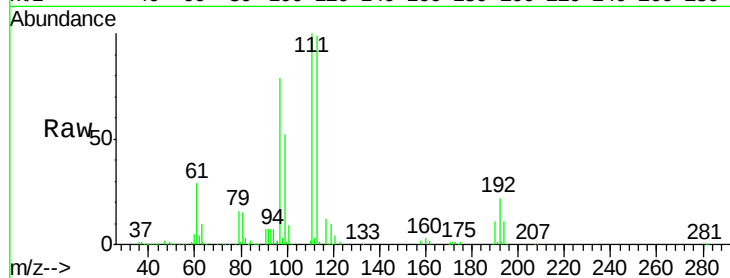
#35
 Dibromofluoromethane
 Concen: 52.509 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	22.4	18.2	27.4

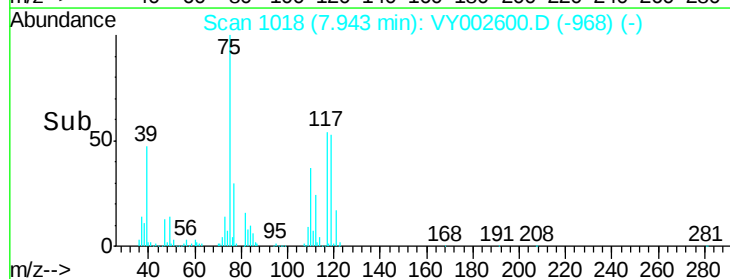
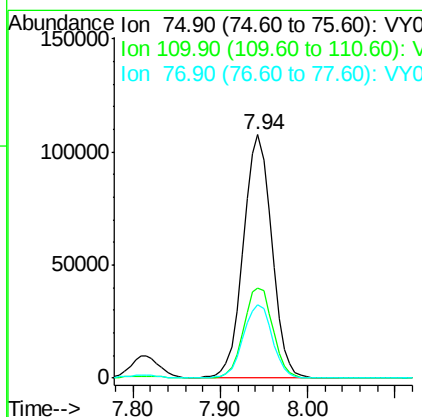
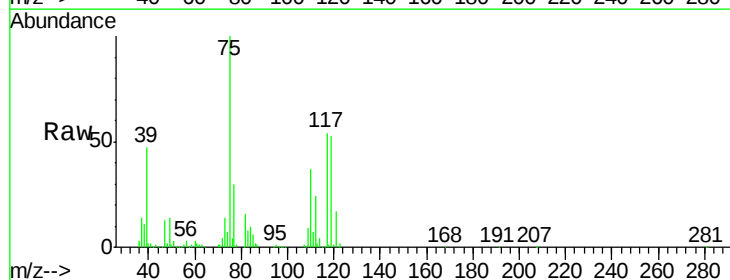
Manual Integrations
 APPROVED

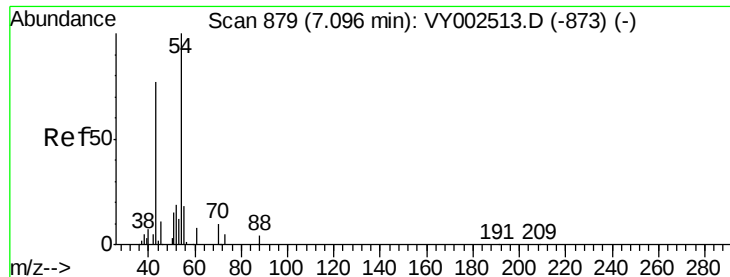
MMDadoda
 5/6/2020 10:26:37 AM



#36
 1,1-Dichloropropene
 Concen: 51.237 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	19.1	57.3
77	31.0	24.6	37.0





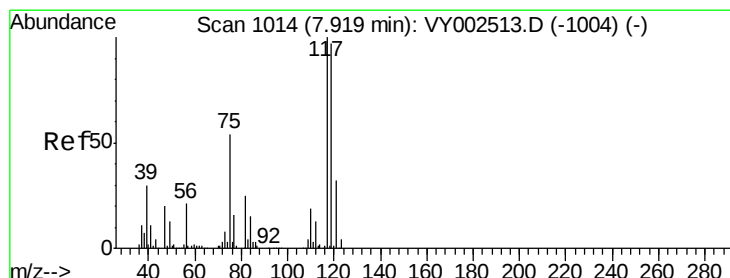
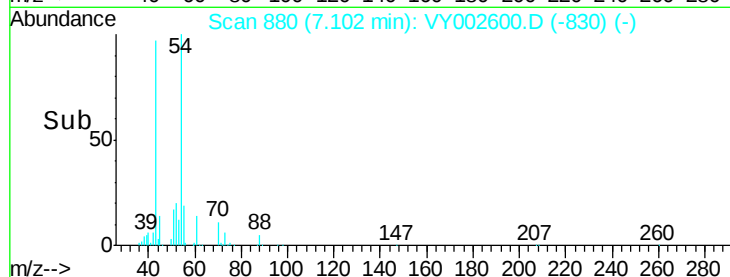
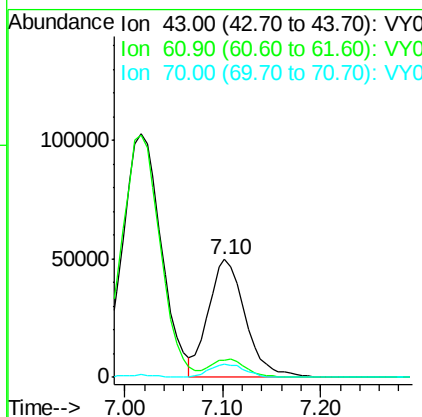
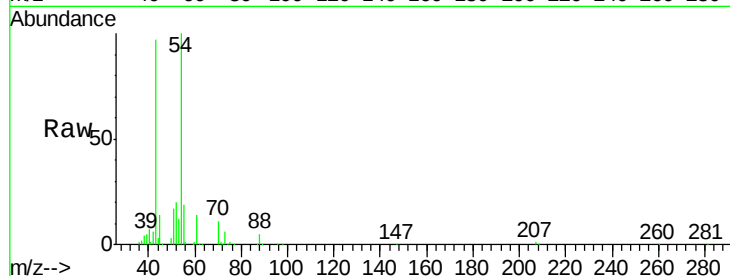
#37
Ethyl Acetate
Concen: 53.591 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.6	17.4
70	11.2	9.0	13.6

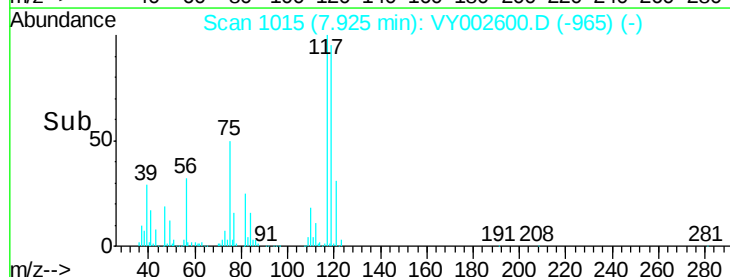
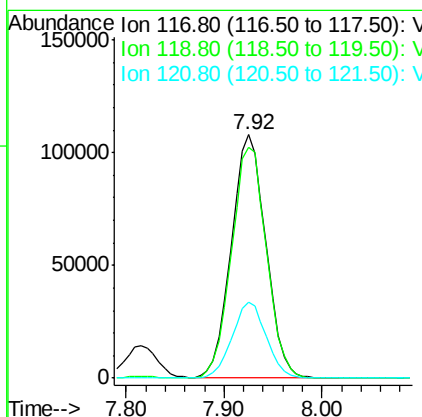
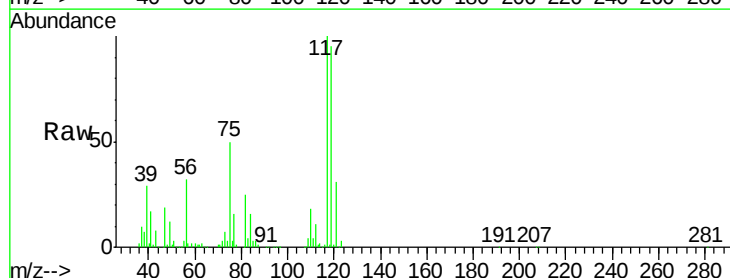
Manual Integrations
APPROVED

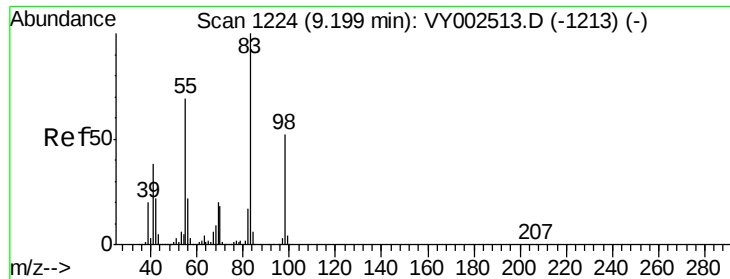
MMDadoda
5/6/2020 10:26:37 AM



#38
Carbon Tetrachloride
Concen: 50.793 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.1	115.7
121	31.3	25.2	37.8





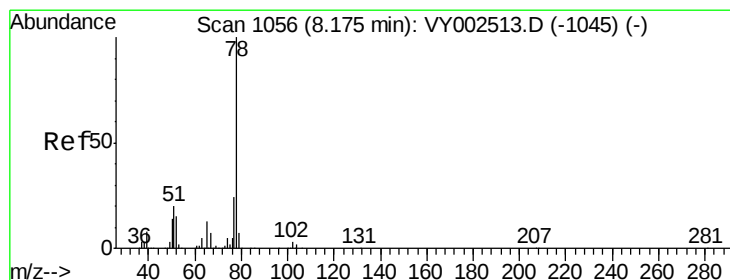
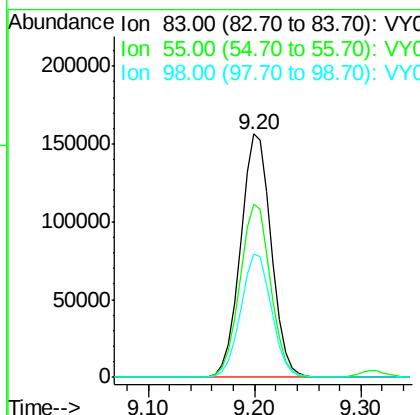
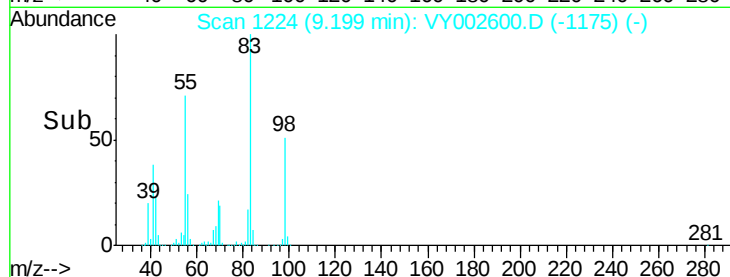
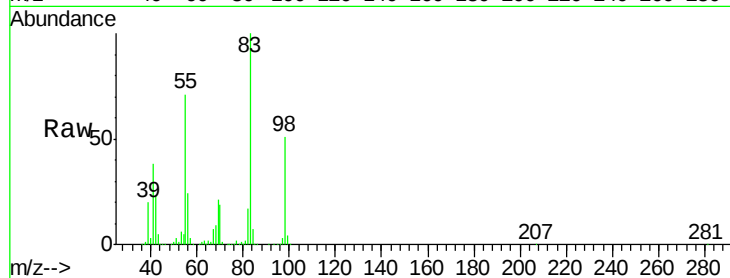
#39
Methvlcvclohexane
Concen: 50.288 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	315814
Ion	Ratio	Lower	Upper
83	100		
55	71.4	55.4	83.0
98	50.8	41.3	61.9

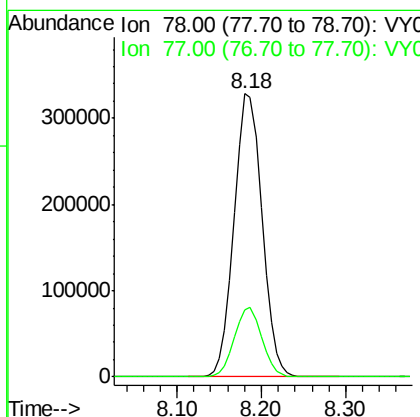
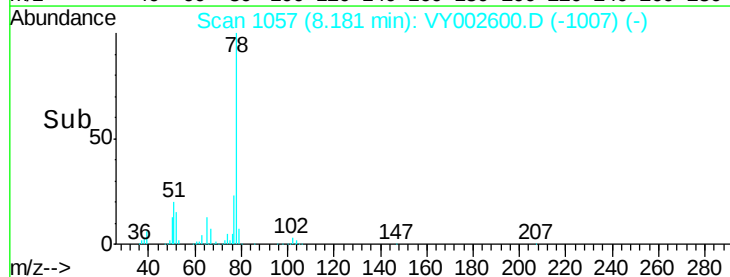
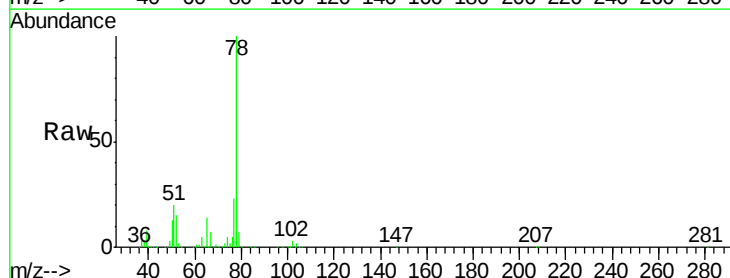
Manual Integrations
APPROVED

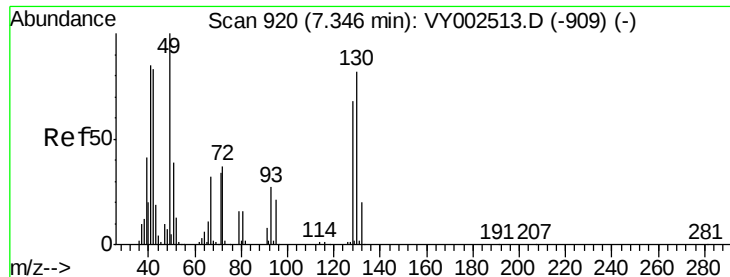
MMDadoda
5/6/2020 10:26:37 AM



#40
Benzene
Concen: 53.598 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	78	Resp	736058
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





#41

Methacrylonitrile

Concen: 46.664 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 61303

Ion Ratio Lower Upper

41 100

39 128.7 83.1 124.7#

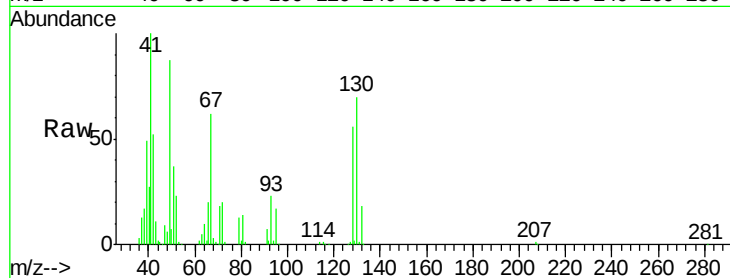
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda

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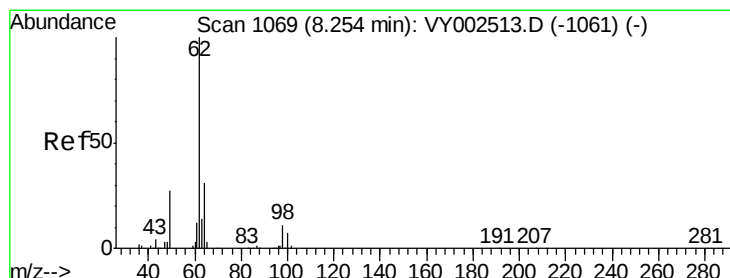
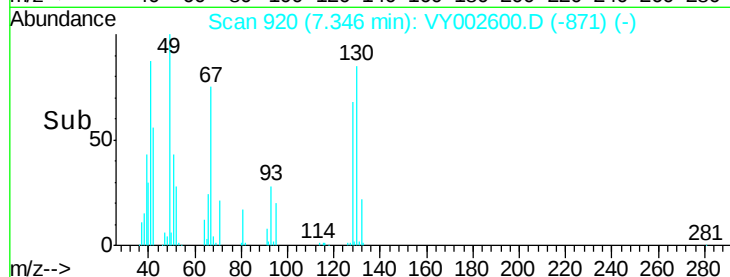
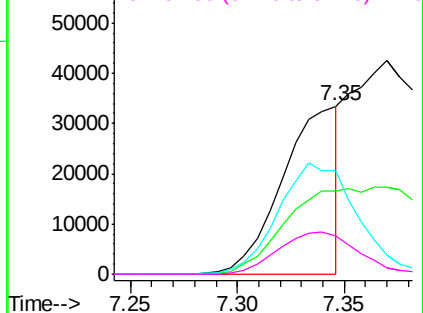


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 52.218 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VY002600.D

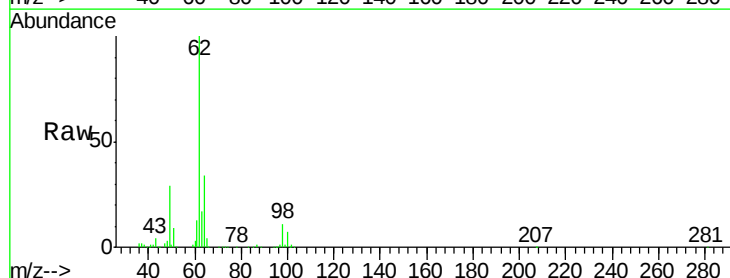
Acq: 05 May 2020 21:02

Tgt Ion: 62 Resp: 201147

Ion Ratio Lower Upper

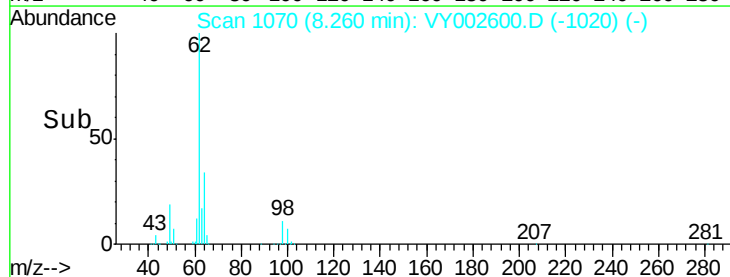
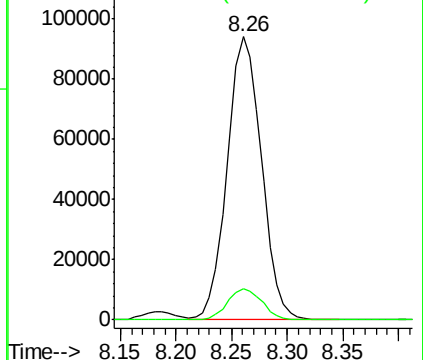
62 100

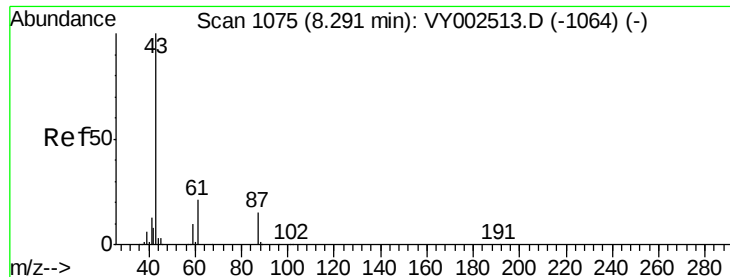
98 11.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.142 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

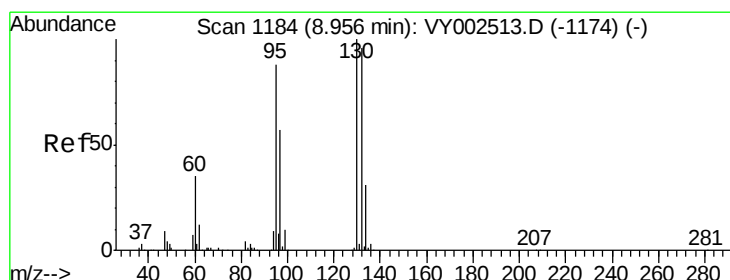
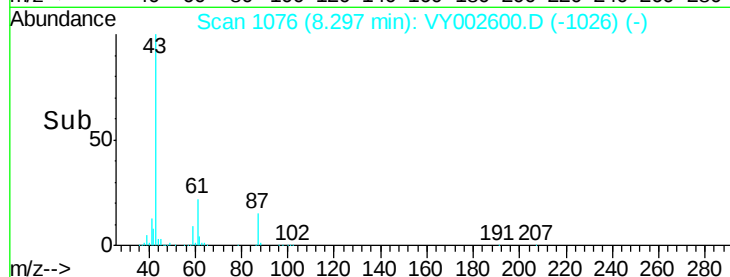
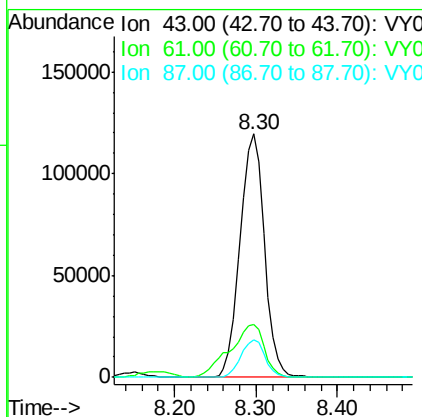
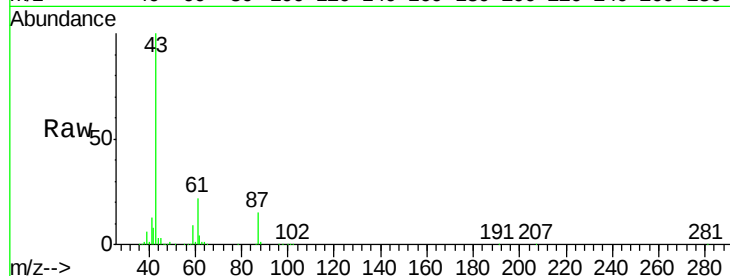
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	248004
Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.8	37.2
87	15.3	12.2	18.2

Manual Integrations
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#44

Trichloroethene

Concen: 53.408 ug/l

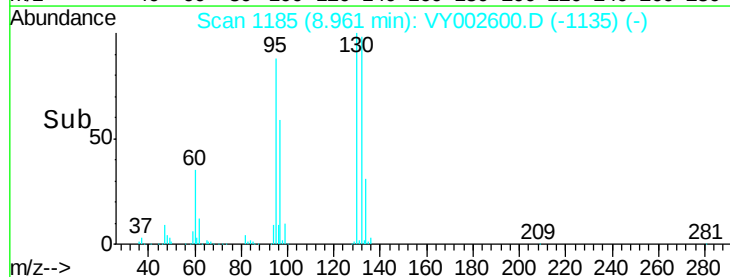
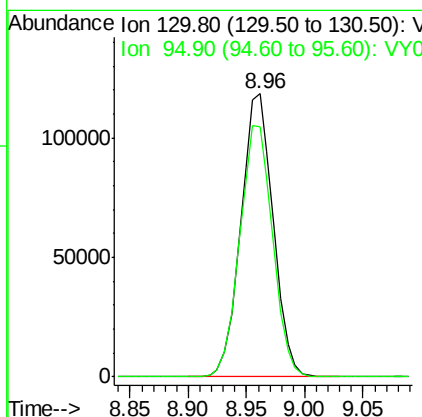
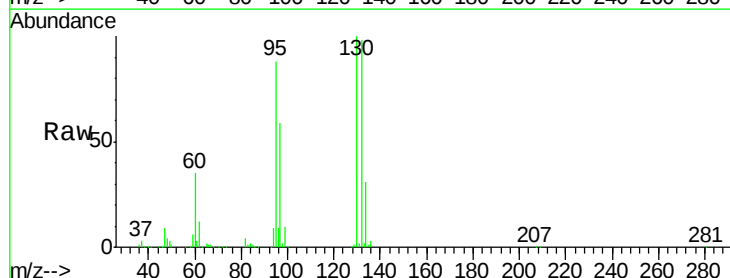
RT: 8.96 min Scan# 1185

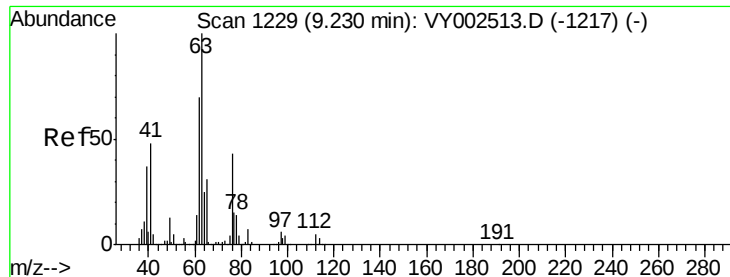
Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion:	130	Resp:	229214
Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	175.8





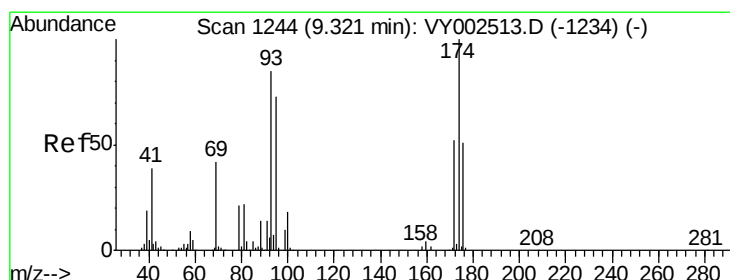
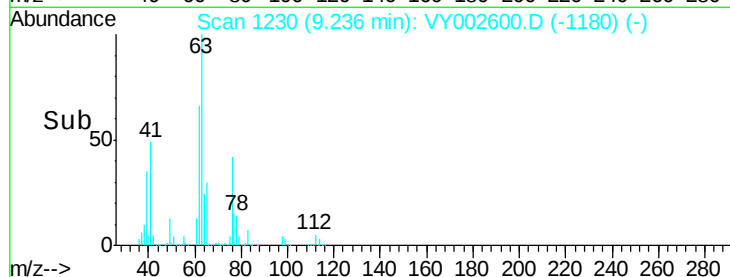
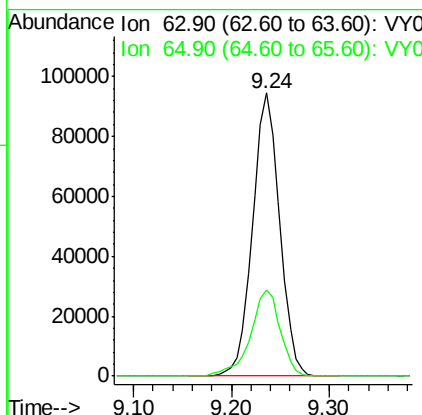
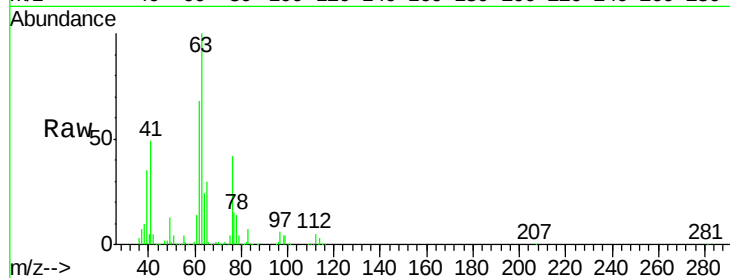
#45
 1,2-Dichloropropane
 Concen: 54.650 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.5	36.7

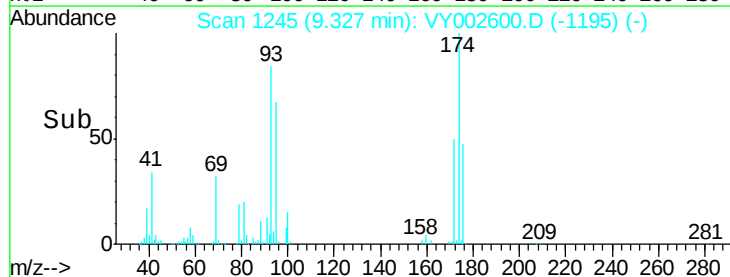
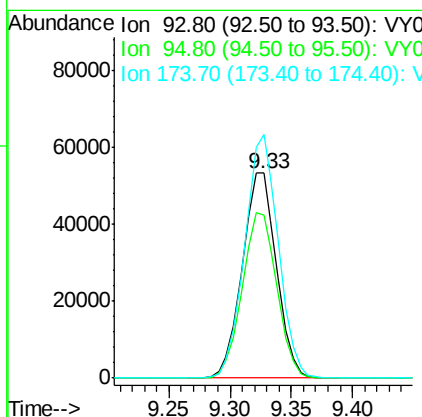
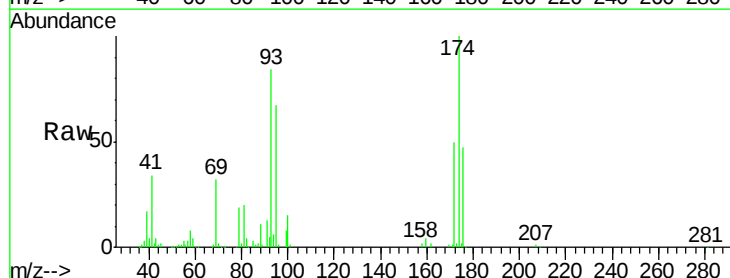
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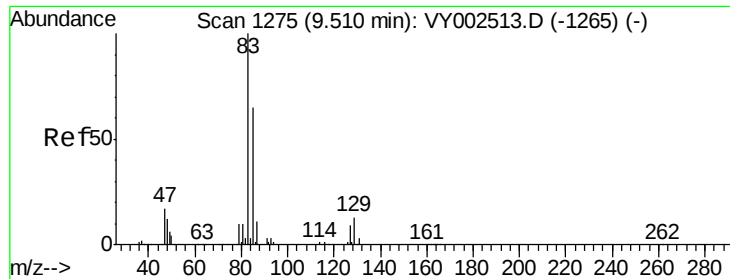
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 5/6/2020 10:26:37 AM



#46
 Dibromomethane
 Concen: 54.173 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	67.0	100.4
174	116.3	92.7	139.1





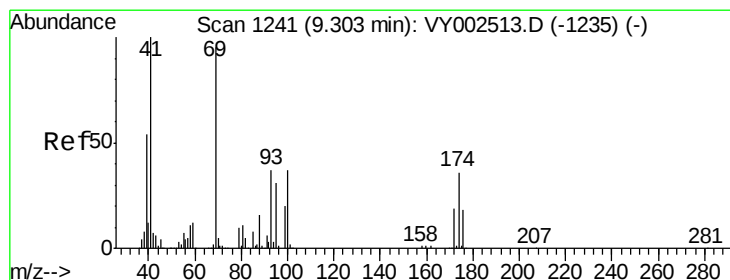
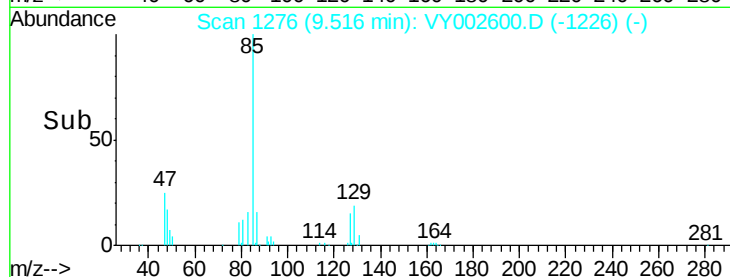
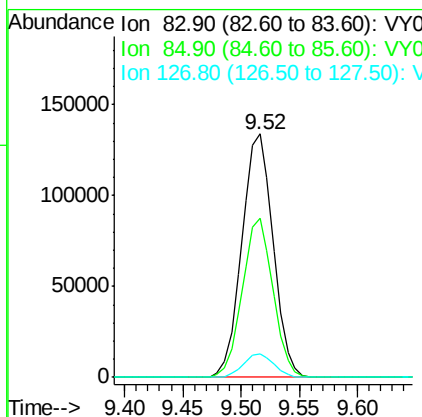
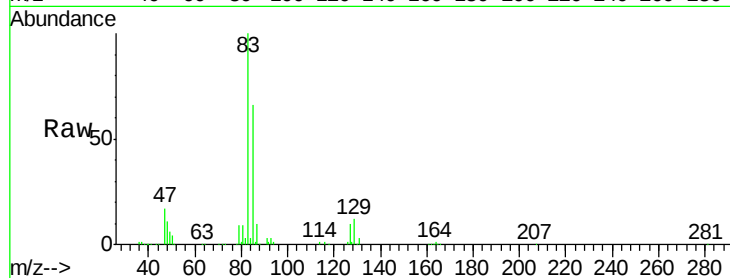
#47
Bromodichloromethane
Concen: 54.189 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.8
127	9.5	7.4	11.0

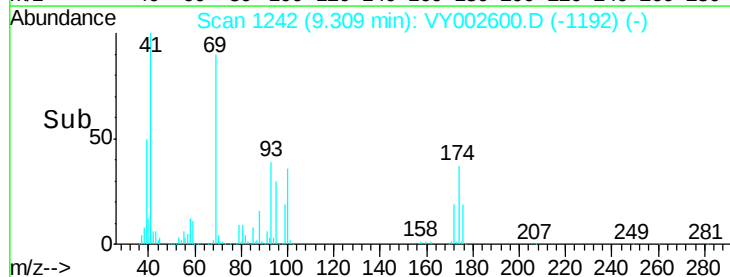
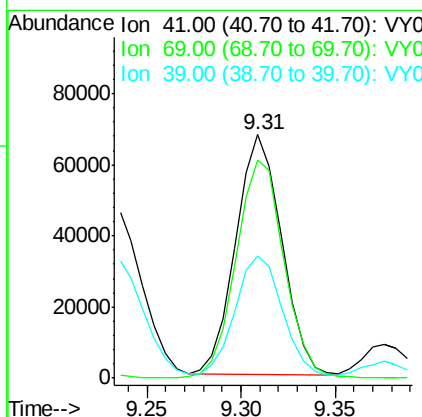
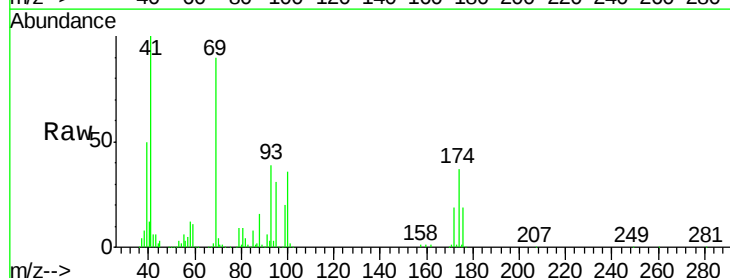
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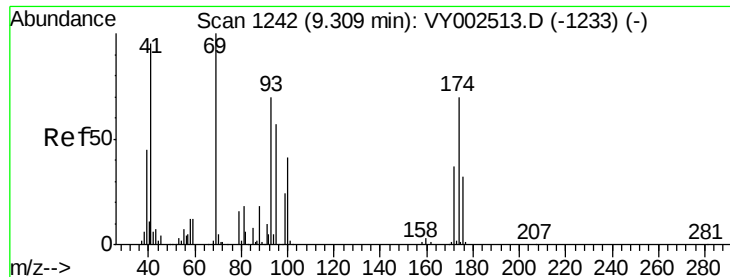
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#48
Methyl methacrylate
Concen: 55.228 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	94.6	76.2	114.4
39	51.0	42.7	64.1





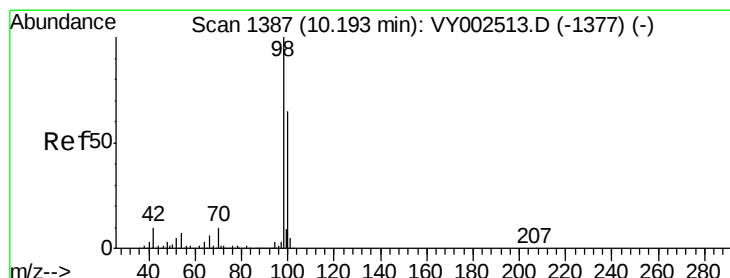
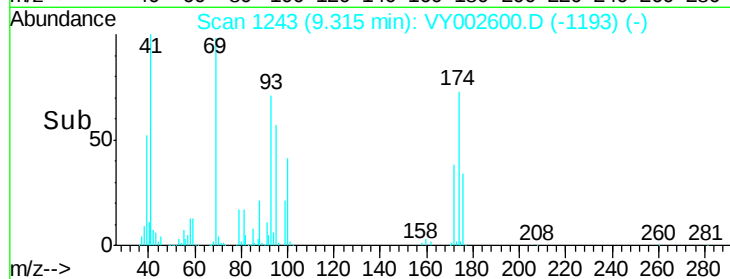
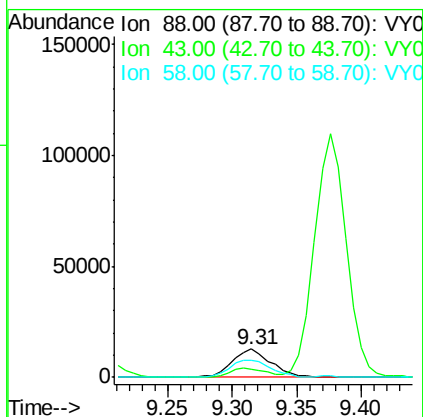
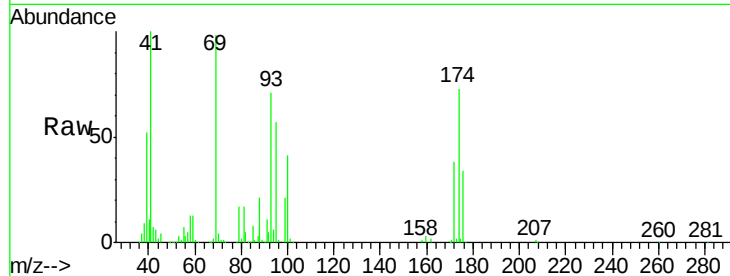
#49
1,4-Dioxane
Concen: 1054.989 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	22.8	34.2
58	65.9	51.4	77.2

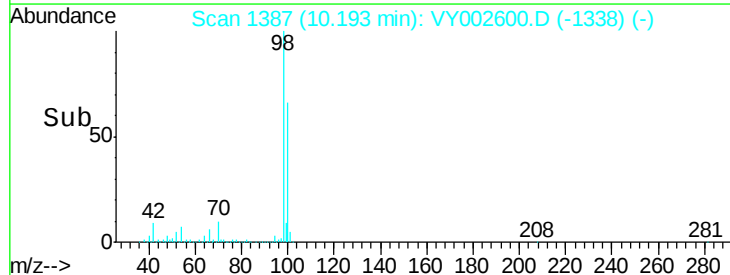
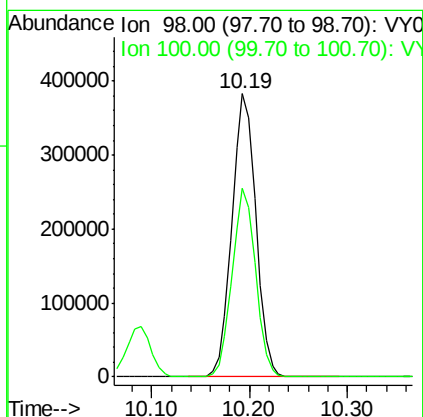
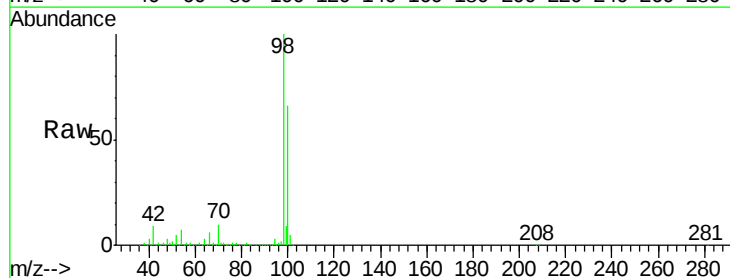
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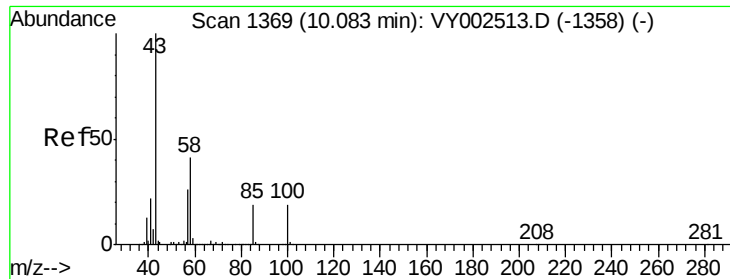
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#50
Toluene-d8
Concen: 51.389 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 268.846 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 634753

Ion Ratio Lower Upper

43 100

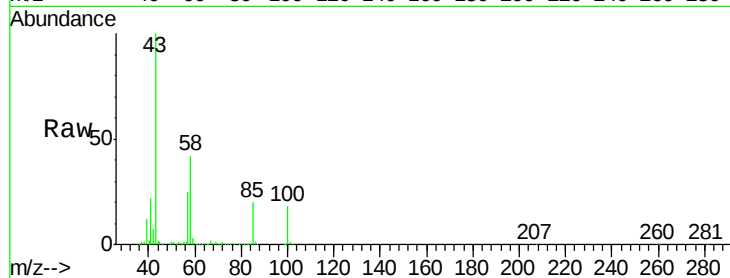
58 41.9 33.2 49.8

Manual Integrations

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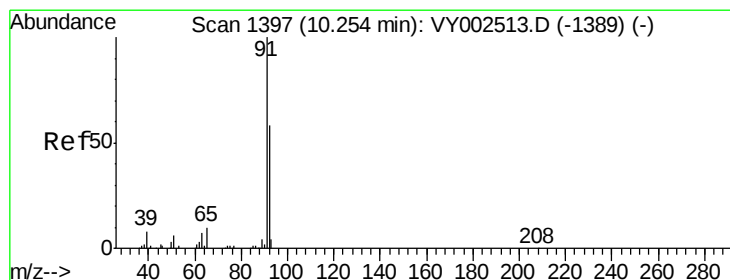
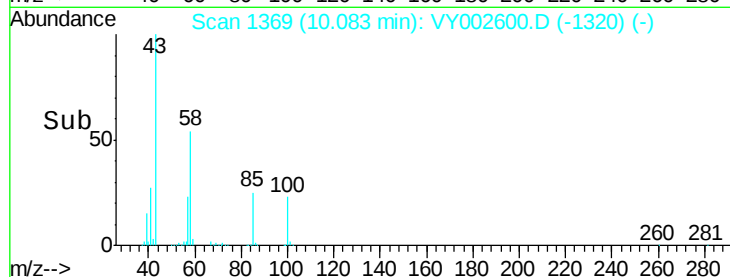
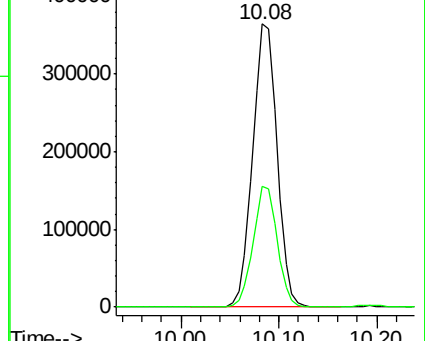
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 53.520 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002600.D

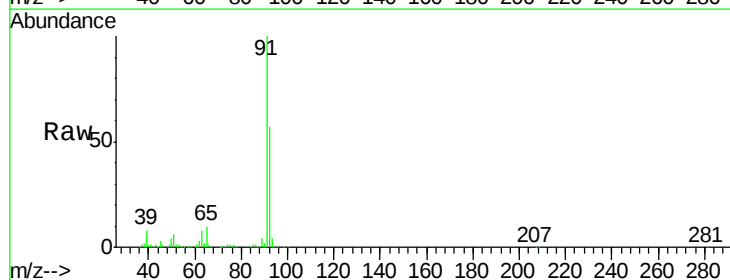
Acq: 05 May 2020 21:02

Tgt Ion: 92 Resp: 472352

Ion Ratio Lower Upper

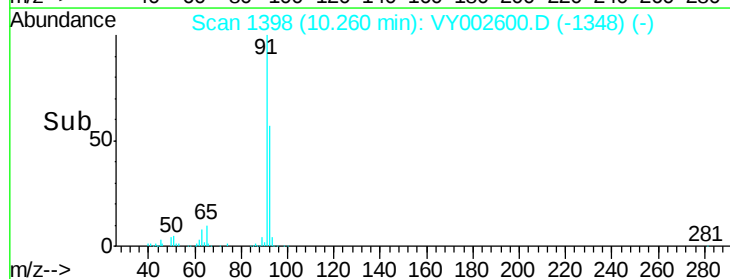
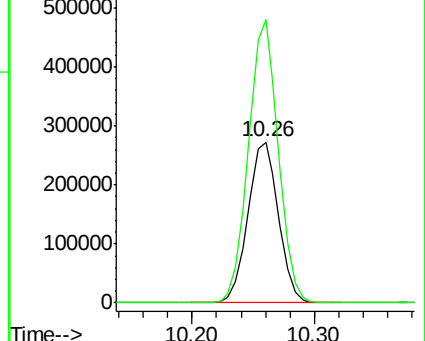
92 100

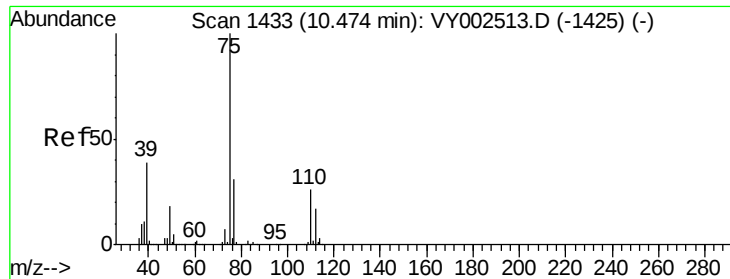
91 172.0 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 54.040 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 262540

Ion Ratio Lower Upper

75 100

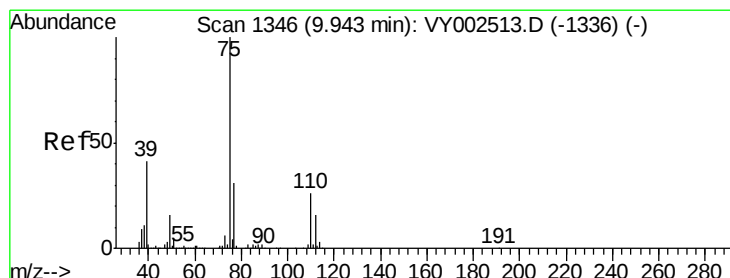
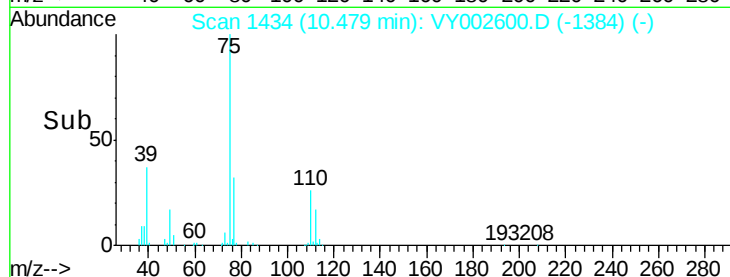
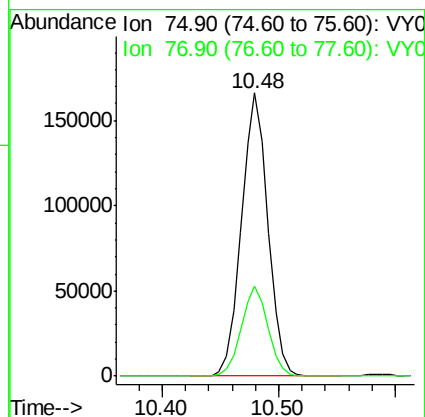
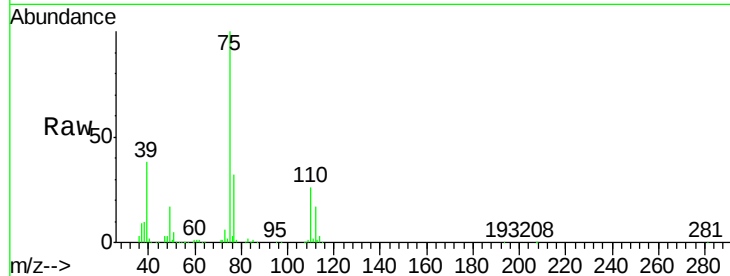
77 31.7 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 53.874 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

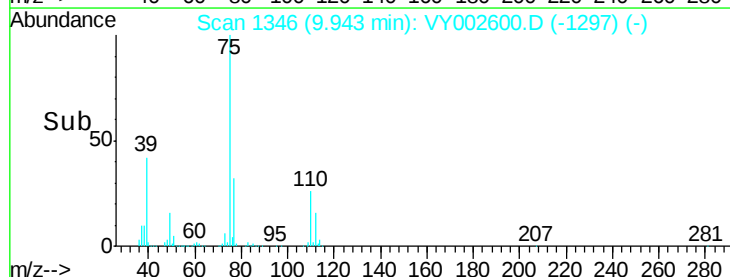
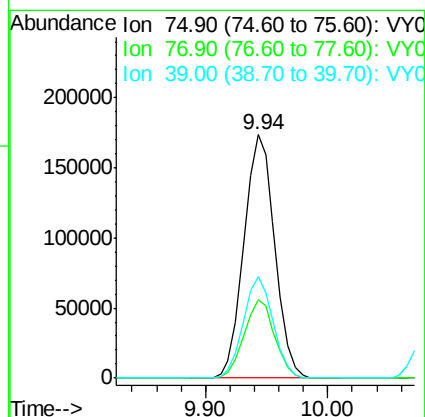
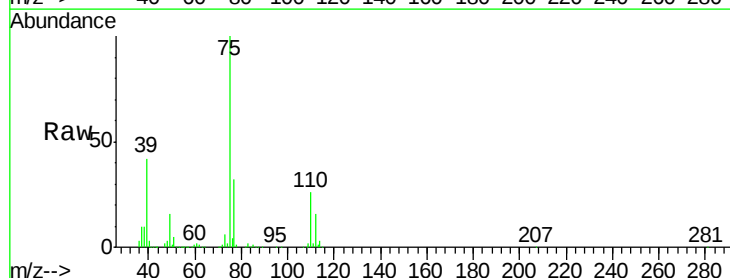
Tgt Ion: 75 Resp: 302578

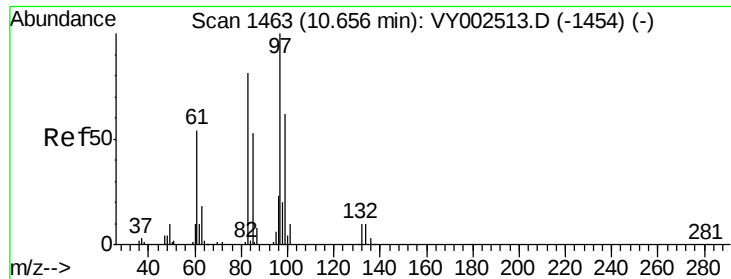
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 41.7 32.7 49.1





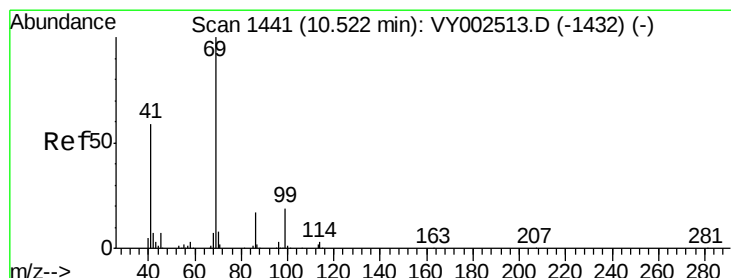
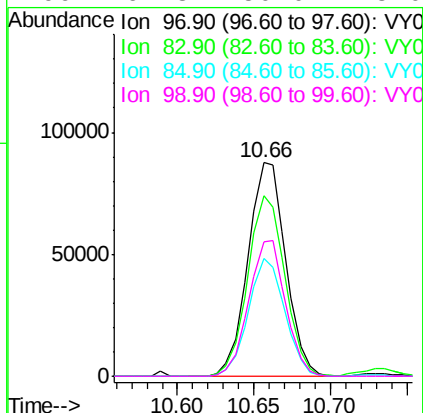
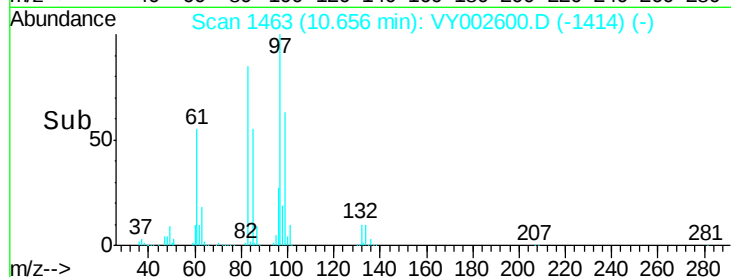
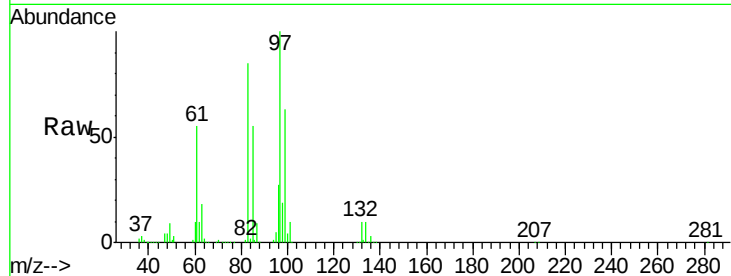
#55
 1,1,2-Trichloroethane
 Concen: 54.045 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		150291		
83	84.6	65.1	97.7		
85	55.4	42.7	64.1		
99	62.8	50.0	75.0		

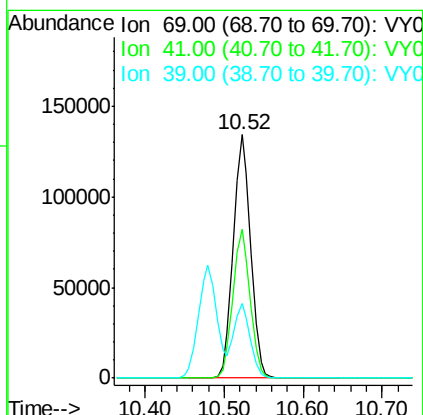
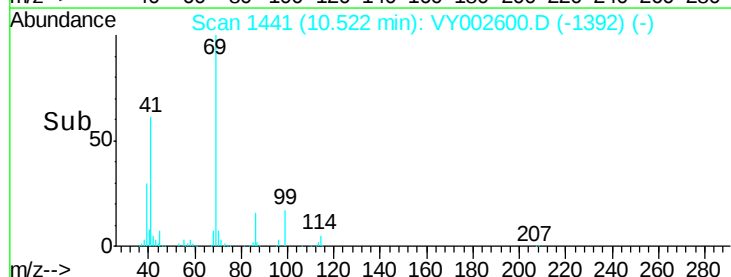
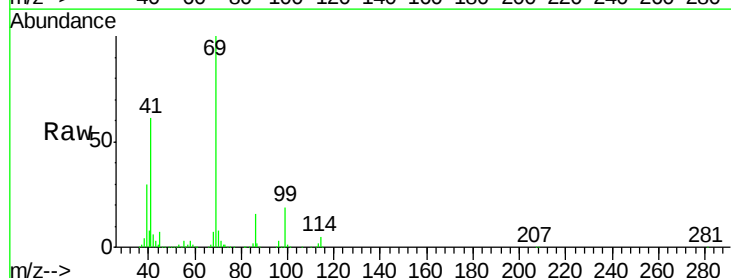
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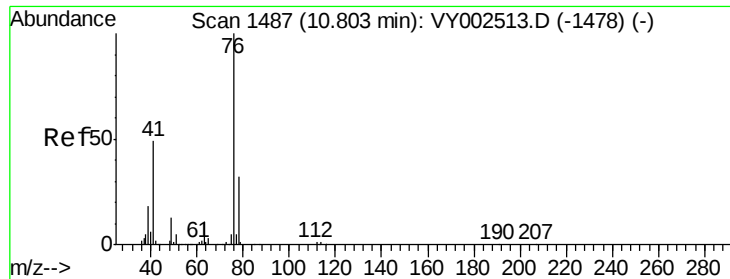
MMDadoda
 5/6/2020 10:26:37 AM



#56
 Ethyl methacrylate
 Concen: 55.887 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		206749		
41	60.4	48.6	73.0		
39	28.4	25.0	37.4		





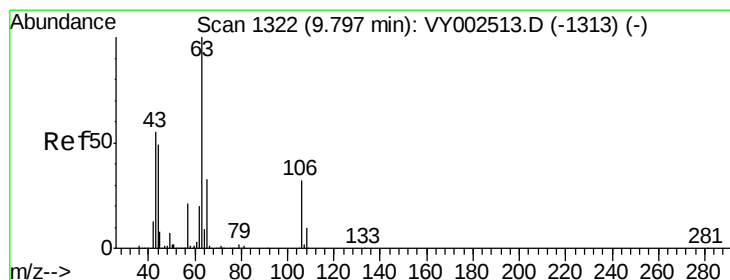
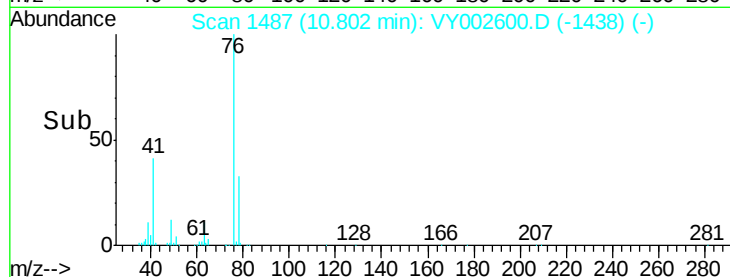
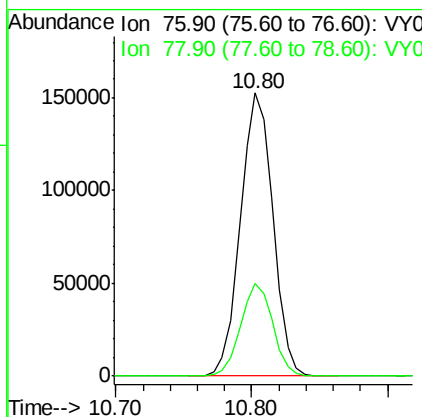
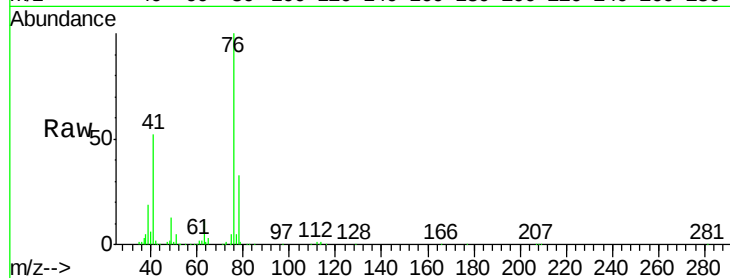
#57
 1,3-Dichloropropane
 Concen: 53.927 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.2

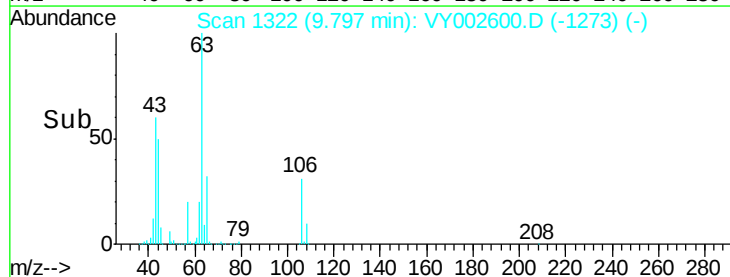
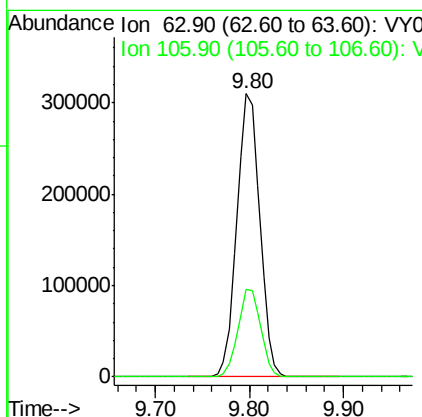
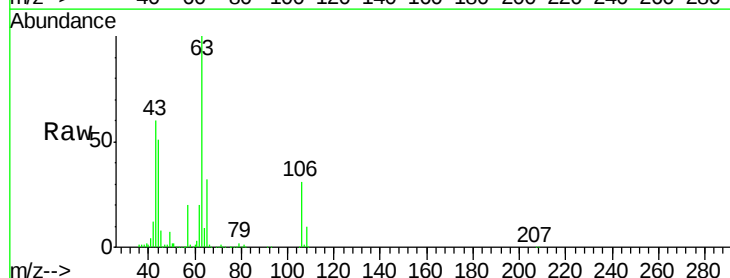
Manual Integrations
 APPROVED

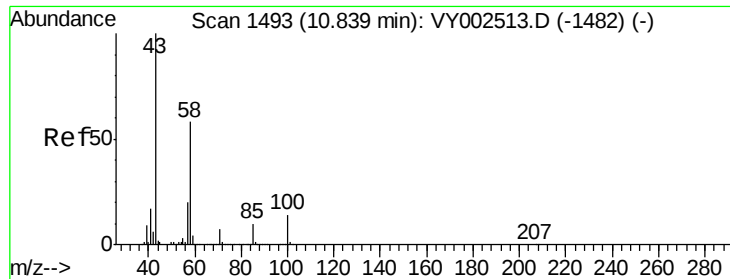
MMDadoda
 5/6/2020 10:26:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.158 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	25.2	37.8





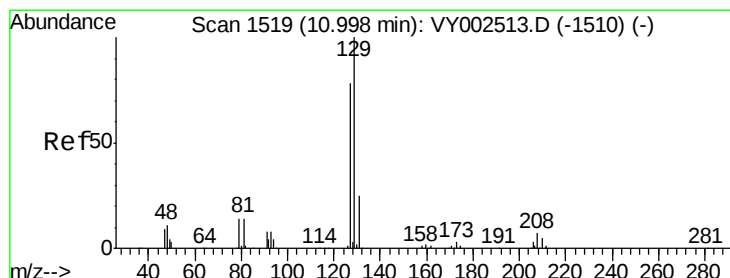
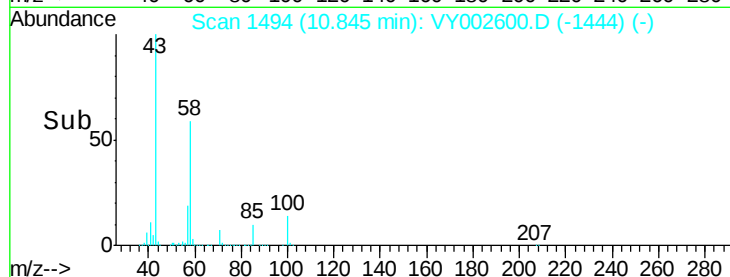
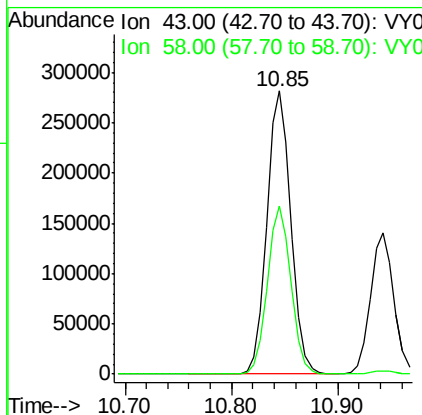
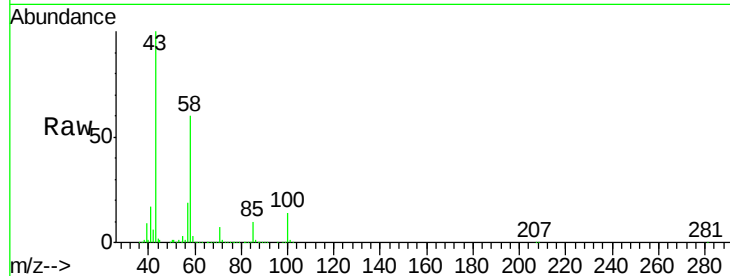
#59
2-Hexanone
Concen: 271.968 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 441954
Ion Ratio Lower Upper
43 100
58 58.4 29.1 87.3

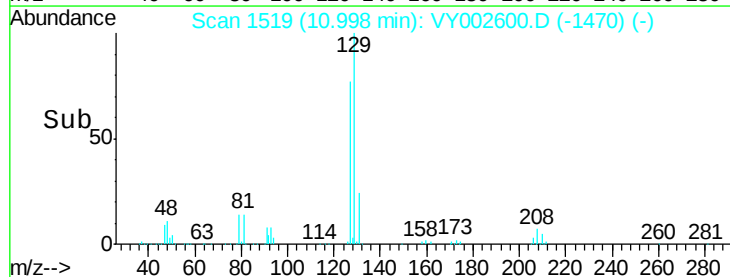
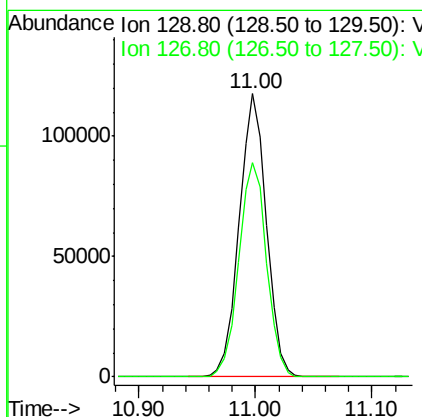
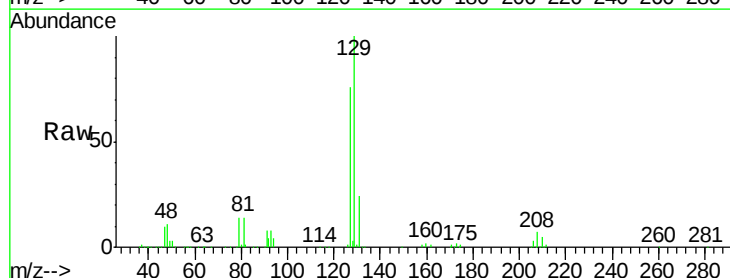
Manual Integrations
APPROVED

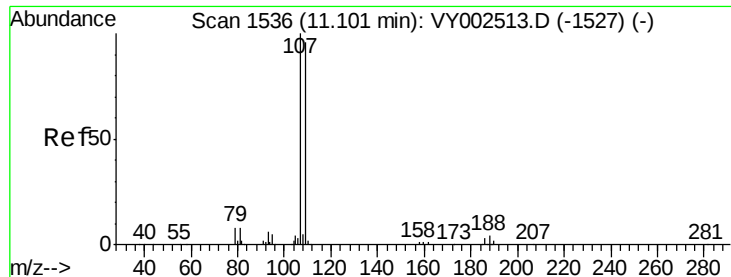
MMDadoda
5/6/2020 10:26:37 AM



#60
Dibromochloromethane
Concen: 54.125 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 129 Resp: 191434
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





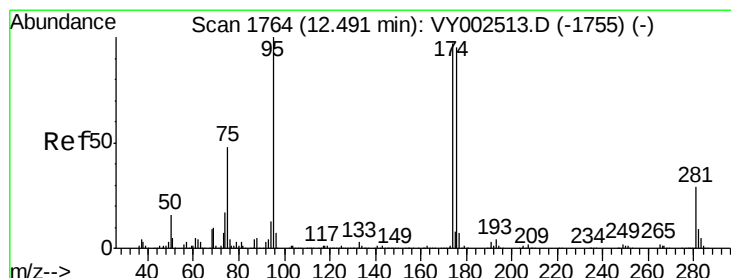
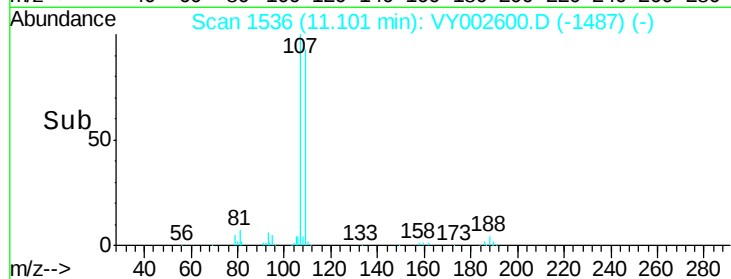
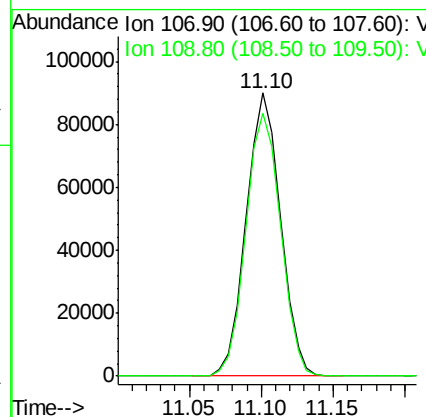
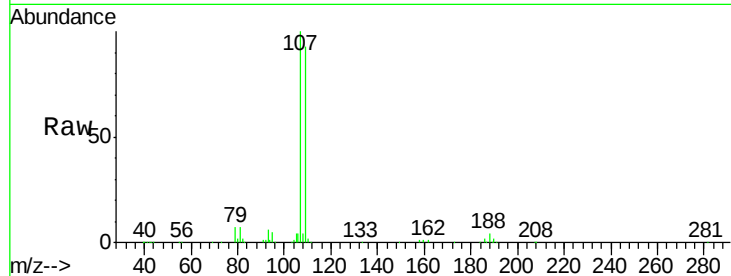
#61
 1,2-Dibromoethane
 Concen: 53.913 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

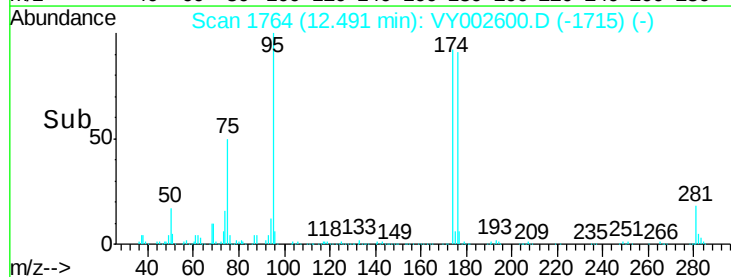
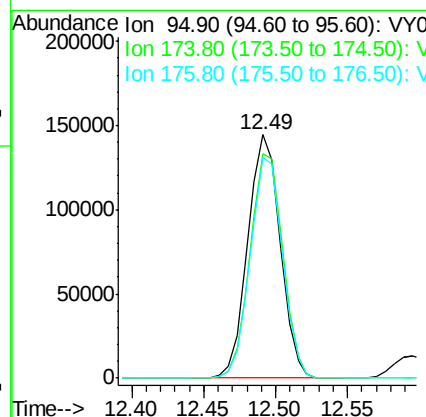
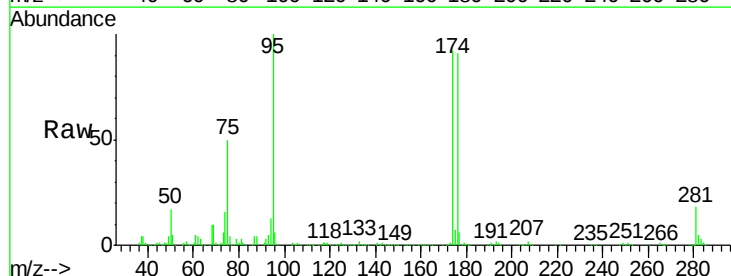
Manual Integrations
 APPROVED

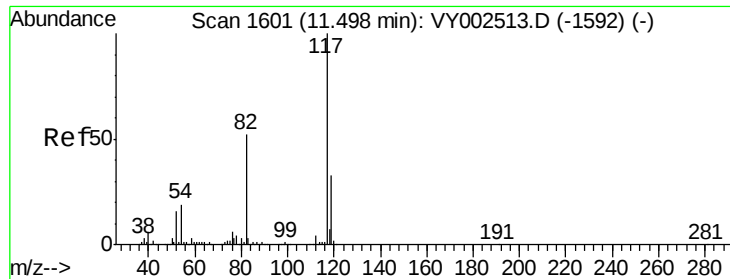
MMDadoda
 5/6/2020 10:26:37 AM



#62
 4-Bromofluorobenzene
 Concen: 52.241 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	188.8
176	90.3	0.0	183.2





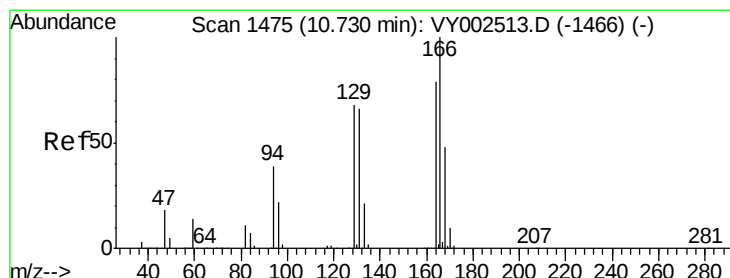
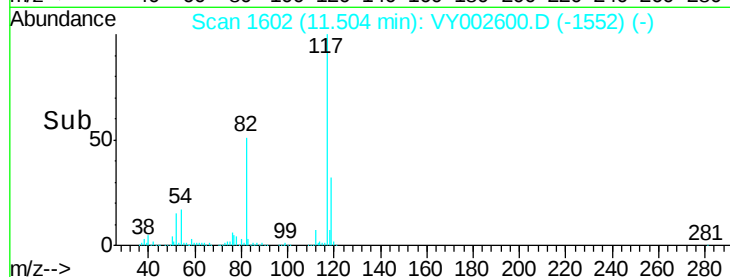
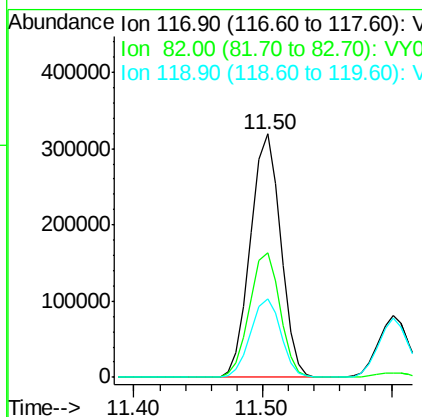
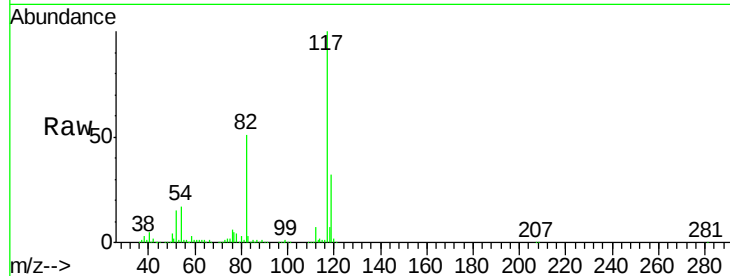
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	516727		
82	51.3		41.3	61.9
119	32.5		26.0	39.0

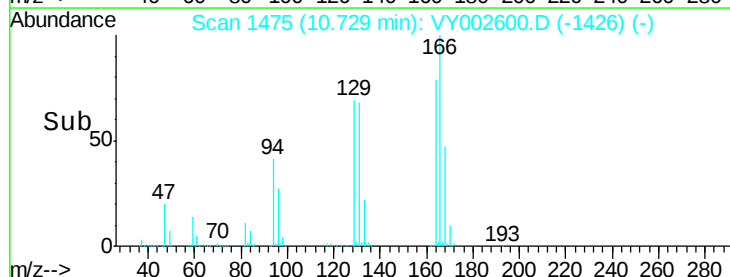
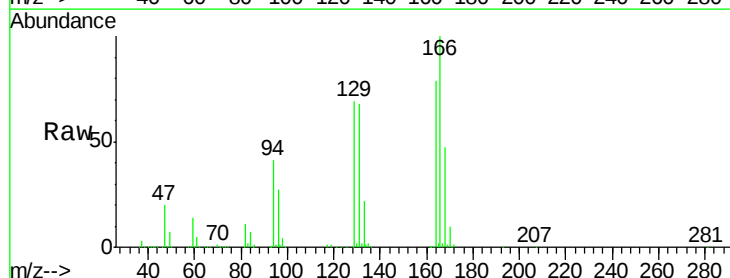
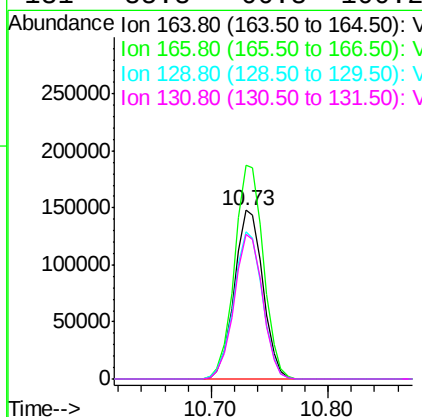
Manual Integrations
APPROVED

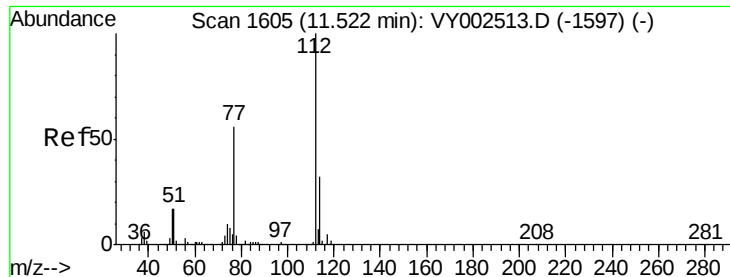
MMDadoda
5/6/2020 10:26:37 AM



#64
Tetrachloroethene
Concen: 55.058 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252779		
166	126.4		100.7	151.1
129	87.2		68.3	102.5
131	85.8		66.8	100.2





#65

Chlorobenzene

Concen: 53.072 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 521326

Ion Ratio Lower Upper

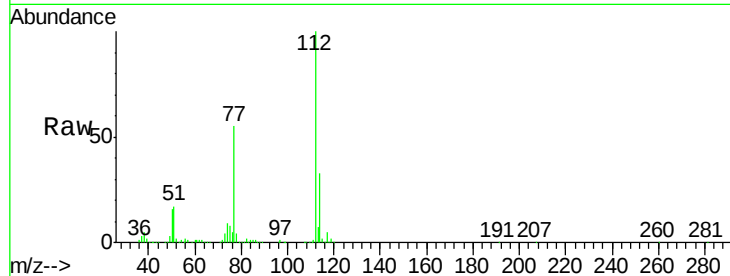
112 100

114 32.8 25.8 38.6

Manual Integrations
APPROVED

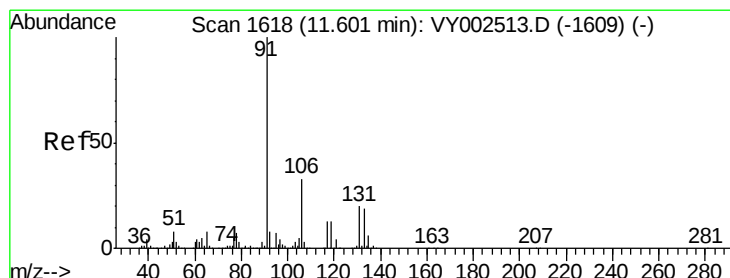
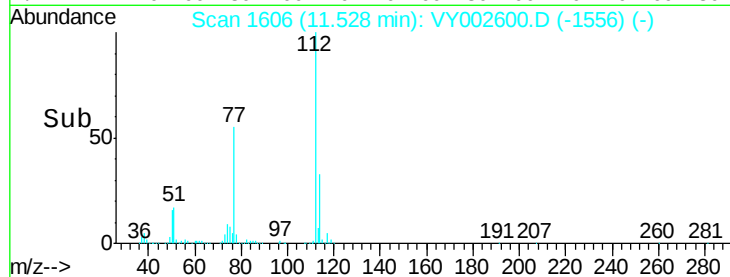
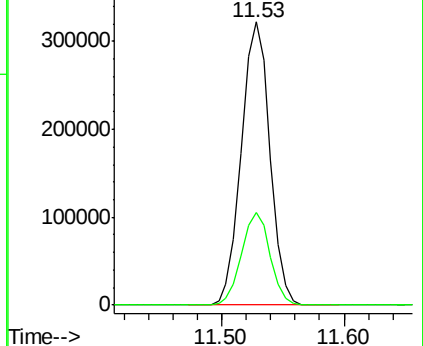
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.238 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

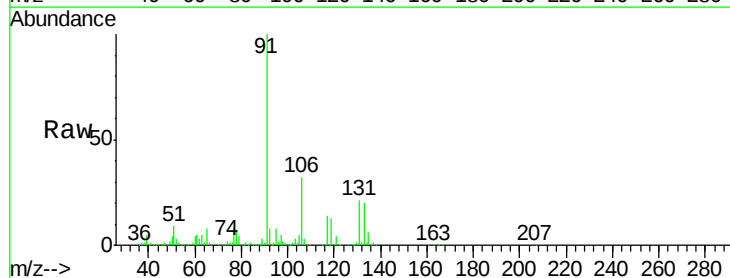
Tgt Ion:131 Resp: 197770

Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

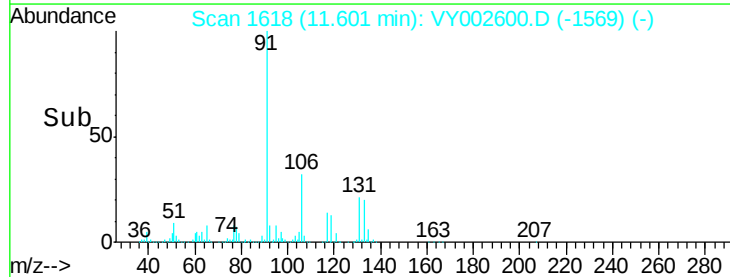
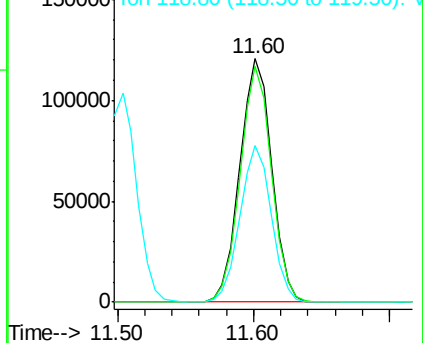
119 63.2 31.6 95.0

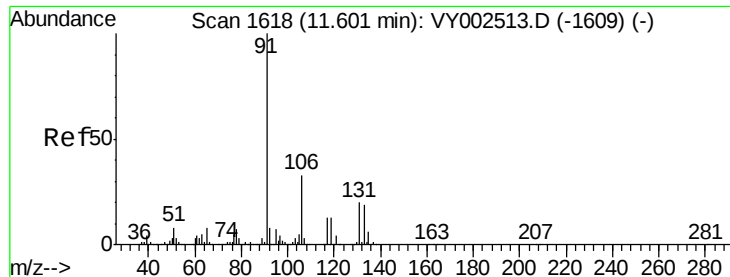


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





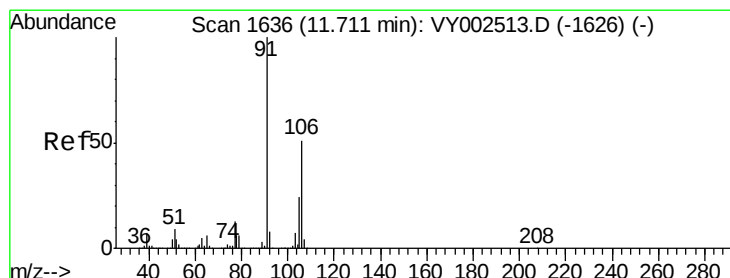
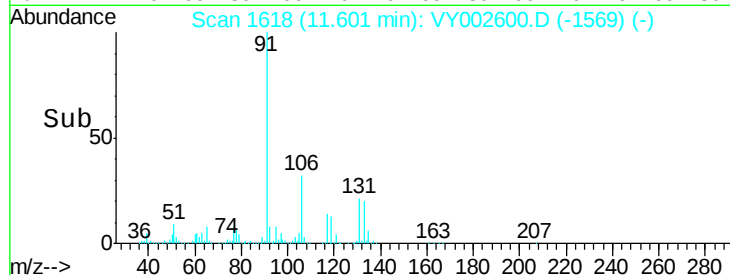
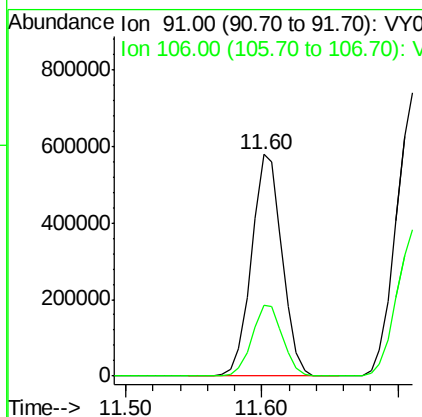
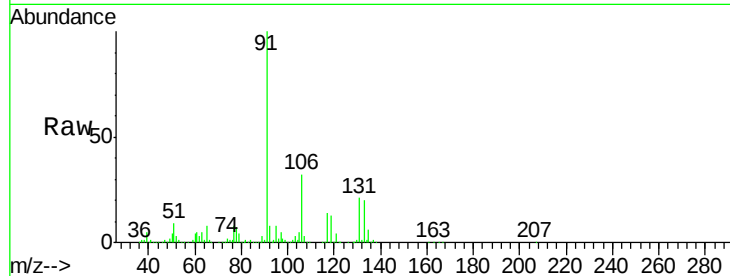
#67
Ethyl Benzene
Concen: 52.781 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 910718
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1

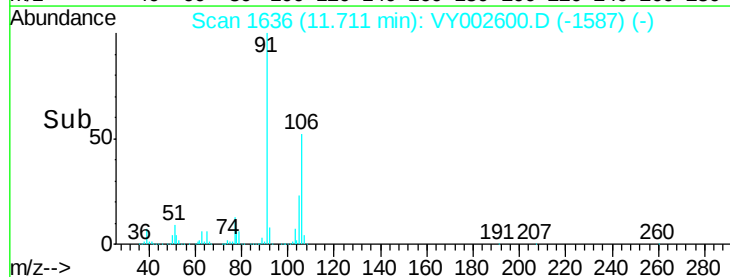
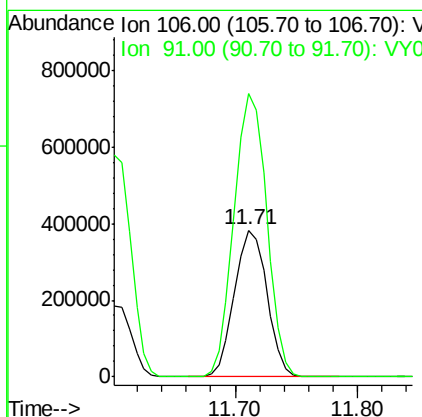
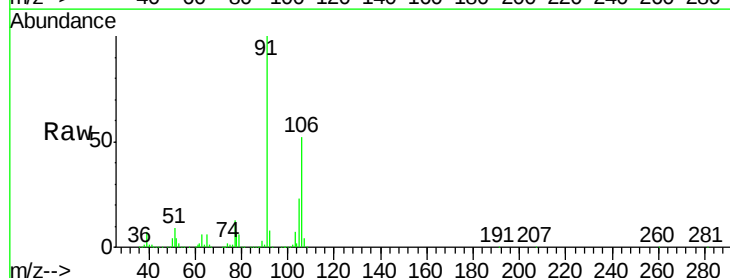
Manual Integrations
APPROVED

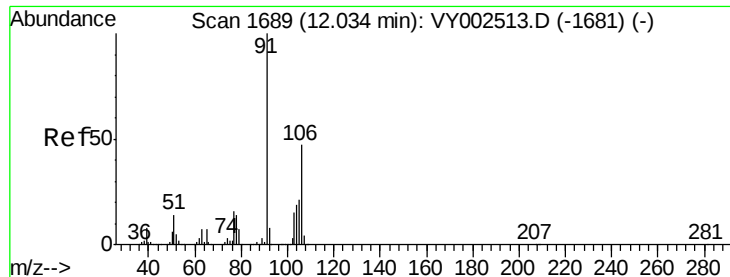
MMDadoda
5/6/2020 10:26:37 AM



#68
m/p-Xylenes
Concen: 105.980 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion: 106 Resp: 707550
Ion Ratio Lower Upper
106 100
91 194.3 155.2 232.8





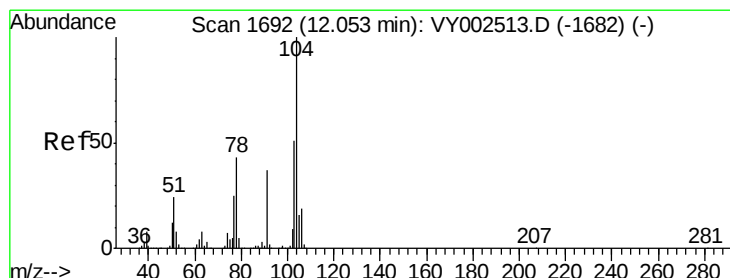
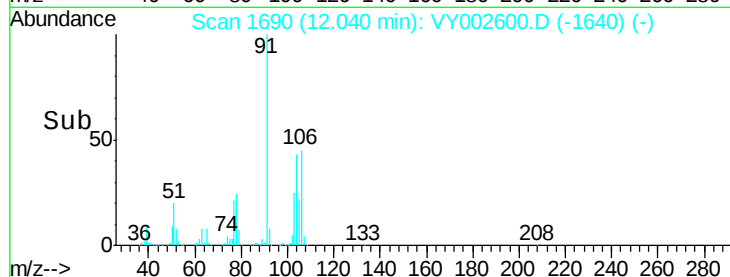
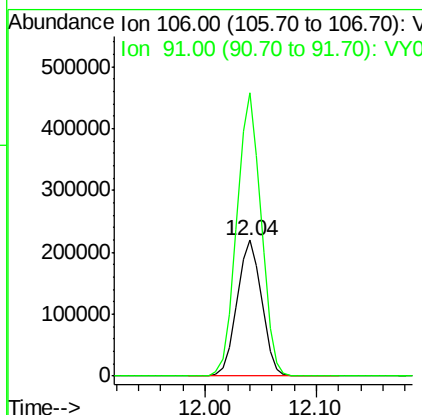
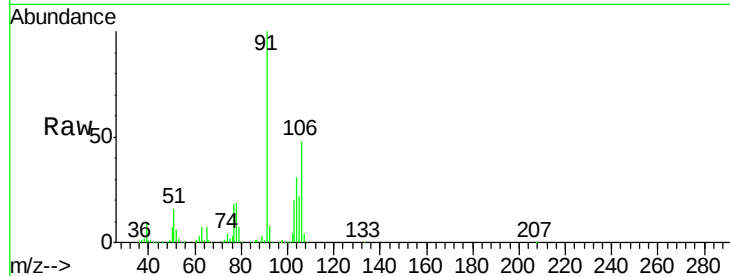
#69
o-Xylene
Concen: 53.892 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.0	103.8	311.3

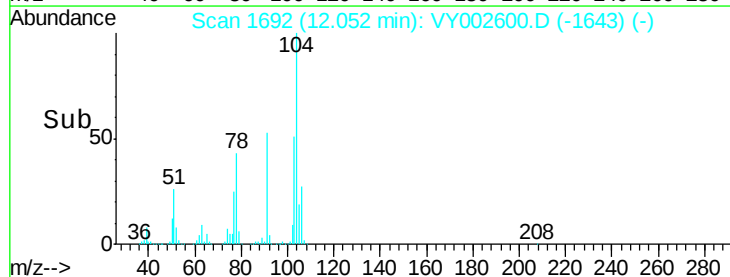
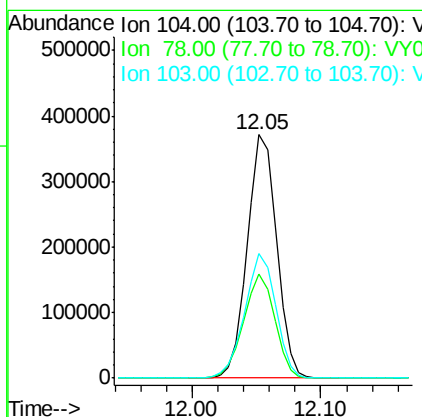
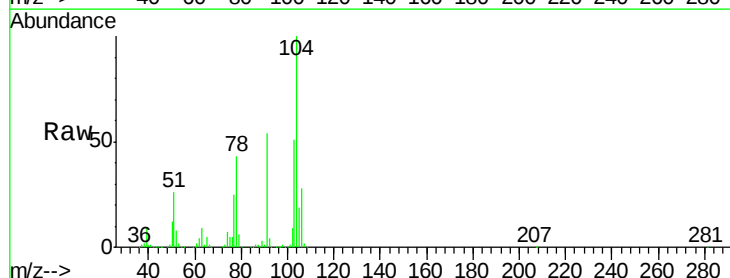
Manual Integrations
APPROVED

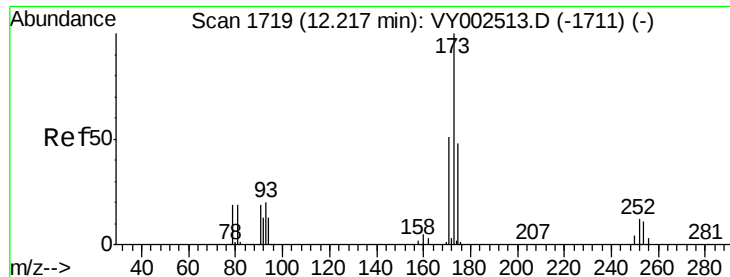
MMDadoda
5/6/2020 10:26:37 AM



#70
Styrene
Concen: 54.608 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.8	37.4	56.0
103	103	54.2	43.9	65.9





#71

Bromoform

Concen: 53.020 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

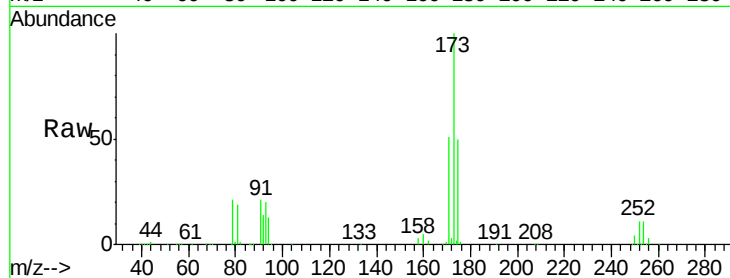
ClientSampleId :

VSTDCCC050EC

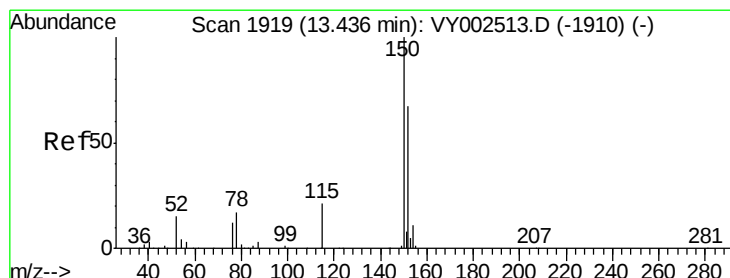
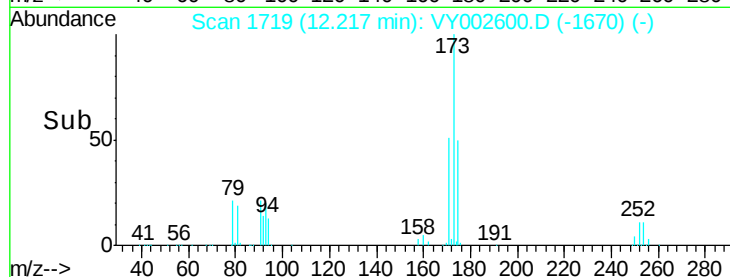
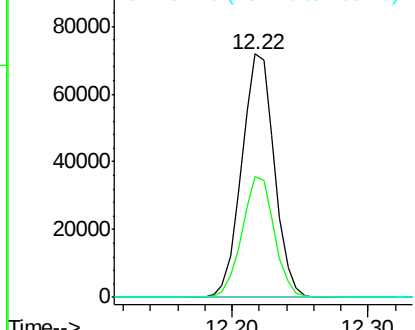
Tot Ion:	173	Resp:	119993
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.3	72.8
254	0.1	0.2	0.2#

Manual Integrations
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MMDadoda
5/6/2020 10:26:37 AM



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

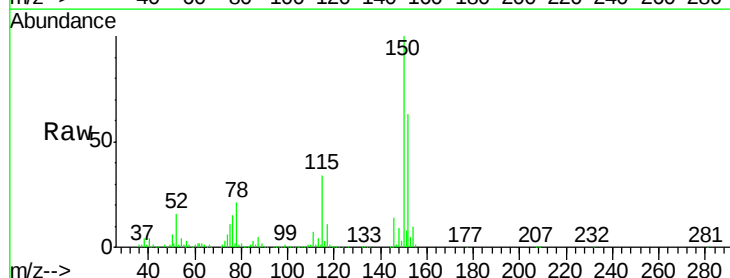
RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

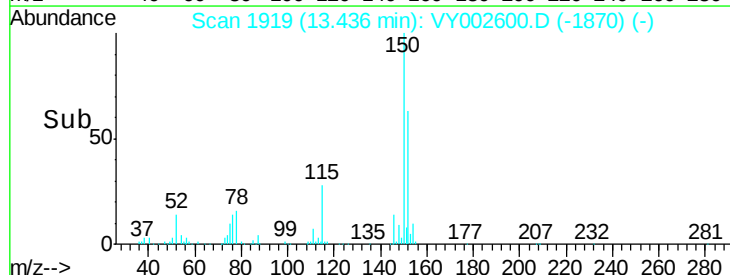
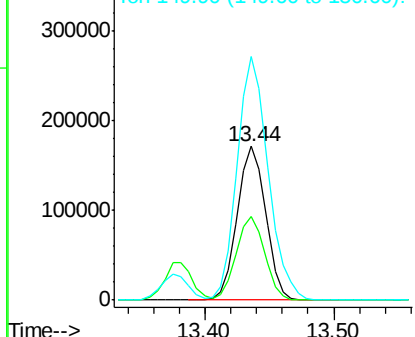
Lab File: VY002600.D

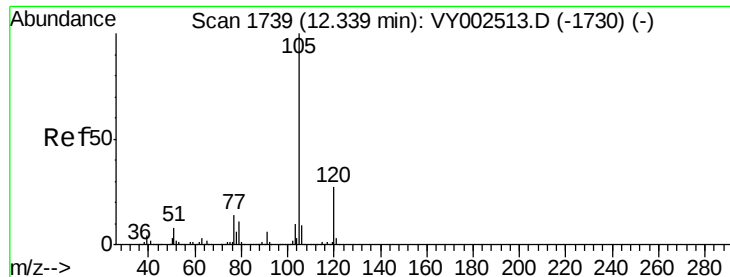
Acq: 05 May 2020 21:02

Tgt Ion:	152	Resp:	262355
Ion Ratio	Lower	Upper	
152	100		
115	54.7	27.5	82.4
150	172.8	0.0	346.4



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





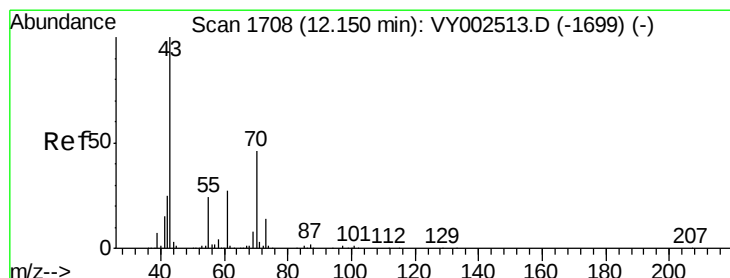
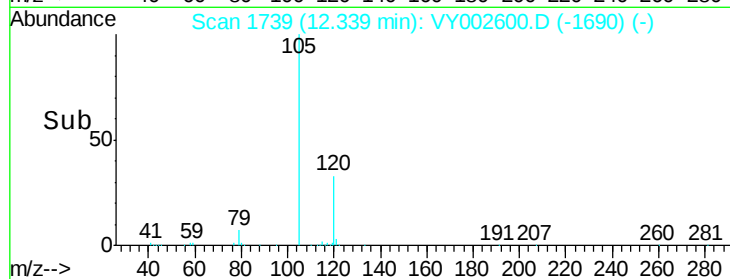
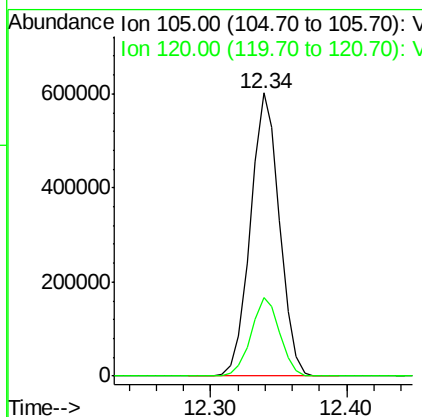
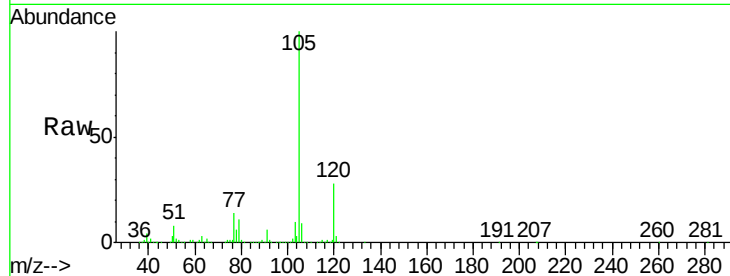
#73
Isopropylbenzene
Concen: 52.765 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.8	41.3

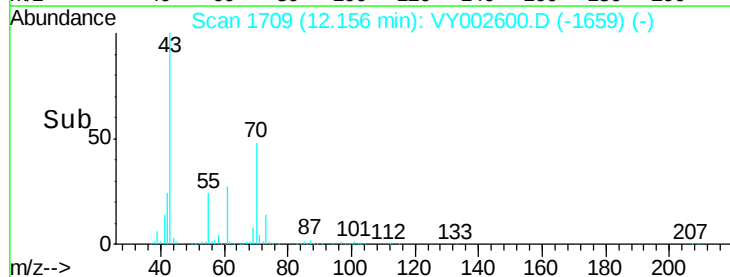
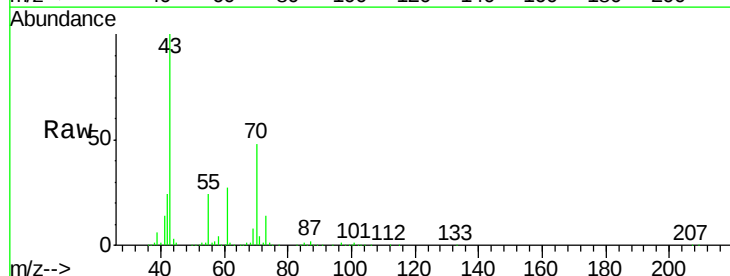
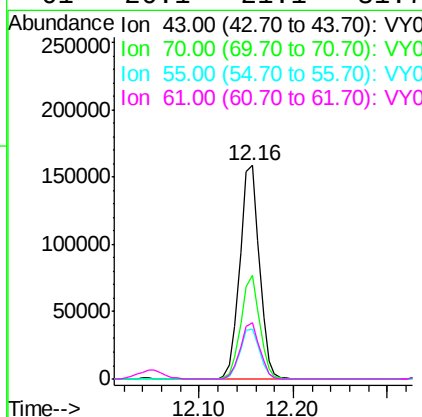
Manual Integrations
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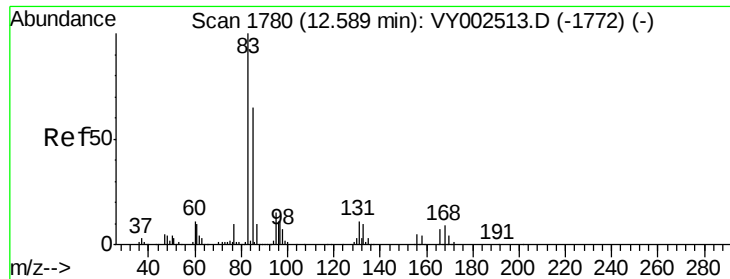
MMDadoda
5/6/2020 10:26:37 AM



#74
N-ethyl acetate
Concen: 56.143 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.6	36.7	55.1
55	23.9	19.2	28.8
61	26.1	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.814 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

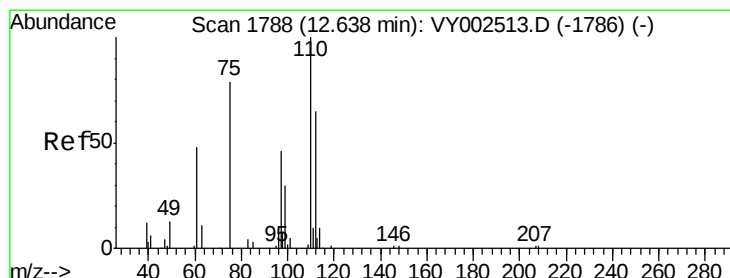
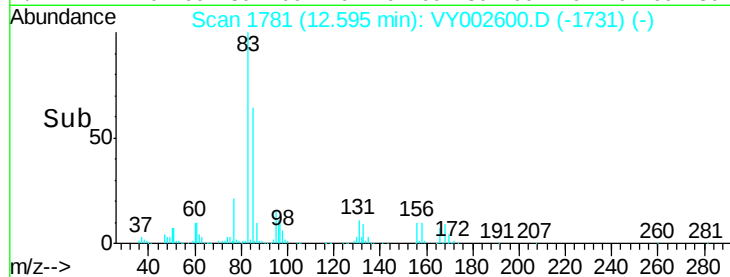
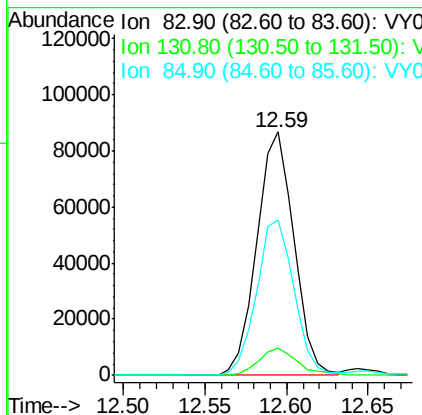
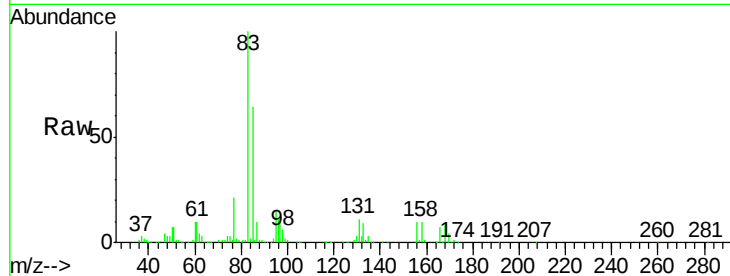
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	137407
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.9	17.8
85	64.5	31.9	95.9

Manual Integrations
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5/6/2020 10:26:37 AM



#76

1,2,3-Trichloropropane

Concen: 48.768 ug/l m

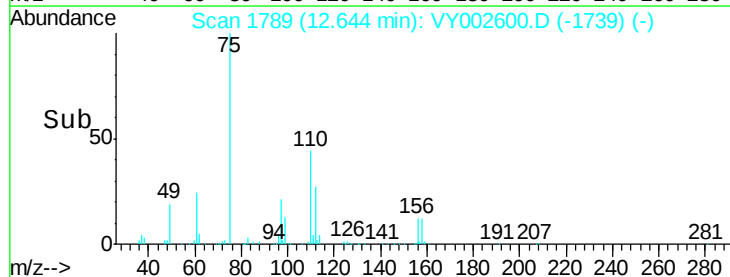
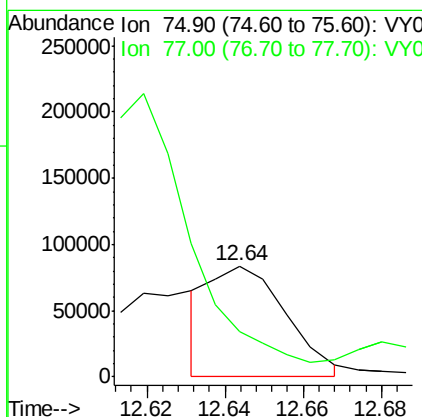
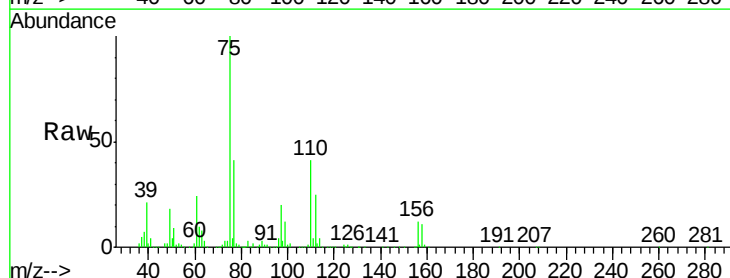
RT: 12.64 min Scan# 1789

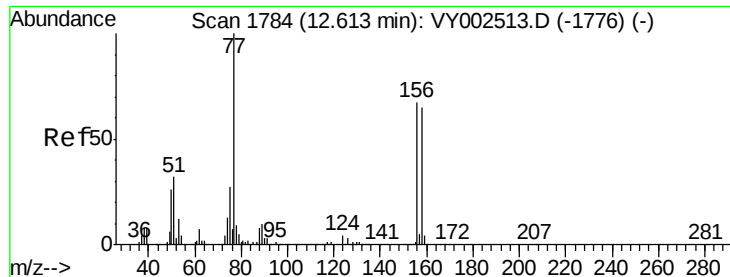
Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion:	75	Resp:	113701
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





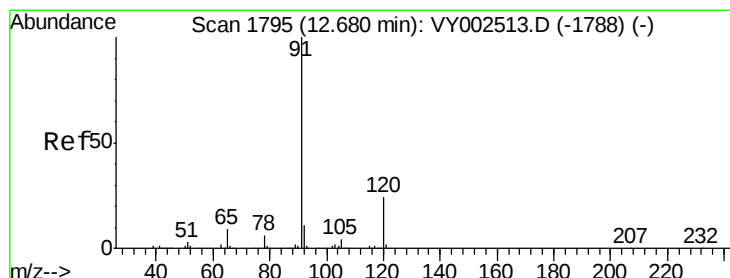
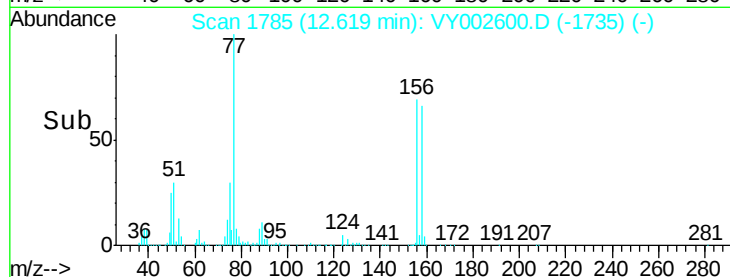
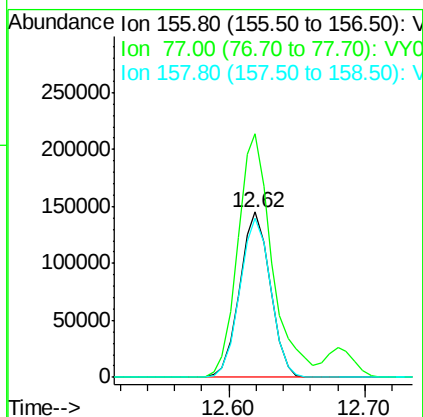
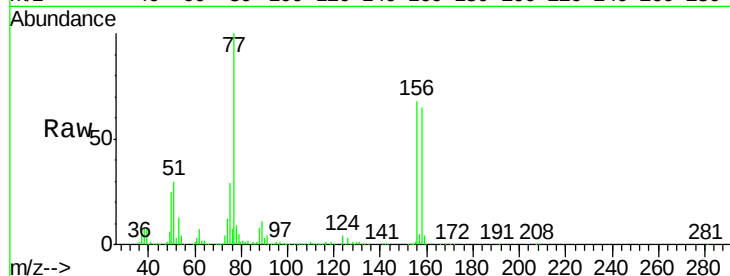
#77
Bromobenzene
Concen: 53.392 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	165.3	82.0	245.8
158	97.6	48.5	145.6

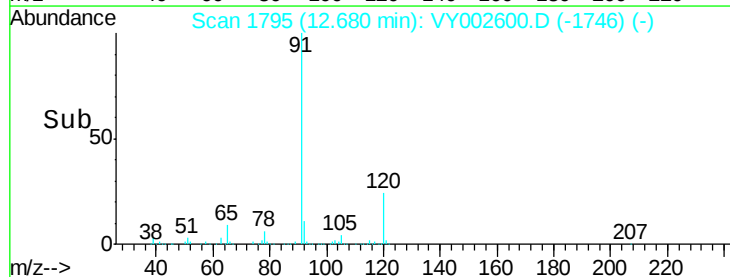
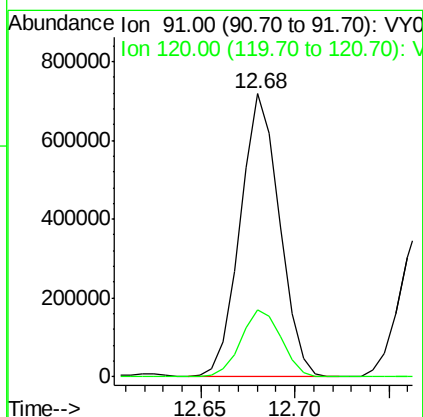
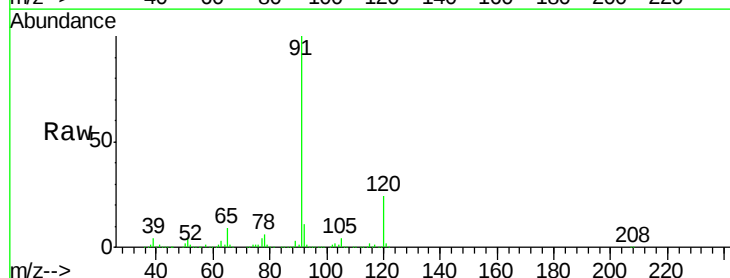
Manual Integrations
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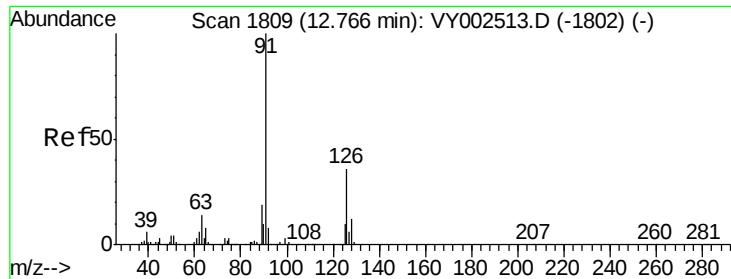
MMDadoda
5/6/2020 10:26:37 AM



#78
n-propylbenzene
Concen: 52.651 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.2	36.4





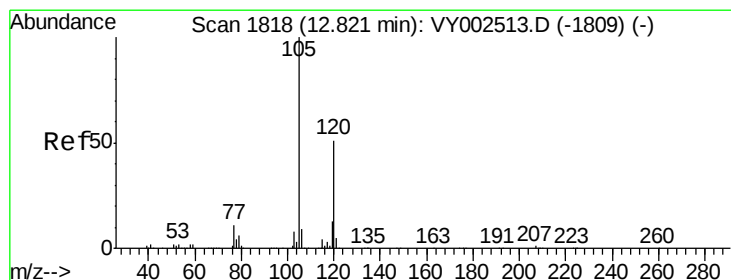
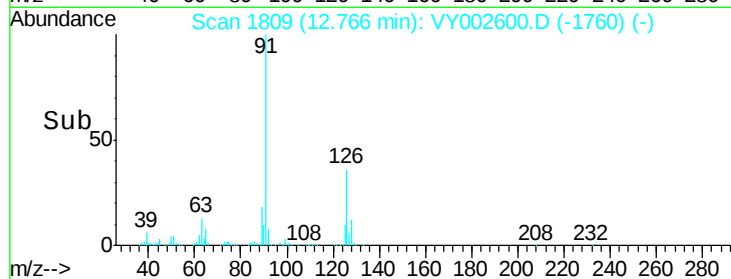
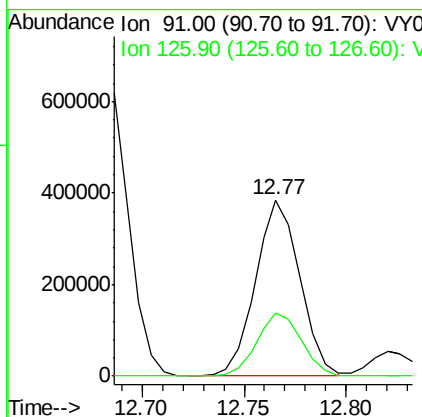
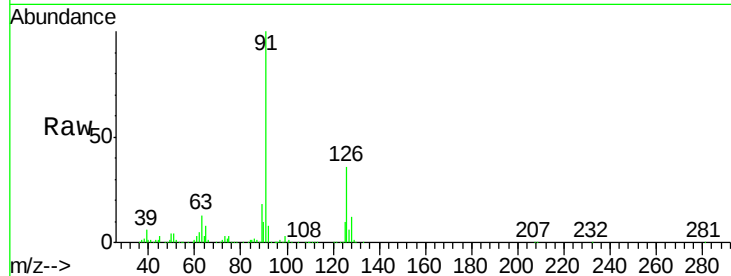
#79
 2-Chlorotoluene
 Concen: 53.082 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 580182
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.4 55.2

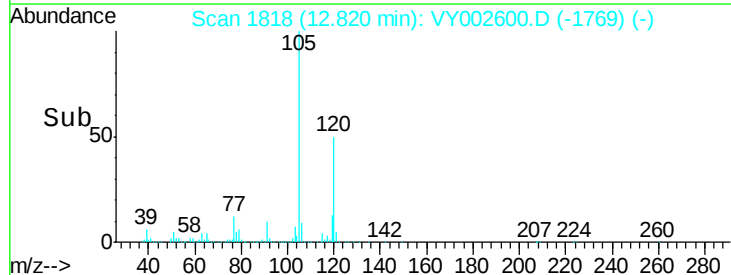
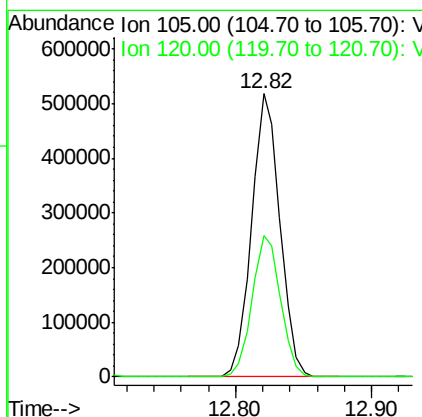
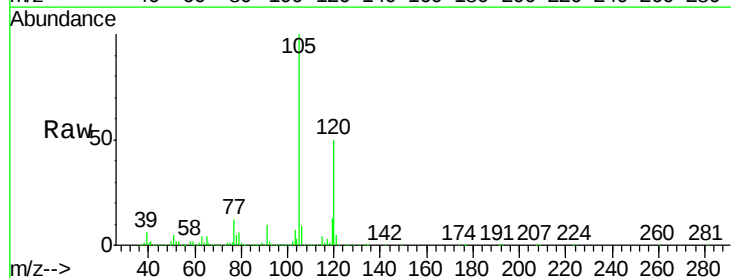
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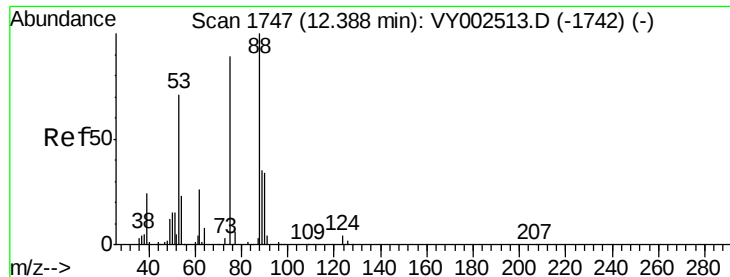
MMDadoda
 5/6/2020 10:26:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.523 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion: 105 Resp: 754371
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.788 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

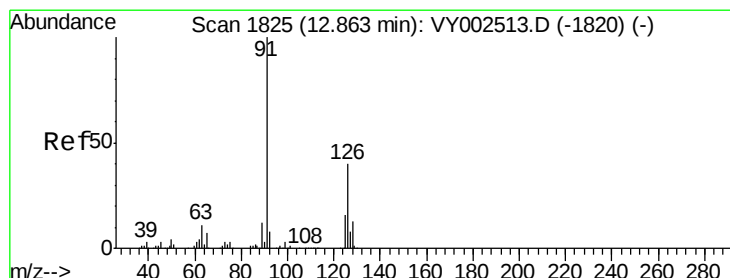
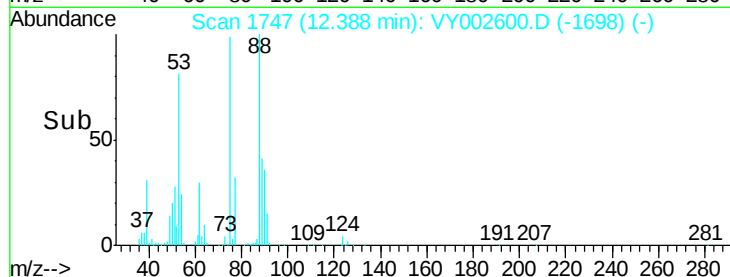
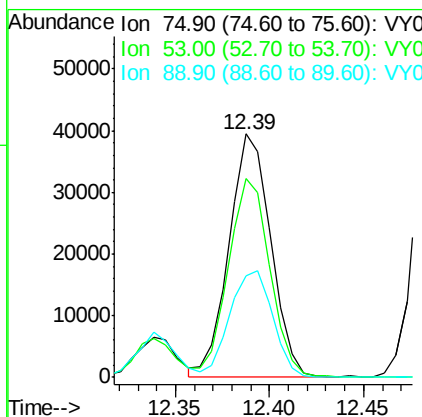
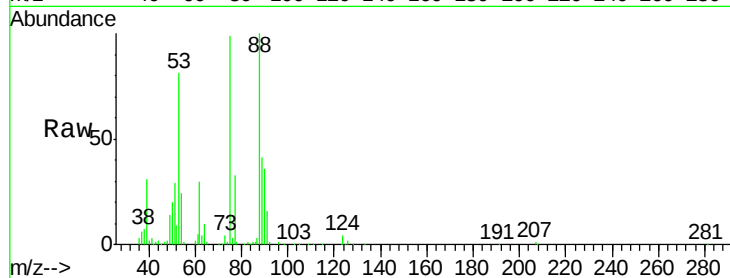
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	60215
Ion	Ratio	Lower	Upper
75	100		
53	81.5	67.4	101.0
89	45.4	37.4	56.0

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#82

4-Chlorotoluene

Concen: 52.833 ug/l

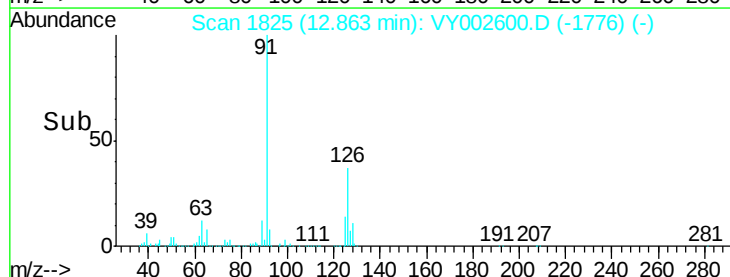
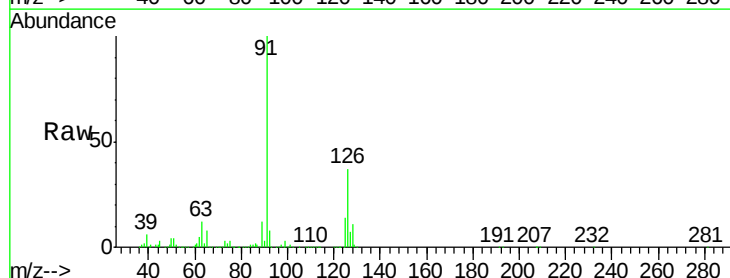
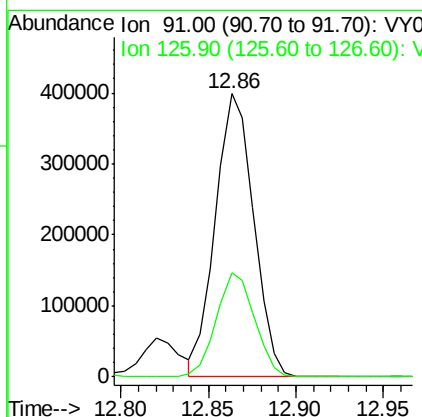
RT: 12.86 min Scan# 1825

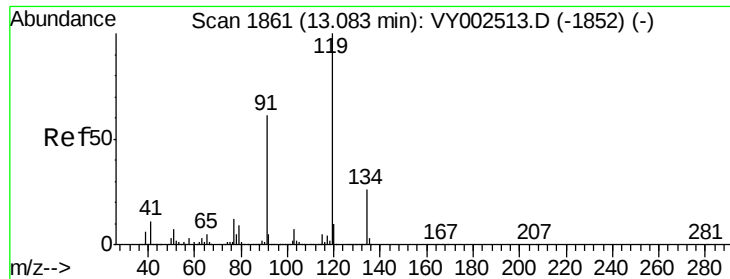
Delta R.T. -0.00 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Tgt Ion:	91	Resp:	606587
Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.5	55.5





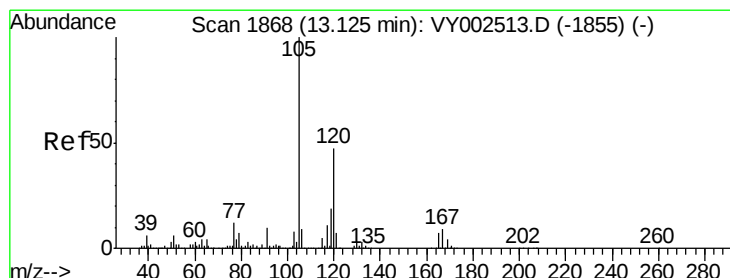
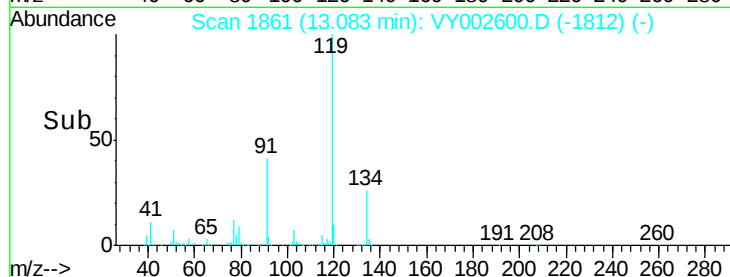
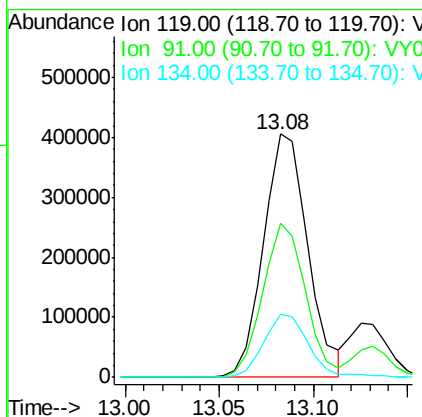
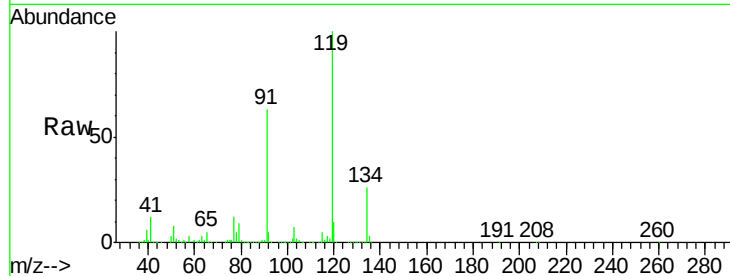
#83
tert-Butylbenzene
Concen: 53.509 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.6	91.6
134	26.4	13.5	40.4

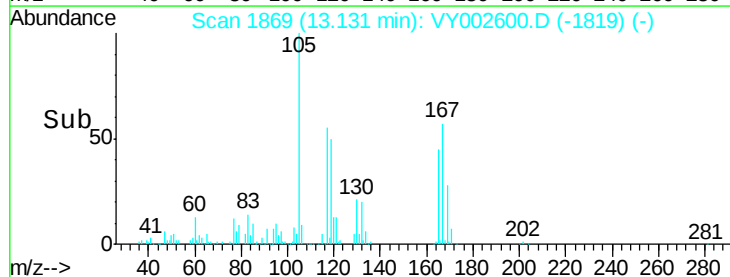
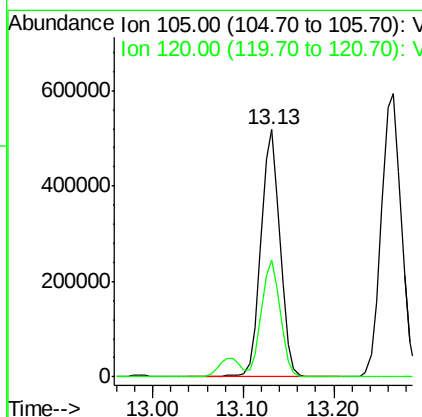
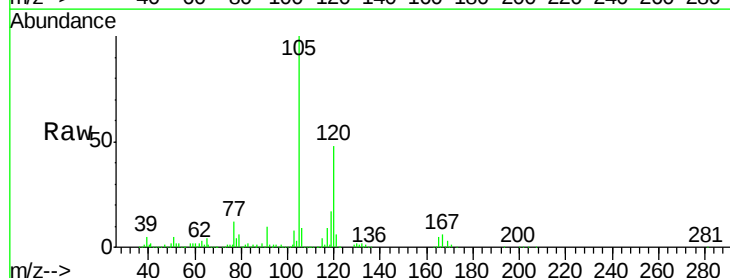
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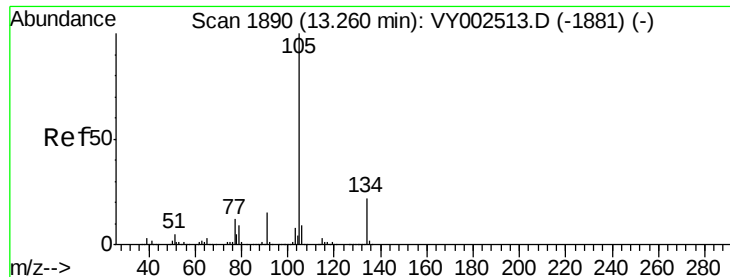
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.503 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 52.548 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 901119

Ion Ratio Lower Upper

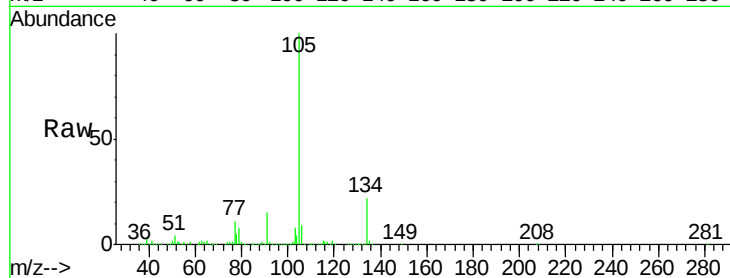
105 100

134 21.4 10.8 32.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

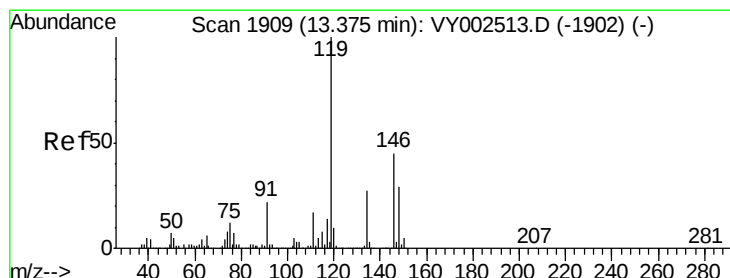
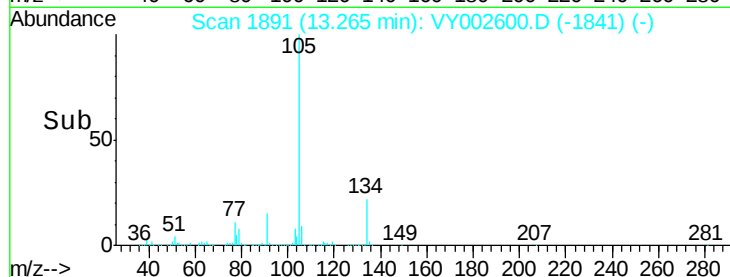
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.502 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002600.D

Acq: 05 May 2020 21:02

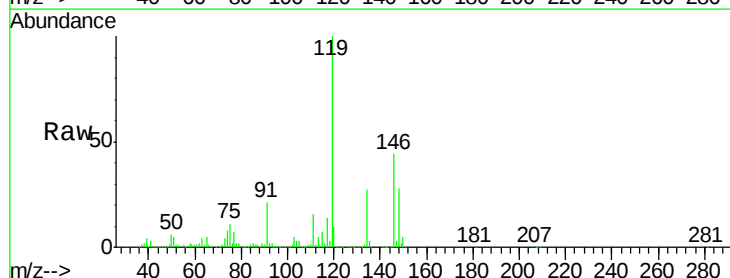
Tgt Ion:119 Resp: 843597

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.7 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

800000

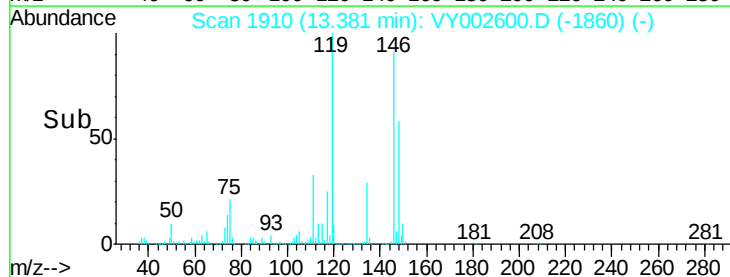
600000

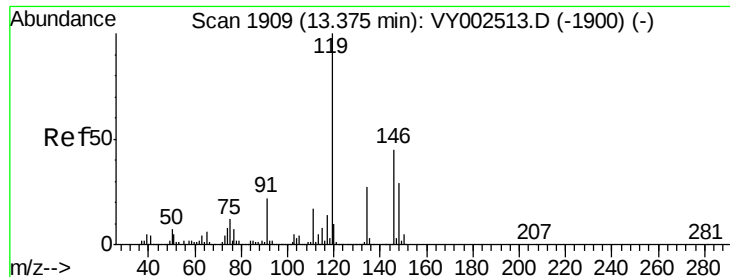
400000

200000

0

Time-->





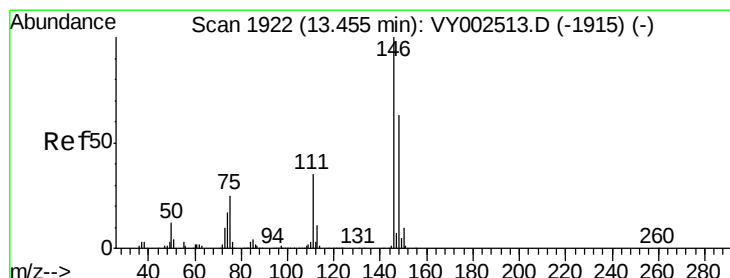
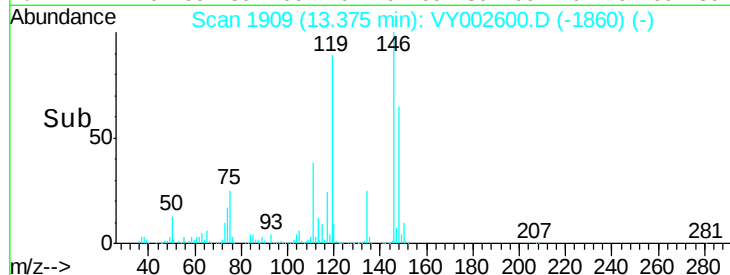
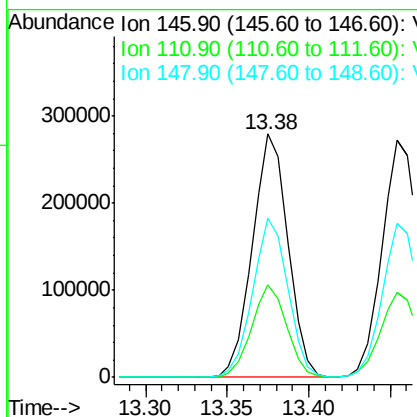
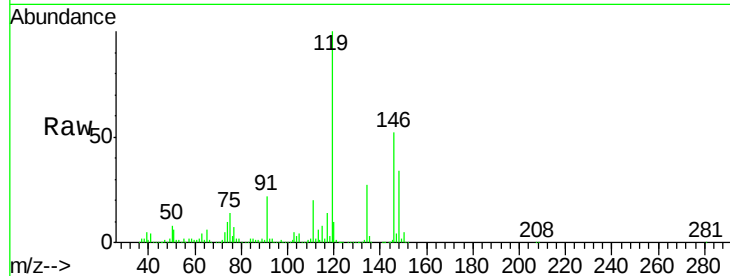
#87
 1,3-Dichlorobenzene
 Concen: 52.863 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.3
148	64.5	32.1	96.3

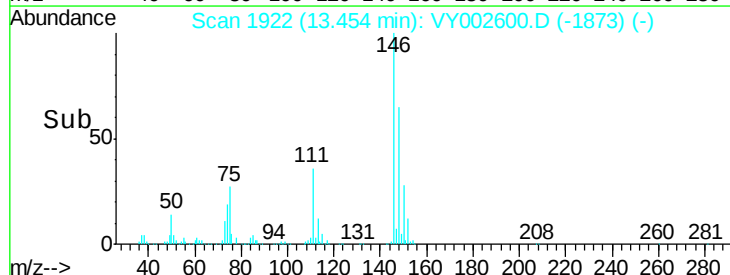
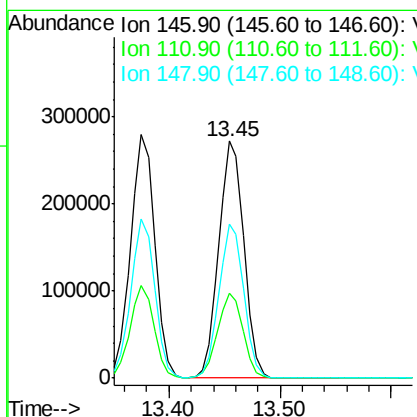
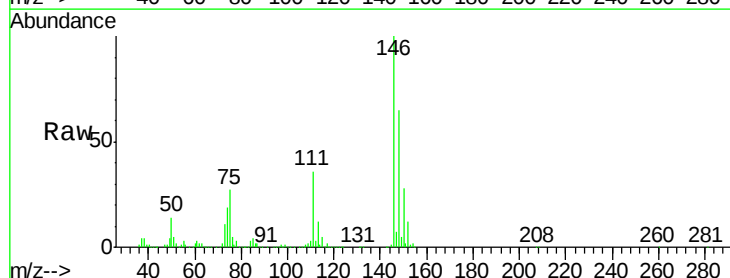
Manual Integrations
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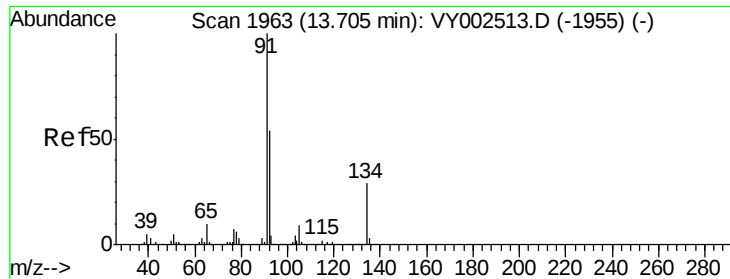
MMDadoda
 5/6/2020 10:26:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.277 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.1	31.9	95.5





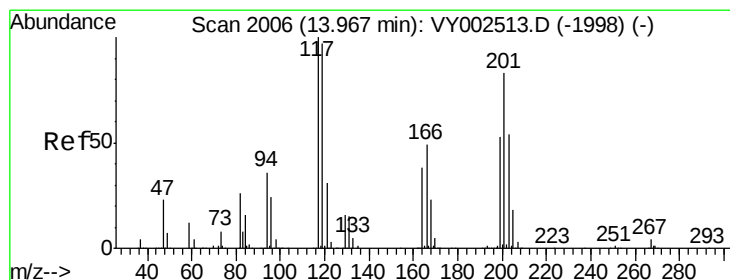
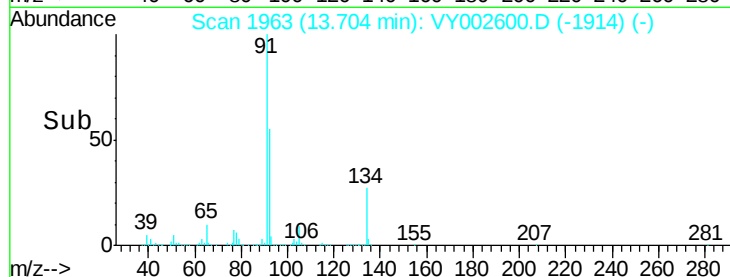
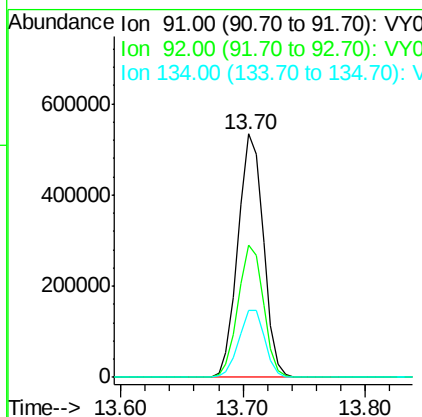
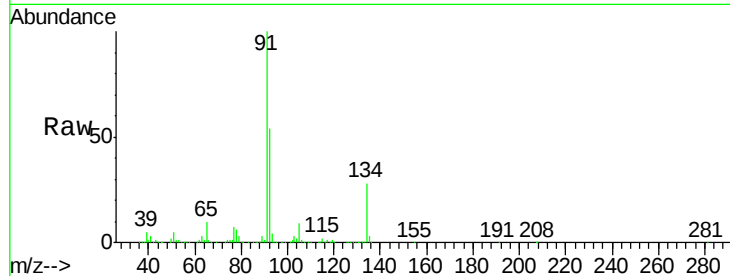
#89
n-Butylbenzene
Concen: 52.310 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	28.2	14.4	43.0

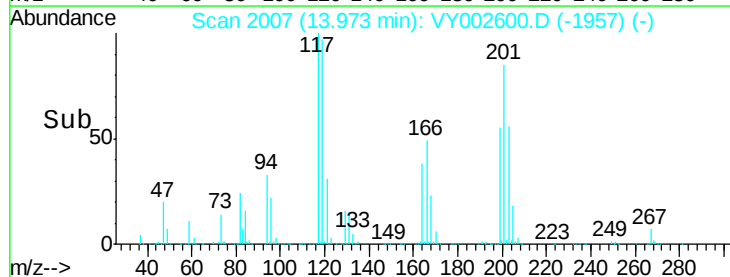
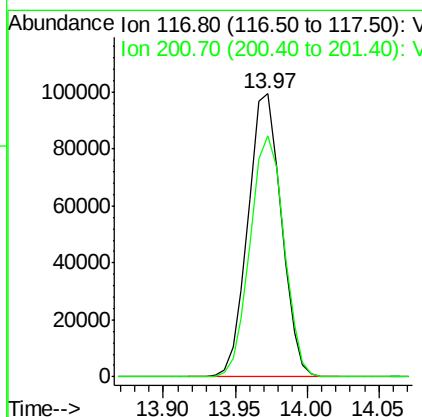
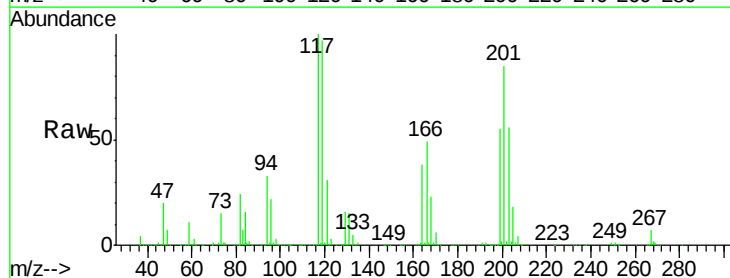
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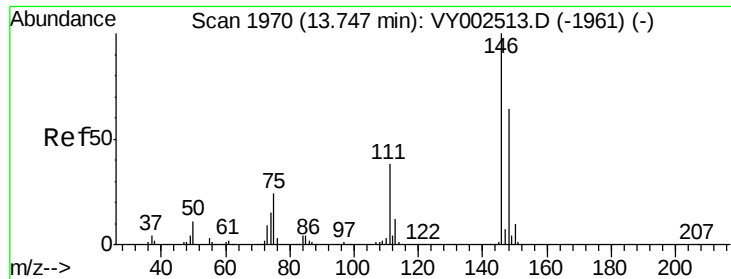
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#90
Hexachloroethane
Concen: 54.516 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	44.4	133.2





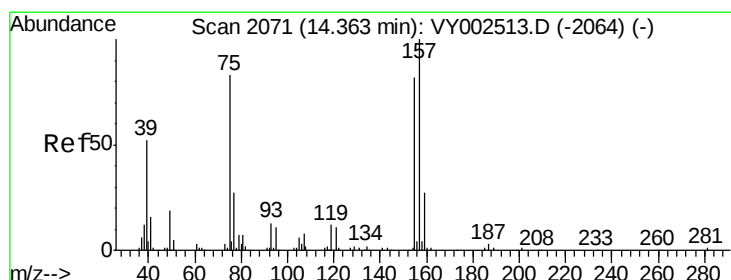
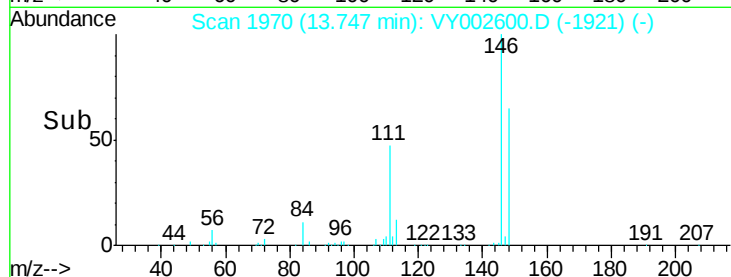
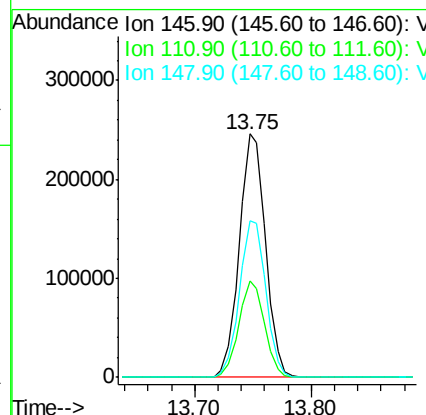
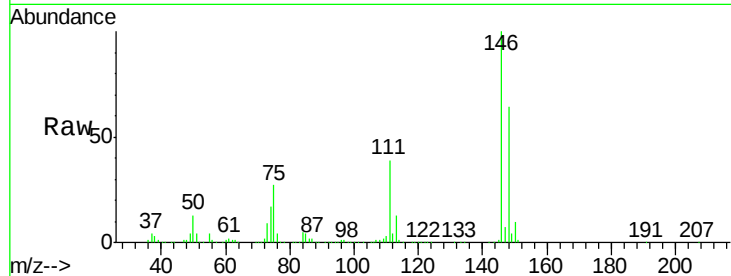
#91
 1,2-Dichlorobenzene
 Concen: 53.787 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	64.7	31.9	95.7

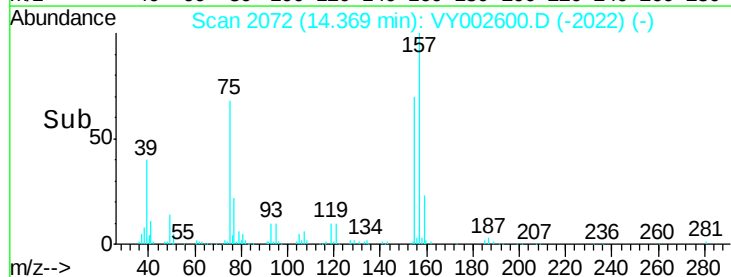
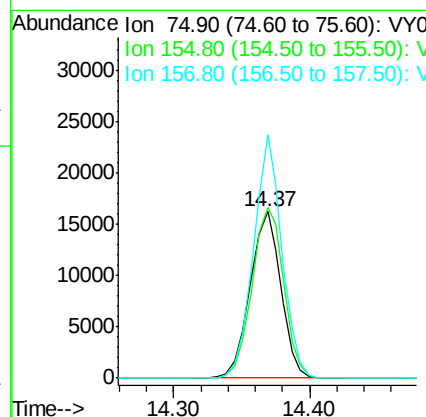
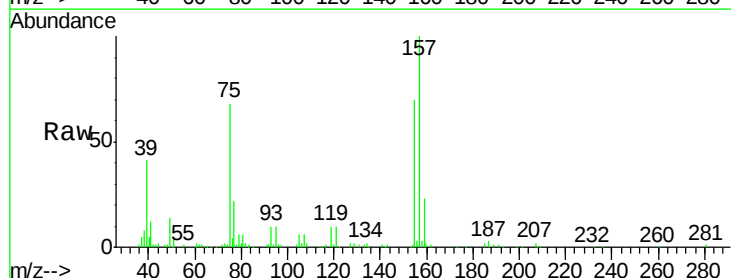
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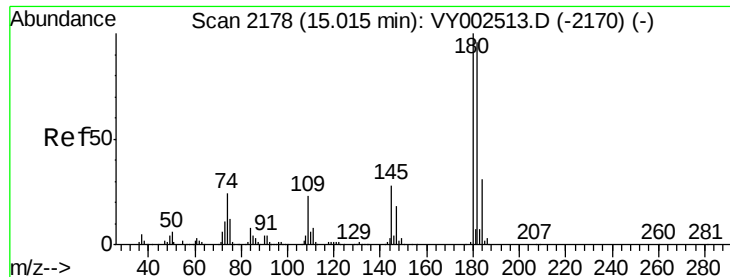
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.934 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.5	51.3	153.9
157	134.7	65.0	195.0





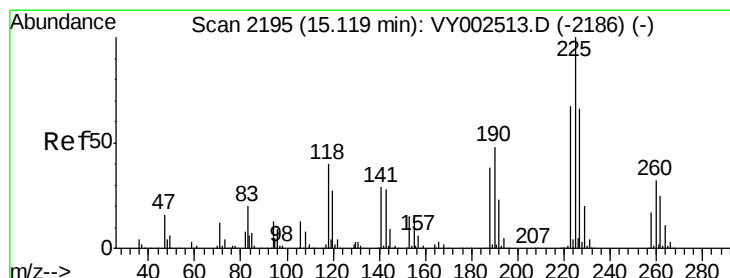
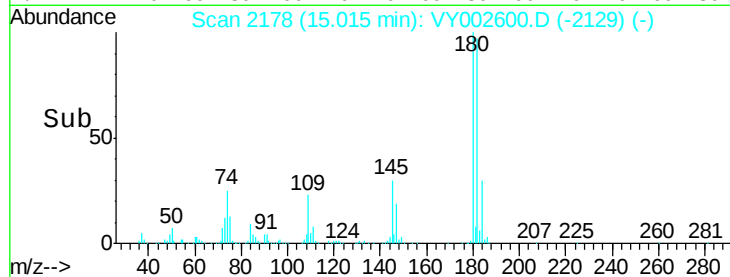
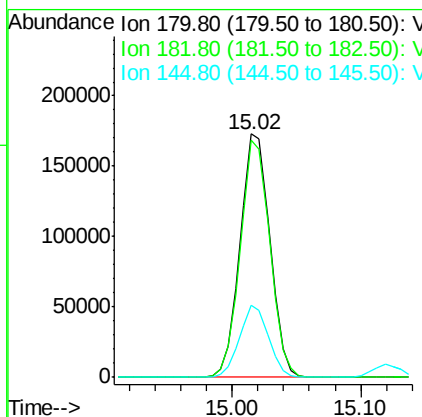
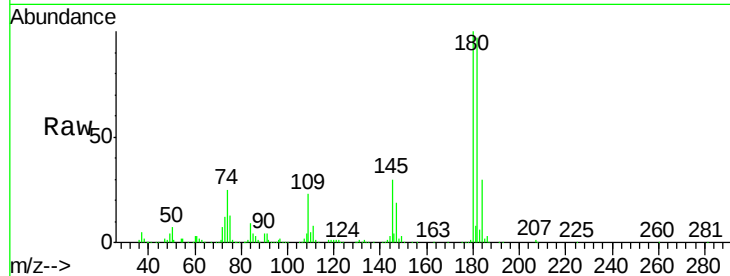
#93
 1,2,4-Trichlorobenzene
 Concen: 53.099 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	276571		
182	96.3	47.9	143.6	
145	28.8	14.4	43.0	

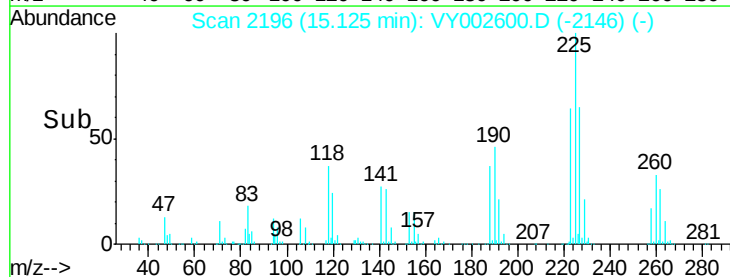
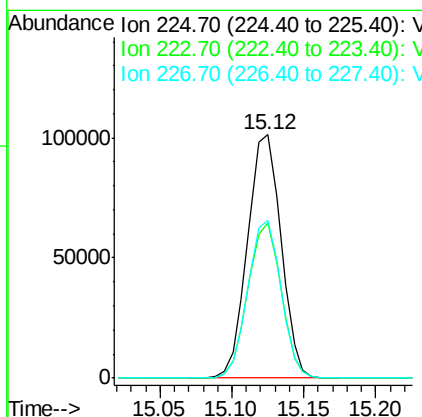
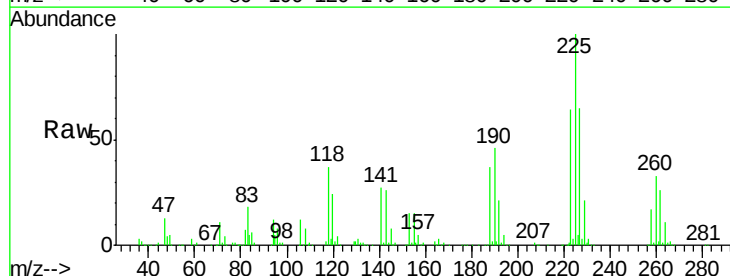
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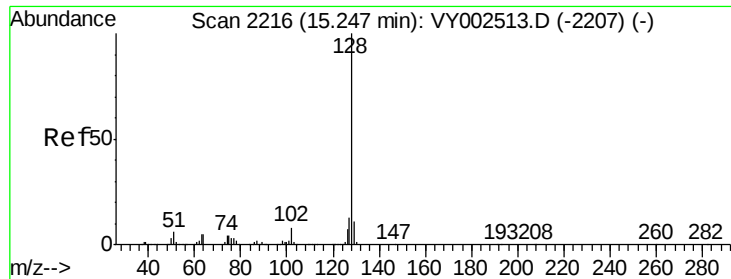
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#94
 Hexachlorobutadiene
 Concen: 52.123 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002600.D
 Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162961		
223	63.2	32.1	96.5	
227	64.1	32.0	96.2	





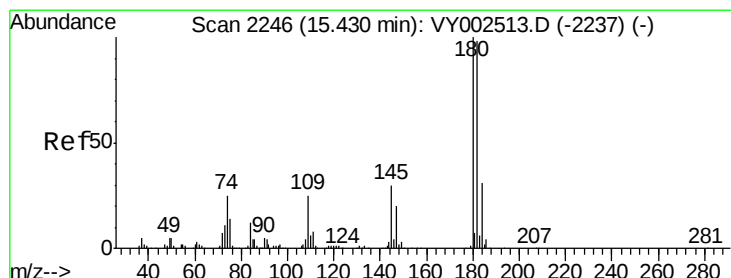
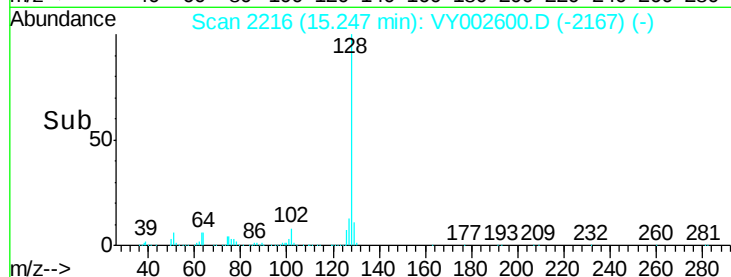
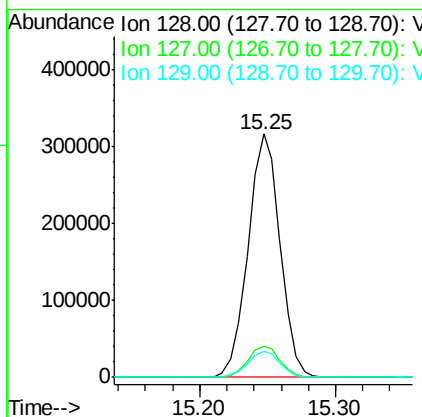
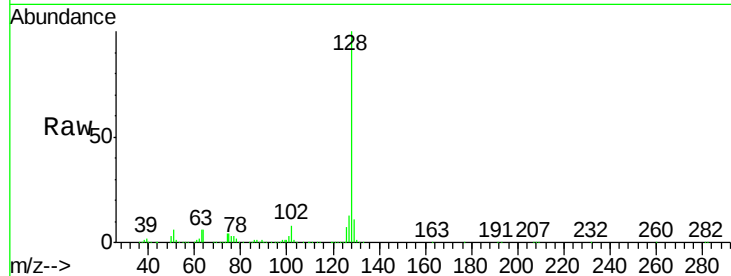
#95
Naphthalene
Concen: 54.676 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.064 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002600.D
Acq: 05 May 2020 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	30.5	15.0	45.1

