

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002791.D
 Acq On : 28 May 2020 16:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:09 AM

Quant Time: May 28 17:11:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	475858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	446252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	142900	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.72	113	148034	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	10.18	98	572873	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.48	95	199283	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	97788	44.851	ug/l	98
3) Chloromethane	2.12	50	115606	47.937	ug/l	99
4) Vinyl Chloride	2.25	62	125338	49.172	ug/l	98
5) Bromomethane	2.65	94	94556	49.501	ug/l	98
6) Chloroethane	2.79	64	82222	49.759	ug/l	99
7) Trichlorofluoromethane	3.13	101	218598	48.421	ug/l	98
8) Diethyl Ether	3.53	74	84565	47.973	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	136157	50.797	ug/l	98
10) Methyl Iodide	4.10	142	185539	49.469	ug/l	99
11) Tert butyl alcohol	4.97	59	80420	273.144	ug/l	100
12) 1,1-Dichloroethene	3.88	96	136477	50.629	ug/l	99
13) Acrolein	3.73	56	75886	235.367	ug/l	100
14) Allyl chloride	4.49	41	206526	53.419	ug/l	98
15) Acrylonitrile	5.17	53	213599	268.594	ug/l	100
16) Acetone	3.96	43	165331	256.273	ug/l	99
17) Carbon Disulfide	4.19	76	401105	49.241	ug/l	97
18) Methyl Acetate	4.48	43	88489	54.755	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	388337	52.184	ug/l	98
20) Methylene Chloride	4.72	84	159748	50.670	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	152460	50.292	ug/l	96
22) Diisopropyl ether	6.13	45	430855	53.629	ug/l	99
23) Vinyl Acetate	6.07	43	1457913	274.857	ug/l	99
24) 1,1-Dichloroethane	6.02	63	246596	52.471	ug/l	98
25) 2-Butanone	6.99	43	266134	264.778	ug/l	96
26) 2,2-Dichloropropane	6.99	77	218360	48.446	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	174027	51.280	ug/l	100
28) Bromochloromethane	7.34	49	101041	52.372	ug/l	98
29) Tetrahydrofuran	7.35	42	177014	270.749	ug/l	99
30) Chloroform	7.51	83	259545	52.044	ug/l	98
31) Cyclohexane	7.79	56	224396	48.090	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	231095	49.728	ug/l	99
36) 1,1-Dichloropropene	7.92	75	200452	50.007	ug/l	100
37) Ethyl Acetate	7.08	43	116707	53.512	ug/l	99
38) Carbon Tetrachloride	7.91	117	215233	48.334	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002791.D
 Acq On : 28 May 2020 16:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:09 AM

Quant Time: May 28 17:11:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	259101	49.039	ug/l	96
40) Benzene	8.16	78	597575	50.452	ug/l	99
41) Methacrylonitrile	7.33	41	74898m	63.925	ug/l	
42) 1,2-Dichloroethane	8.24	62	165930	49.988	ug/l	100
43) Isopropyl Acetate	8.28	43	218257	52.810	ug/l	100
44) Trichloroethene	8.94	130	186343	49.807	ug/l	99
45) 1,2-Dichloropropane	9.22	63	146763	51.670	ug/l	98
46) Dibromomethane	9.31	93	87257	51.727	ug/l	99
47) Bromodichloromethane	9.50	83	206689	51.974	ug/l	99
48) Methyl methacrylate	9.30	41	99258	53.201	ug/l	98
49) 1,4-Dioxane	9.30	88	27702	1069.517	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	585339	267.465	ug/l	98
52) Toluene	10.24	92	385374	49.737	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	221705	51.042	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	252110	51.223	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	131646	50.975	ug/l	96
56) Ethyl methacrylate	10.51	69	183745	53.120	ug/l	99
57) 1,3-Dichloropropane	10.79	76	217796	51.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	441481	261.199	ug/l	99
59) 2-Hexanone	10.83	43	412199	265.460	ug/l	100
60) Dibromochloromethane	10.99	129	167013	51.009	ug/l	100
61) 1,2-Dibromoethane	11.09	107	129668	50.899	ug/l	100
64) Tetrachloroethene	10.72	164	192940	47.572	ug/l	99
65) Chlorobenzene	11.52	112	439427	49.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	166394	50.090	ug/l	100
67) Ethyl Benzene	11.59	91	752492	49.212	ug/l	100
68) m/p-Xylenes	11.70	106	588001	99.181	ug/l	99
69) o-Xylene	12.03	106	276696	49.439	ug/l	98
70) Styrene	12.04	104	491945	50.705	ug/l	99
71) Bromoform	12.20	173	111023	49.948	ug/l #	98
73) Isopropylbenzene	12.33	105	756423	49.359	ug/l	100
74) N-amyl acetate	12.14	43	208127	52.930	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	139882	52.022	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	103965m	48.248	ug/l	
77) Bromobenzene	12.61	156	196968	49.360	ug/l	99
78) n-propylbenzene	12.67	91	877754	49.584	ug/l	99
79) 2-Chlorotoluene	12.75	91	492492	49.596	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	635810	49.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	58944	51.536	ug/l	100
82) 4-Chlorotoluene	12.85	91	511487	49.163	ug/l	100
83) tert-Butylbenzene	13.07	119	568804	49.834	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	640727	49.799	ug/l	100
85) sec-Butylbenzene	13.25	105	770169	49.350	ug/l	100
86) p-Isopropyltoluene	13.37	119	723256	49.805	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	369568	48.893	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	370440	48.992	ug/l	99
89) n-Butylbenzene	13.69	91	658773	49.967	ug/l	100
90) Hexachloroethane	13.96	117	134405	49.439	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	337571	49.245	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26778	51.763	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
Data File : VY002791.D
Acq On : 28 May 2020 16:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

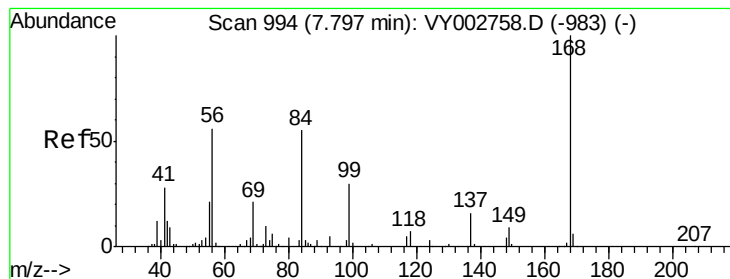
Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM

Quant Time: May 28 17:11:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	256099	49.565	ug/l	100
94) Hexachlorobutadiene	15.11	225	144433	49.285	ug/l	100
95) Naphthalene	15.23	128	523782	50.559	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	228333	49.487	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 316864

Ion Ratio Lower Upper

168 100

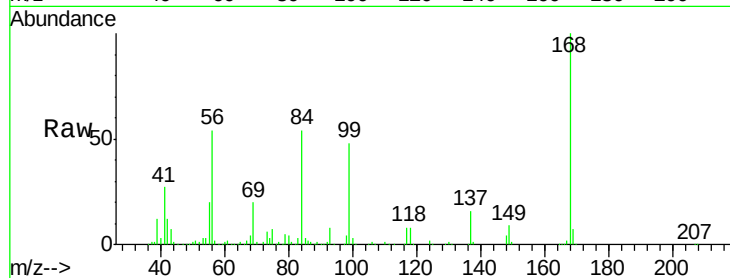
99 48.4 39.0 58.4

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002791.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002791.D (-945) (-)

7.80

150000

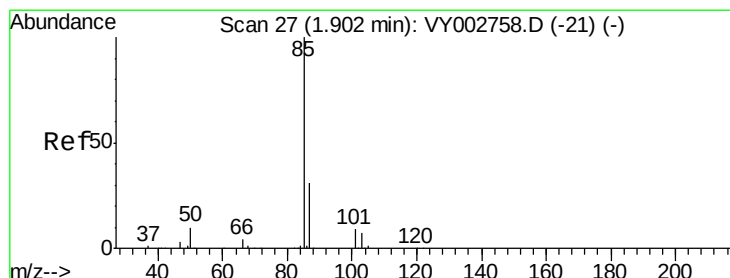
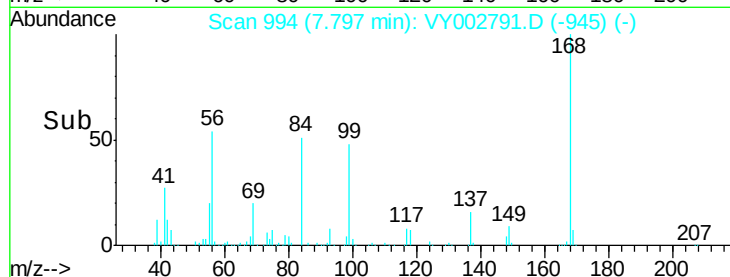
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.851 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002791.D

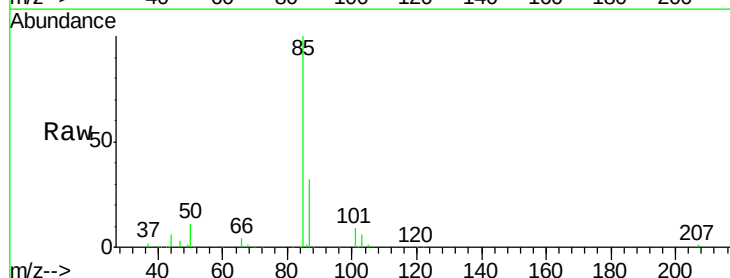
Acq: 28 May 2020 16:32

Tgt Ion: 85 Resp: 97788

Ion Ratio Lower Upper

85 100

87 32.3 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002791.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002791.D (-1) (-)

1.90

80000

60000

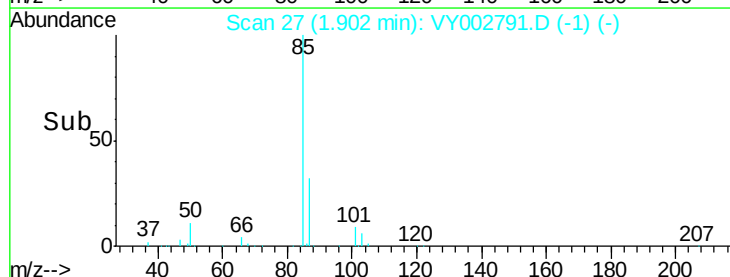
40000

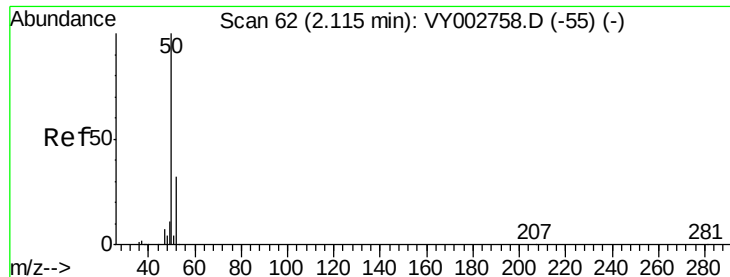
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.937 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 115606

Ion Ratio Lower Upper

50 100

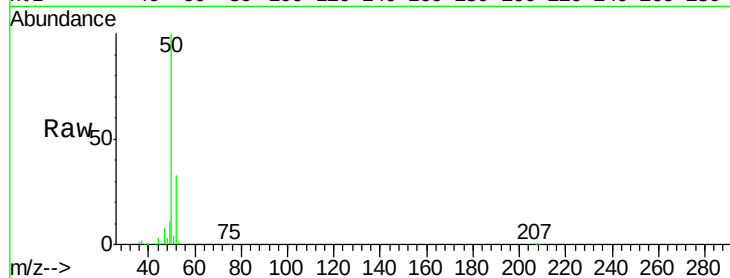
52 32.8 25.8 38.6

Manual Integrations

APPROVED

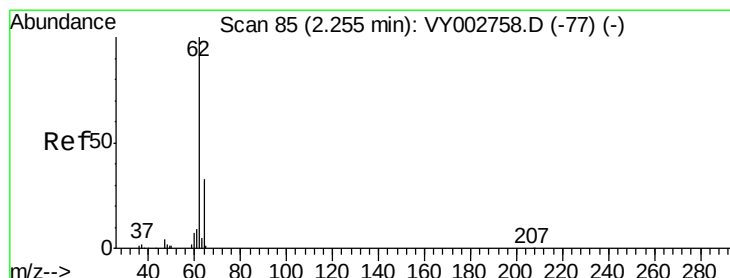
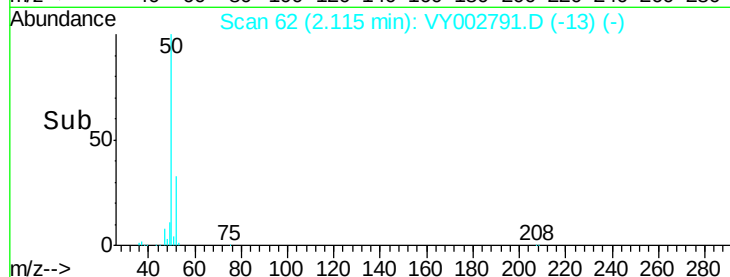
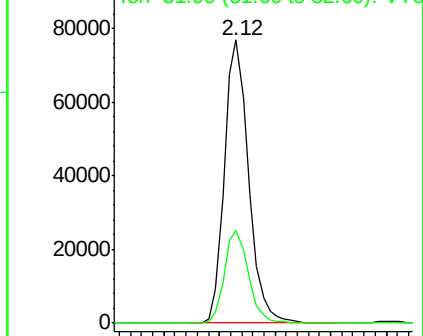
MMDadoda

5/29/2020 10:57:09 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.172 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002791.D

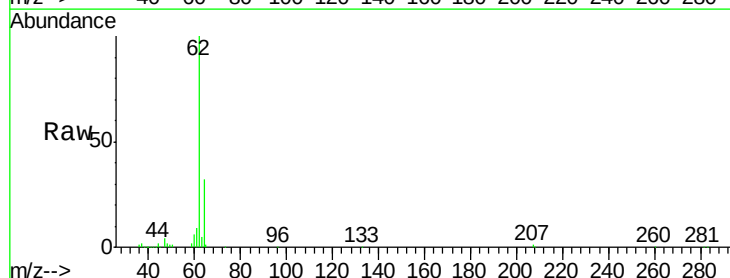
Acq: 28 May 2020 16:32

Tgt Ion: 62 Resp: 125338

Ion Ratio Lower Upper

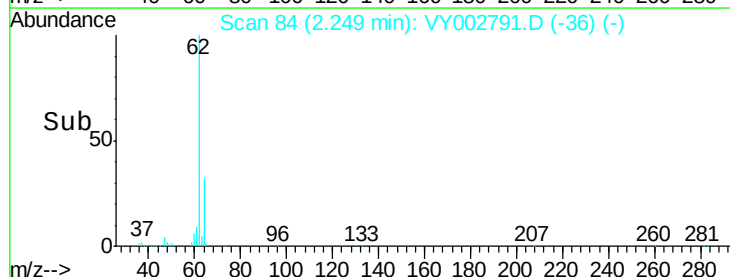
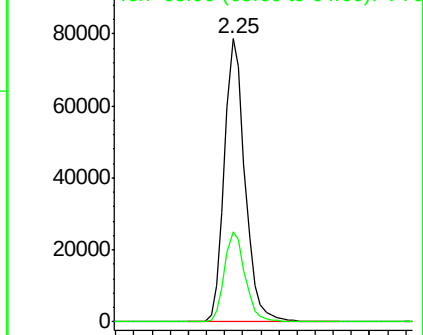
62 100

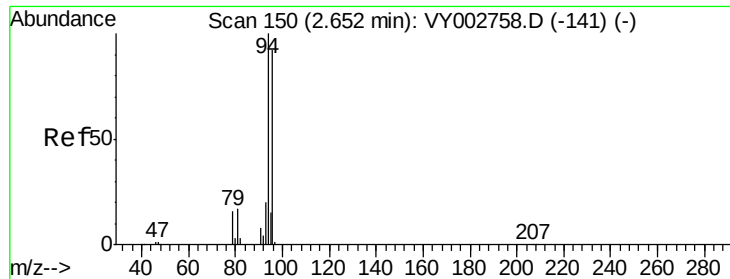
64 31.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.501 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 94556

Ion Ratio Lower Upper

94 100

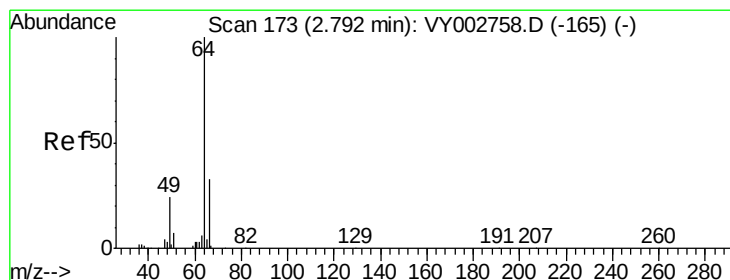
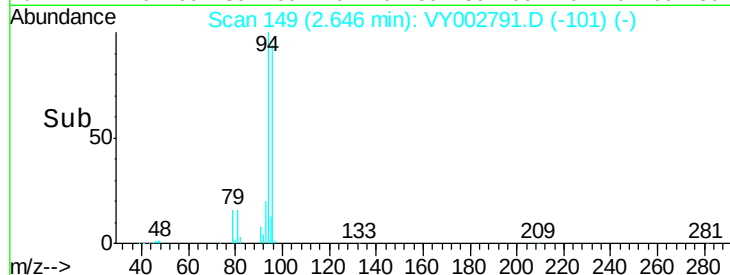
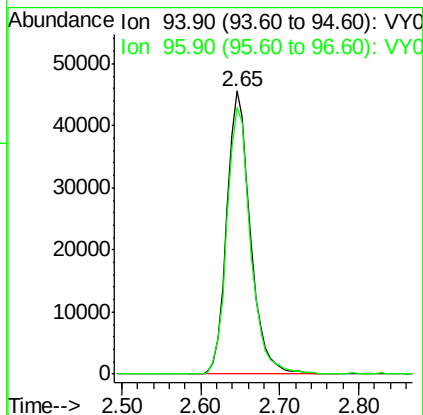
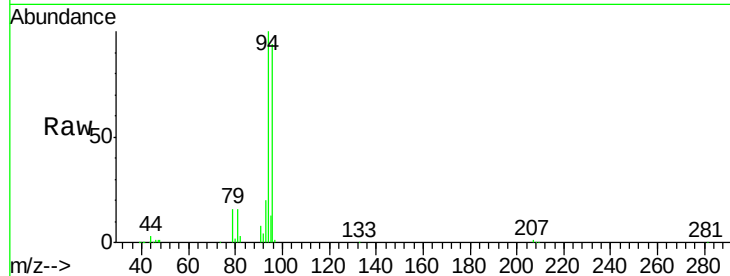
96 94.3 73.7 110.5

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



#6

Chloroethane

Concen: 49.759 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY002791.D

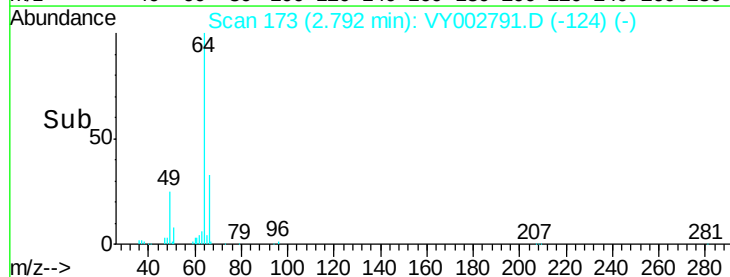
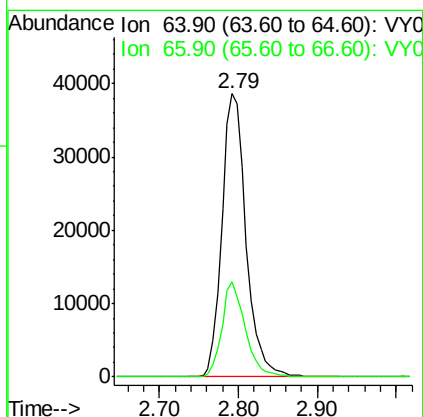
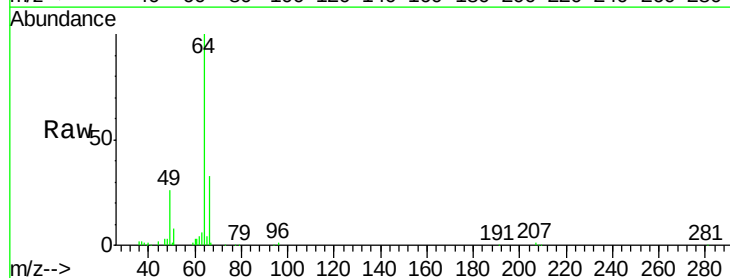
Acq: 28 May 2020 16:32

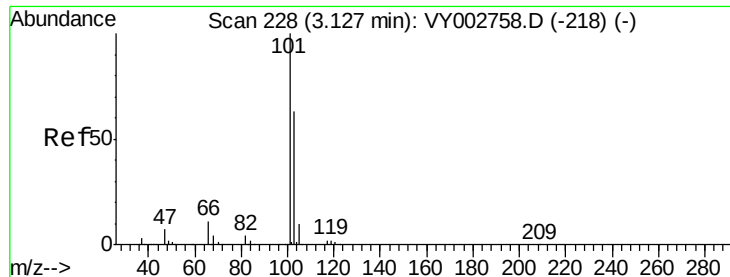
Tgt Ion: 64 Resp: 82222

Ion Ratio Lower Upper

64 100

66 33.4 26.4 39.6





#7

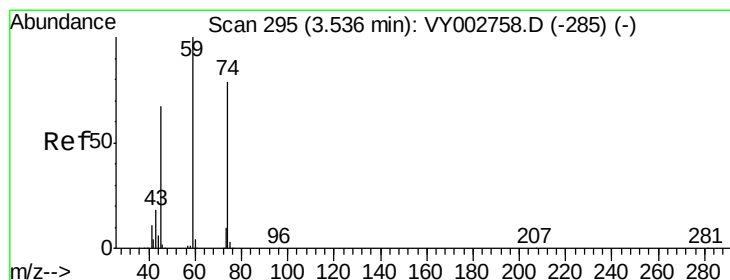
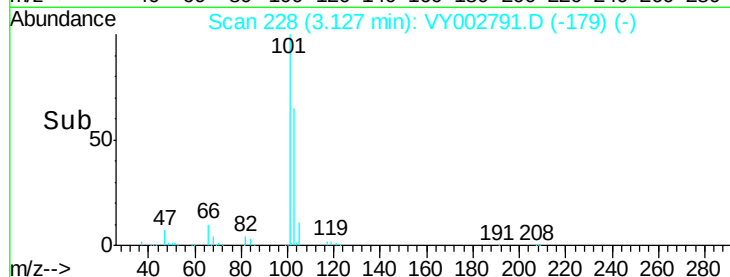
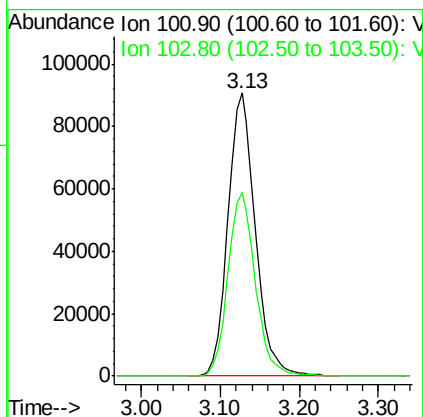
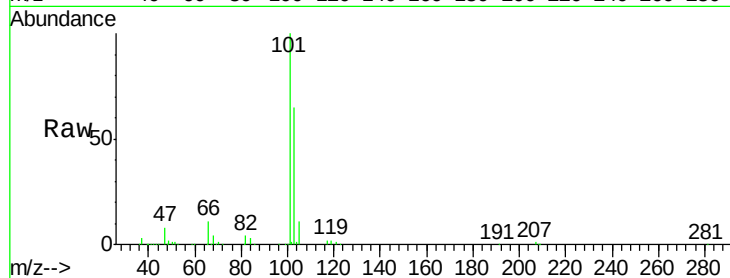
Trichlorofluoromethane
Concen: 48.421 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	218598		
103	64.6	50.6	76.0	

Manual Integrations
APPROVED

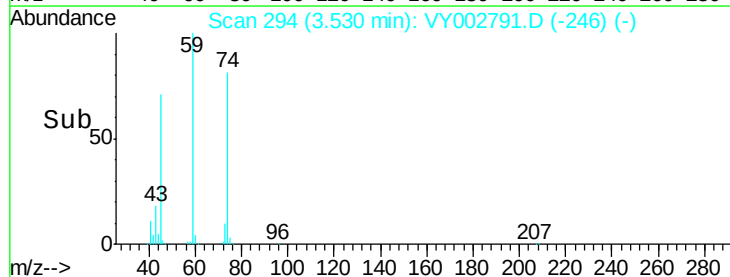
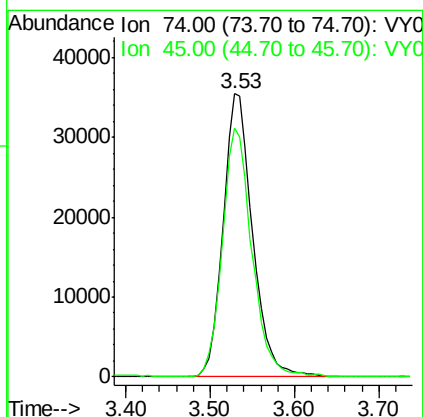
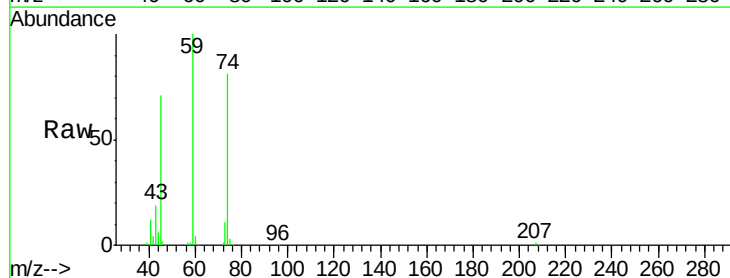
MMDadoda
5/29/2020 10:57:09 AM

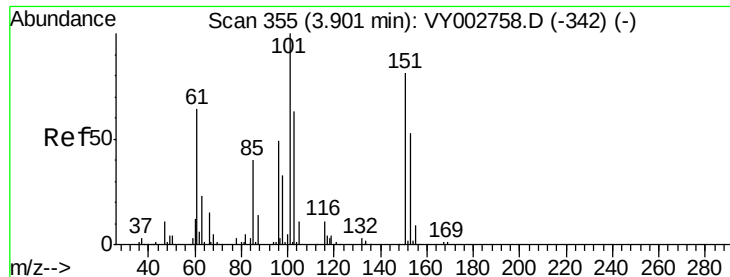


#8

Diethyl Ether
Concen: 47.973 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	84565		
45	88.5	44.0	131.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.797 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

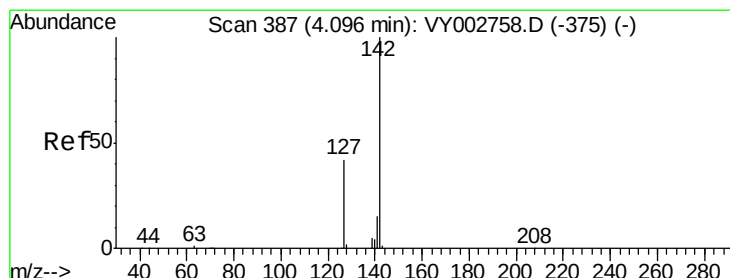
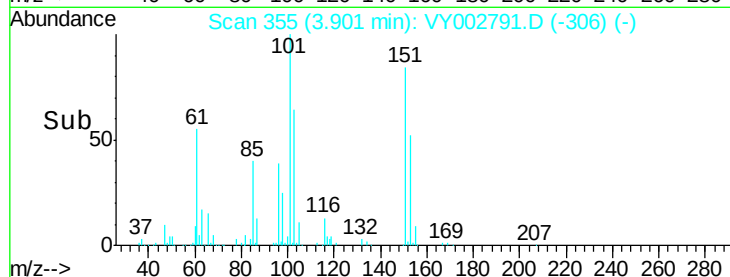
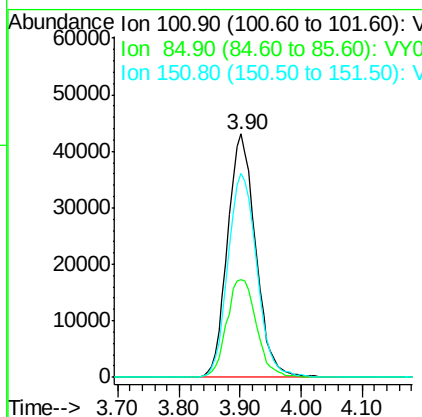
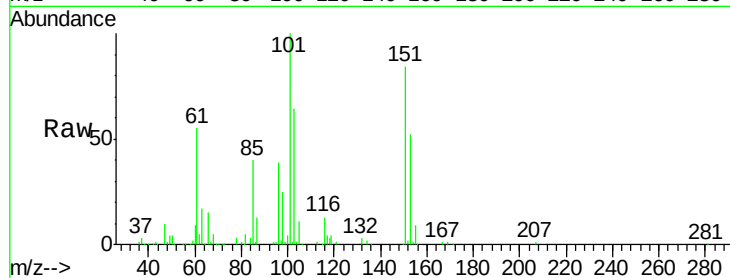
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	136157
Ion Ratio	Lower	Upper	
101	100		
85	42.5	32.7	49.1
151	86.1	68.0	102.0

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#10

Methyl Iodide

Concen: 49.469 ug/l

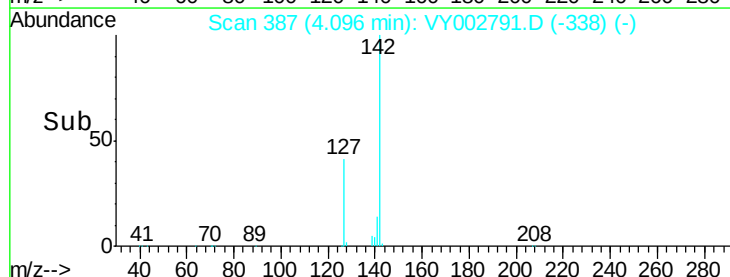
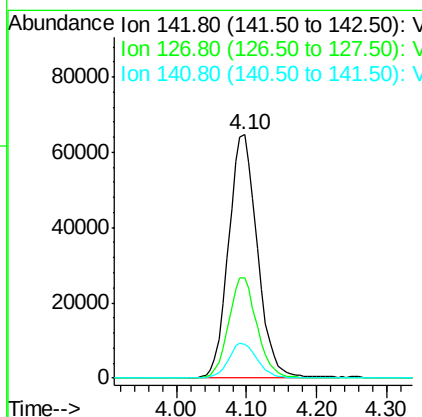
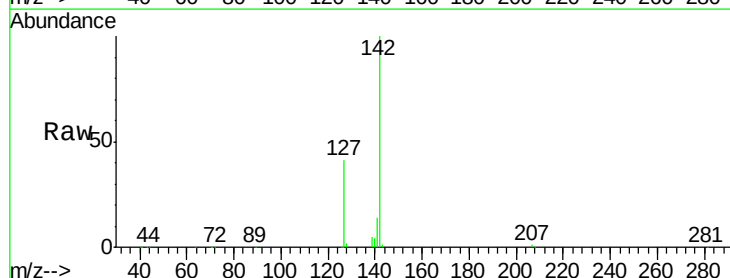
RT: 4.10 min Scan# 387

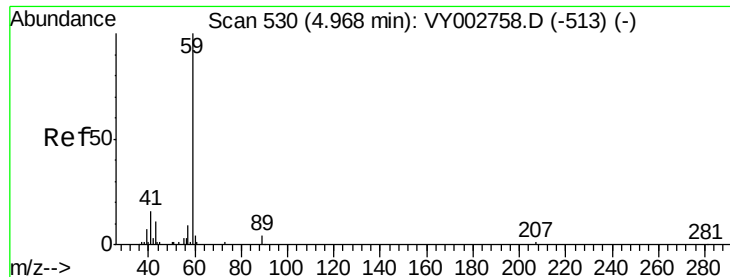
Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion:	142	Resp:	185539
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.3	49.9
141	14.3	11.5	17.3





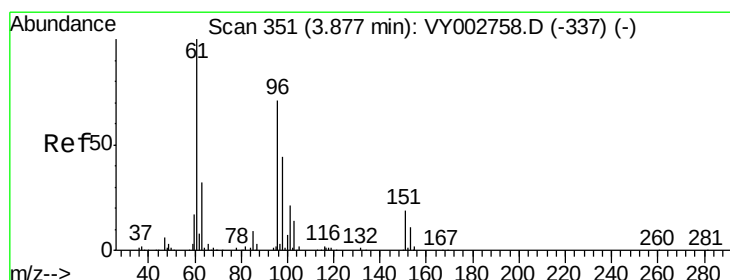
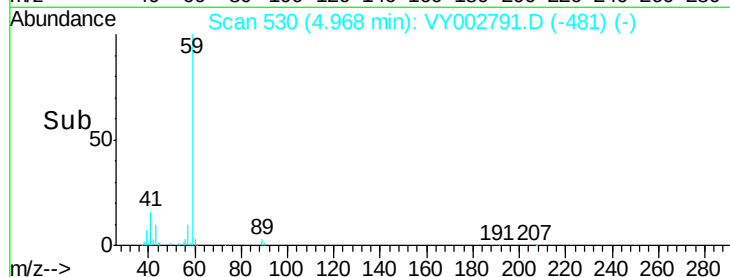
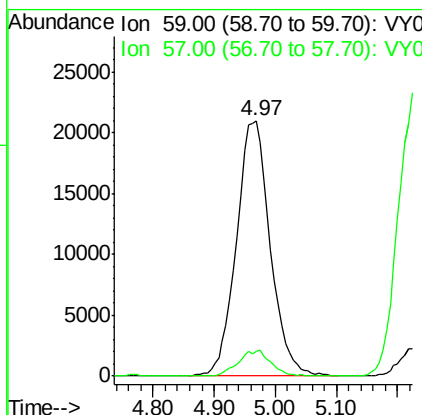
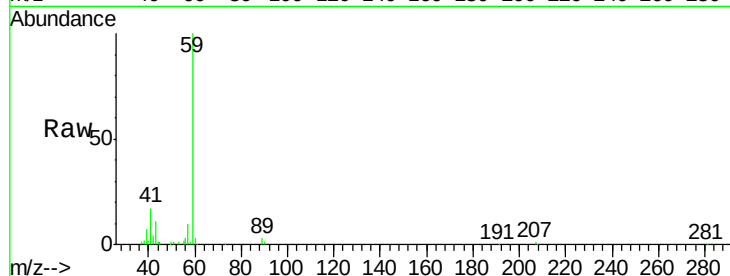
#11
Tert butyl alcohol
Concen: 273.144 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	80420
Ion Ratio	100	Lower	Upper
57	9.7	7.7	11.5

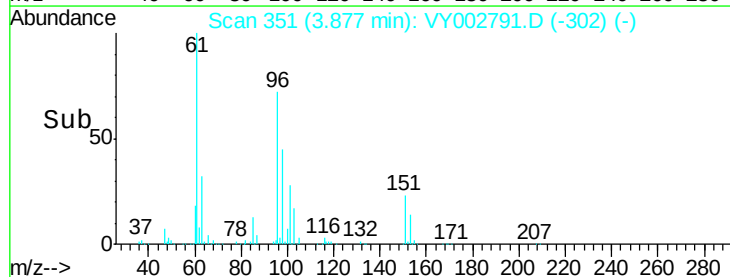
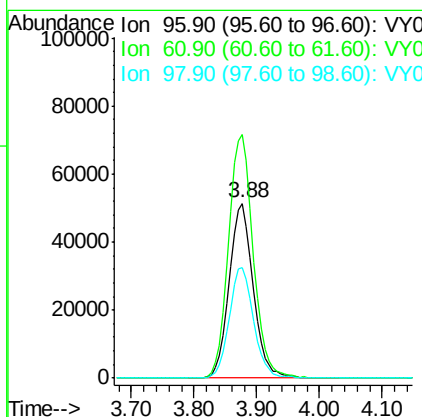
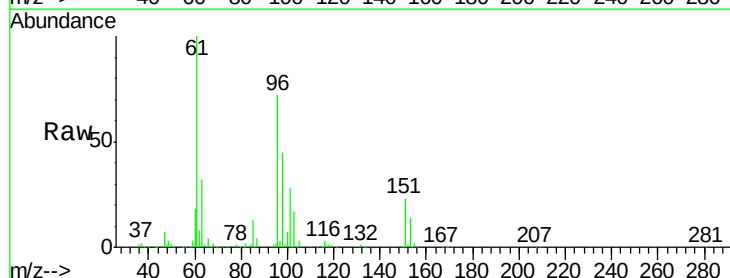
Manual Integrations
APPROVED

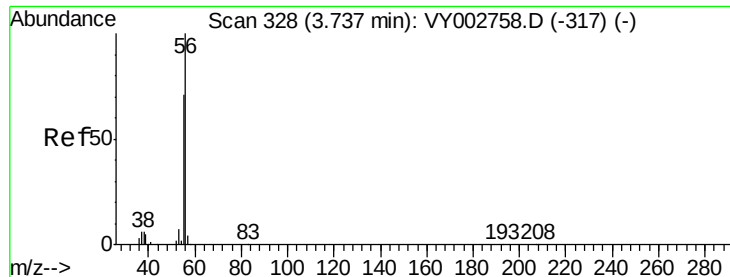
MMDadoda
5/29/2020 10:57:09 AM



#12
1,1-Dichloroethene
Concen: 50.629 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	96	Resp	136477
Ion Ratio	100	Lower	Upper
61	139.4	112.6	168.8
98	63.1	50.0	75.0





#13

Acrolein

Concen: 235.367 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 75886

Ion Ratio Lower Upper

56 100

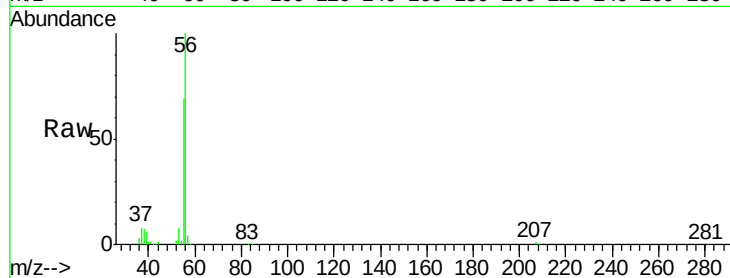
55 69.8 56.0 84.0

Manual Integrations

APPROVED

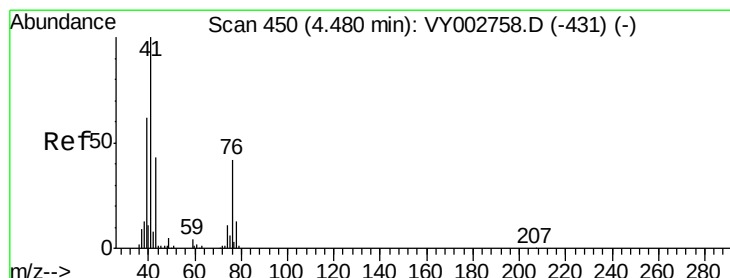
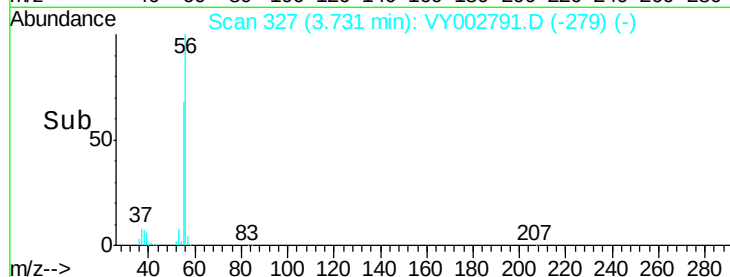
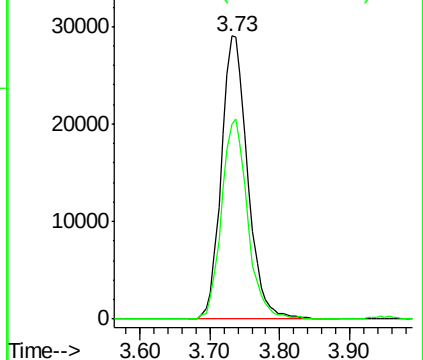
MMDadoda

5/29/2020 10:57:09 AM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 53.419 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

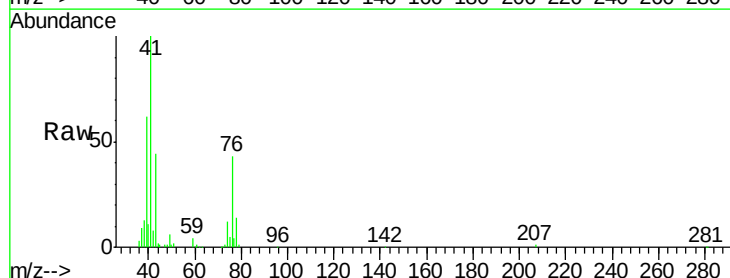
Tgt Ion: 41 Resp: 206526

Ion Ratio Lower Upper

41 100

39 61.1 49.9 74.9

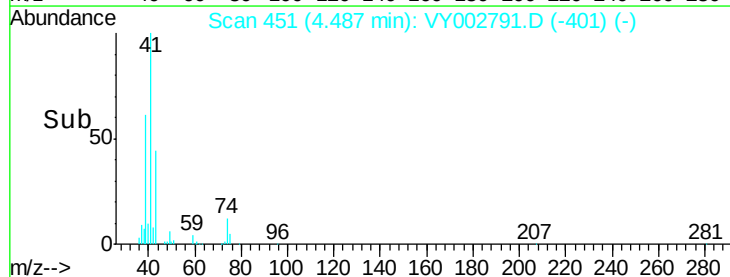
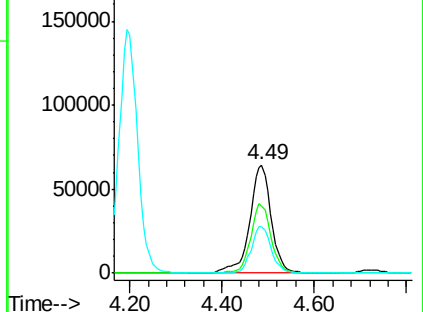
76 40.5 33.2 49.8

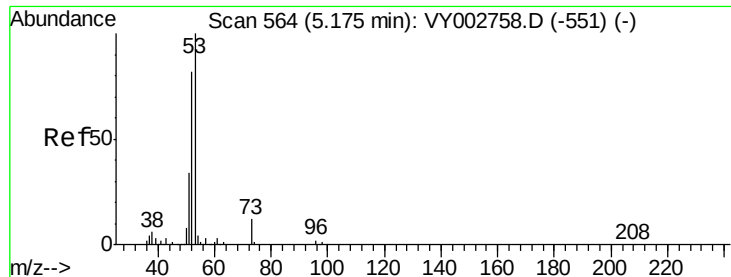


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 268.594 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

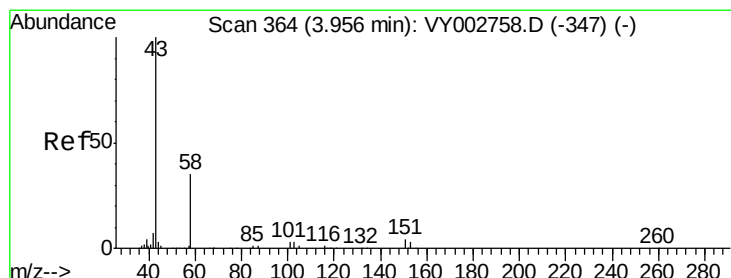
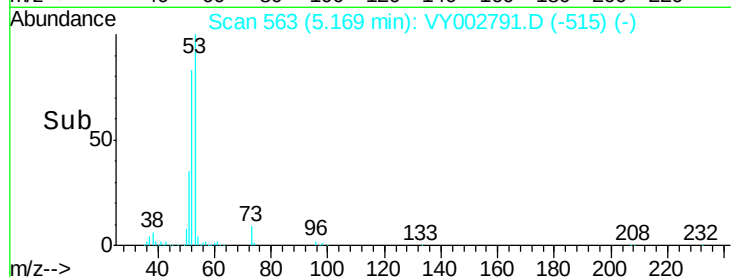
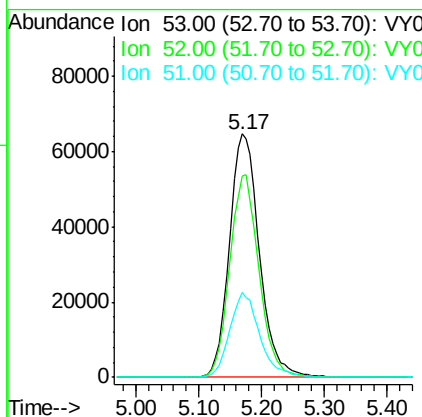
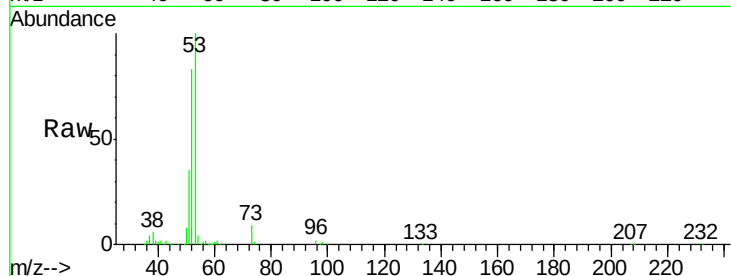
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	213599
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.3	97.9
51	34.8	28.0	42.0

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#16

Acetone

Concen: 256.273 ug/l

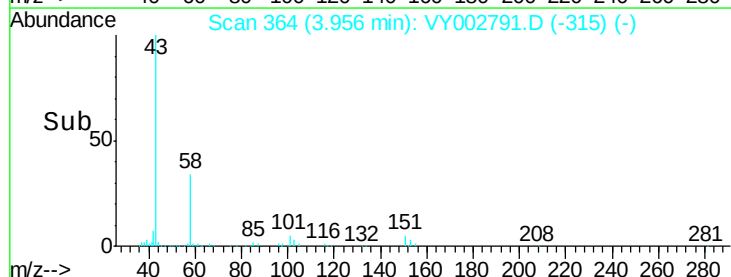
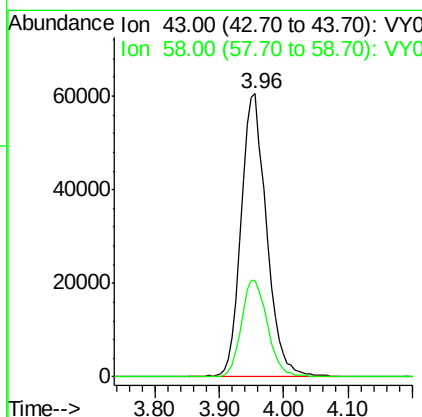
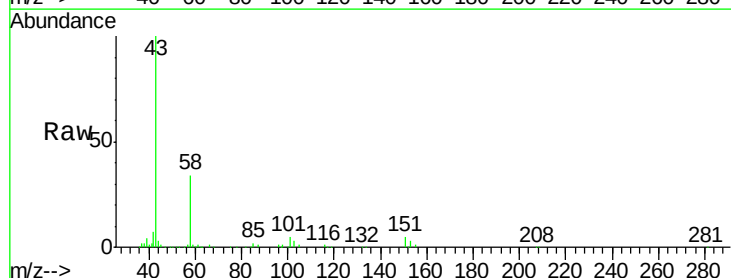
RT: 3.96 min Scan# 364

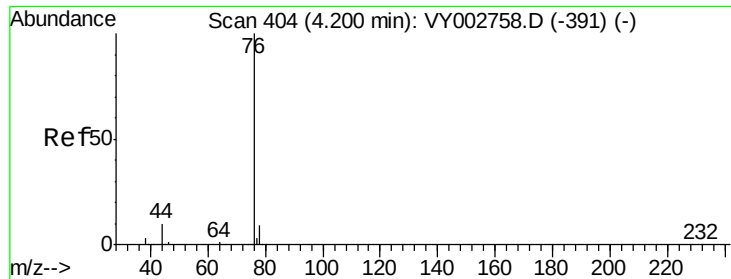
Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion:	43	Resp:	165331
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.7	41.5





#17

Carbon Disulfide

Concen: 49.241 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 401105

Ion Ratio Lower Upper

76 100

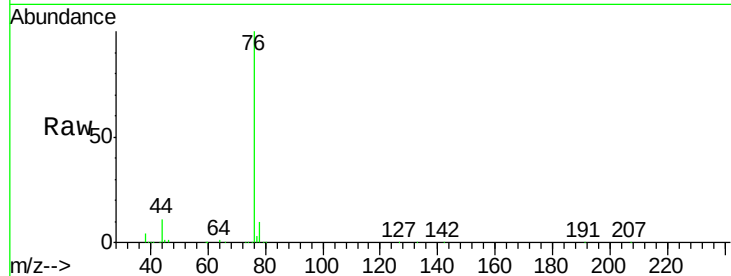
78 9.5 6.9 10.3

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

150000

100000

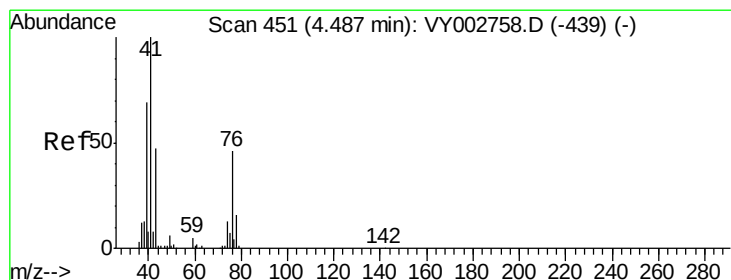
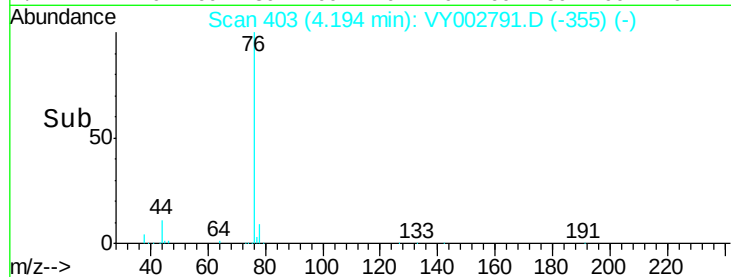
50000

0

4.19

4.00 4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 54.755 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY002791.D

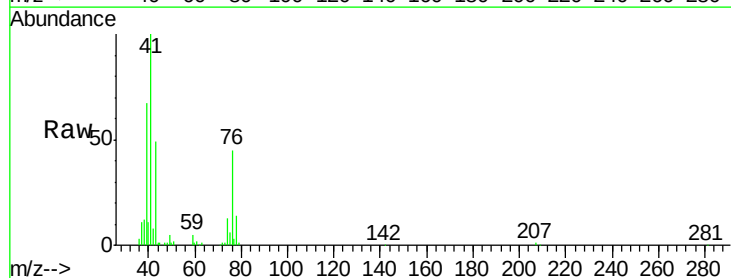
Acq: 28 May 2020 16:32

Tgt Ion: 43 Resp: 88489

Ion Ratio Lower Upper

43 100

74 26.4 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

30000

20000

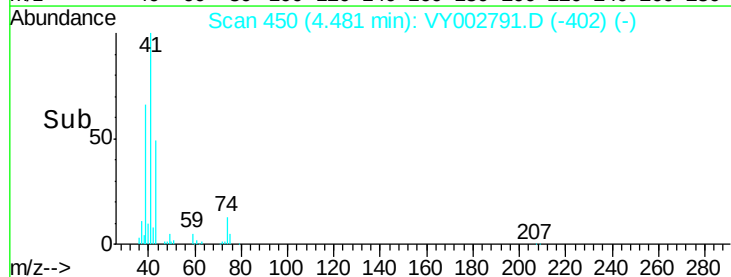
10000

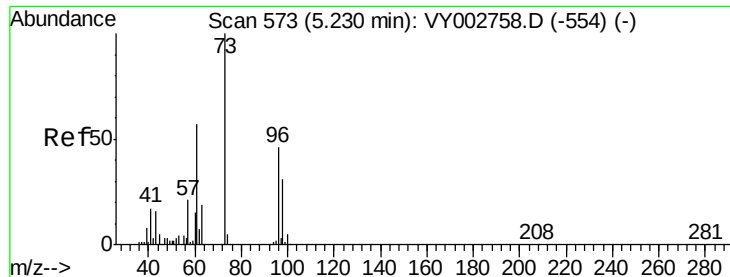
0

4.48

4.30 4.40 4.50 4.60 4.70

Time-->





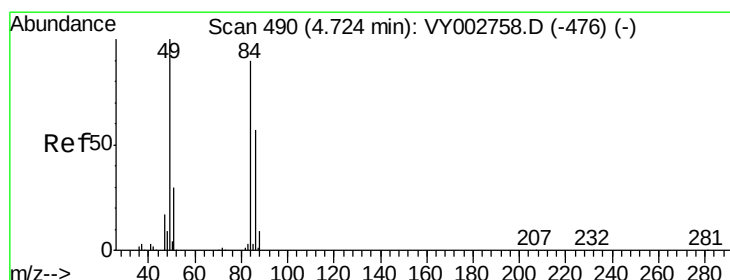
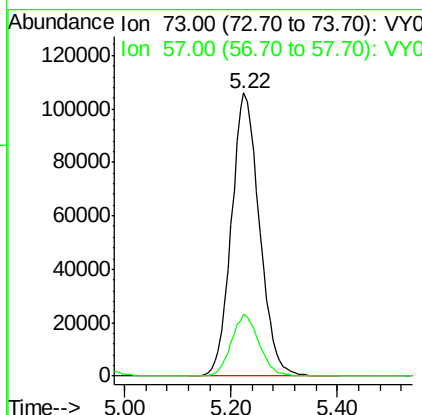
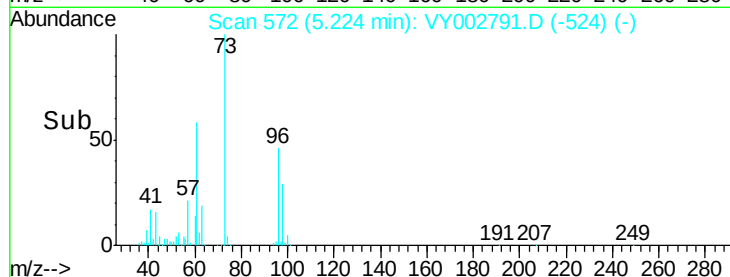
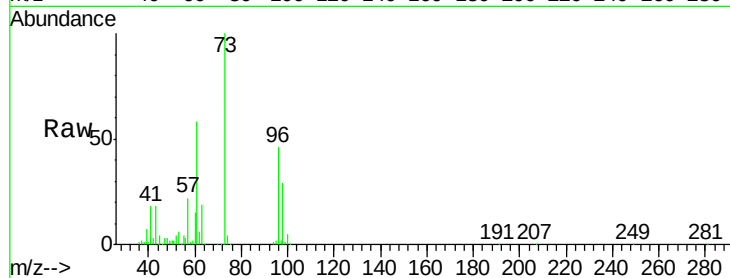
#19
Methyl tert-butyl Ether
Concen: 52.184 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 388337
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4

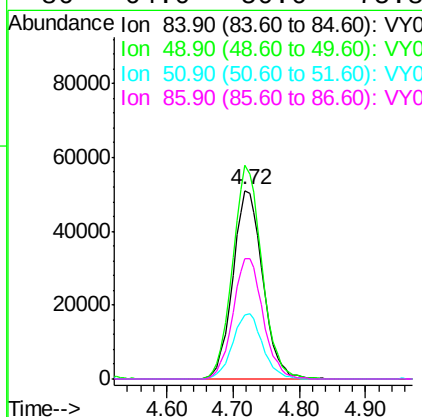
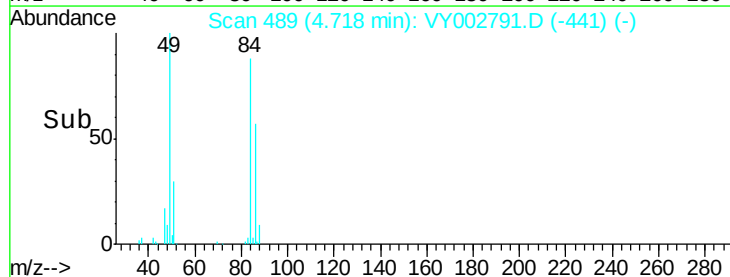
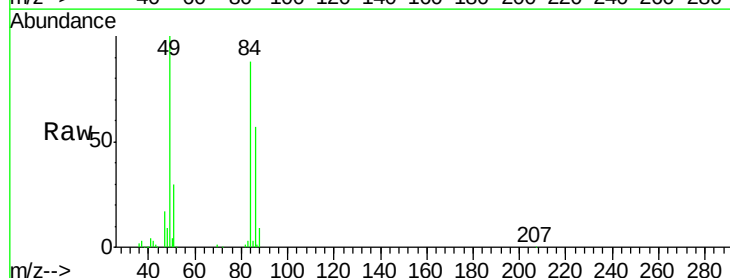
Manual Integrations
APPROVED

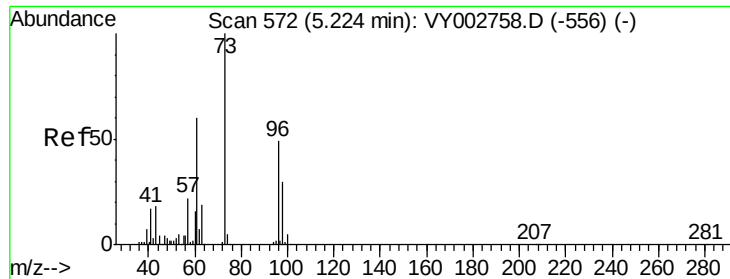
MMDadoda
5/29/2020 10:57:09 AM



#20
Methylene Chloride
Concen: 50.670 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 84 Resp: 159748
Ion Ratio Lower Upper
84 100
49 113.3 88.5 132.7
51 34.0 26.8 40.2
86 64.0 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 50.292 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

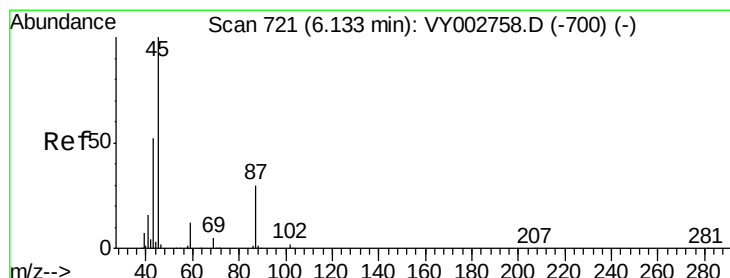
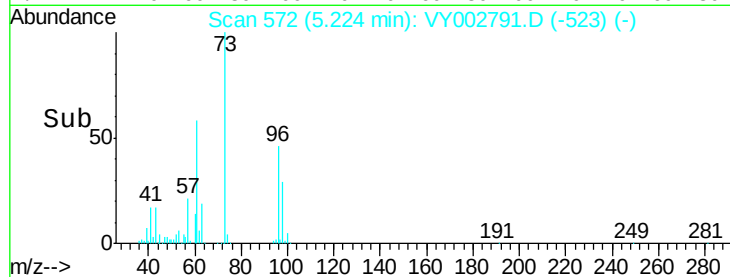
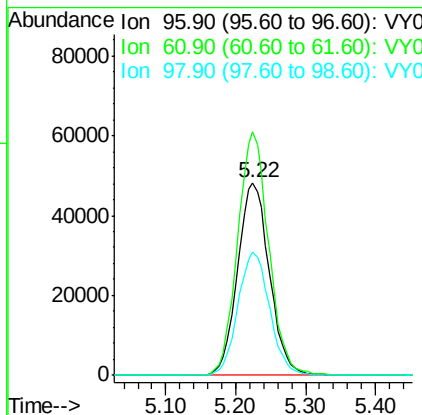
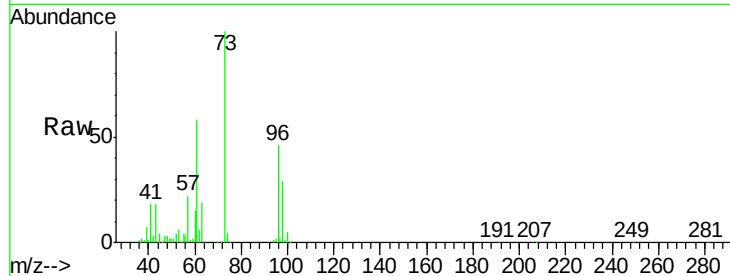
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152460
Ion	Ratio	Lower	Upper
96	100		
61	126.2	96.8	145.2
98	63.8	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#22

Diisopropyl ether

Concen: 53.629 ug/l

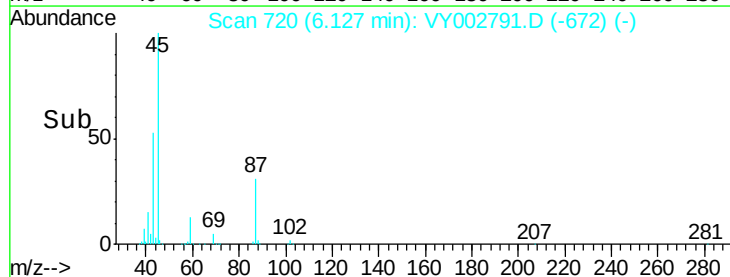
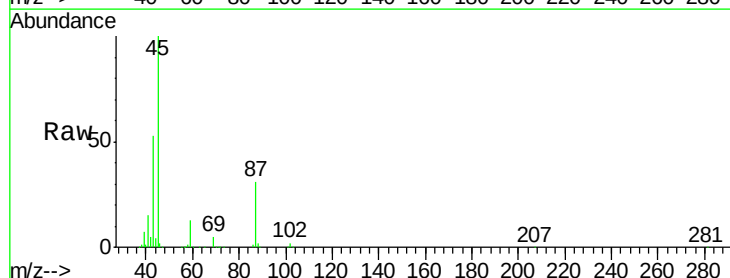
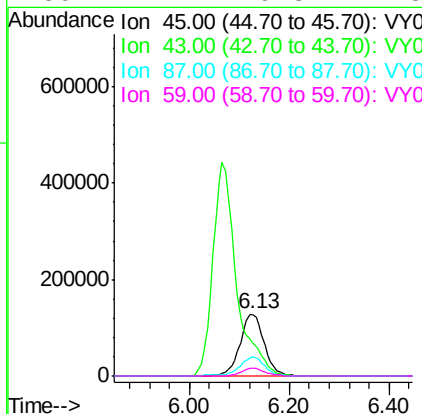
RT: 6.13 min Scan# 720

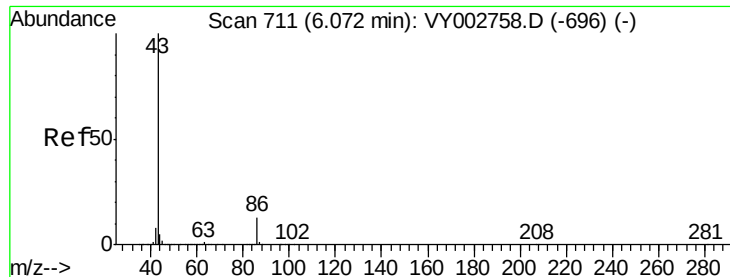
Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion:	45	Resp:	430855
Ion	Ratio	Lower	Upper
45	100		
43	53.3	41.7	62.5
87	30.7	24.2	36.2
59	12.7	9.8	14.8





#23

Vinyl Acetate

Concen: 274.857 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1457913

Ion Ratio Lower Upper

43 100

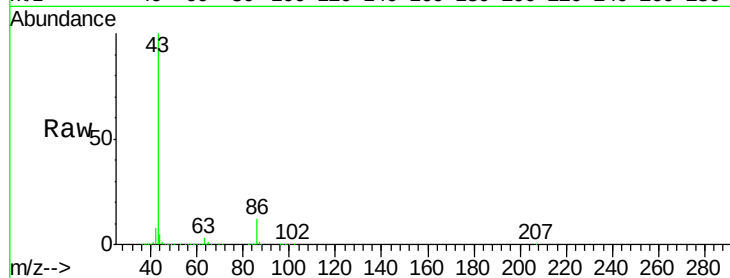
86 12.3 10.2 15.2

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

300000

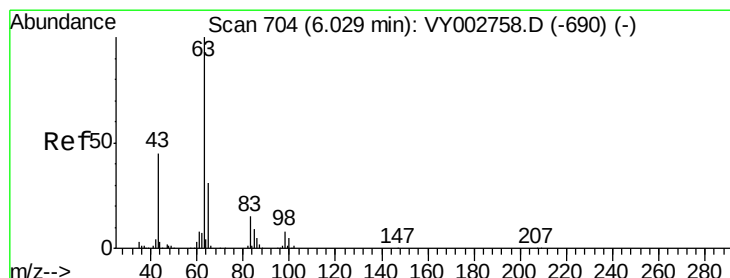
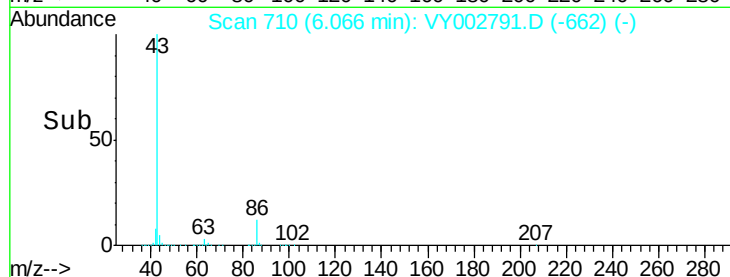
200000

100000

0

6.00 6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 52.471 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

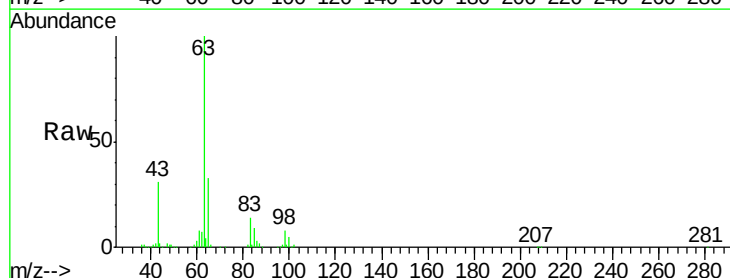
Tgt Ion: 63 Resp: 246596

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 5.2 2.4 7.1



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

6.02

100000

80000

60000

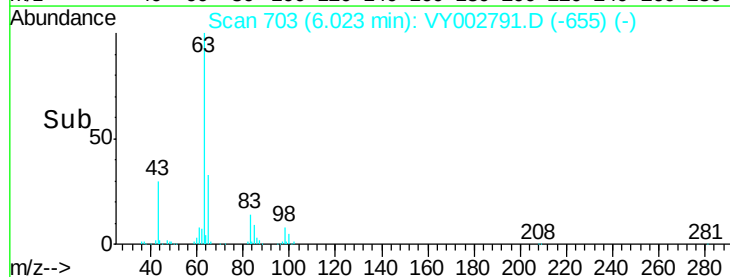
40000

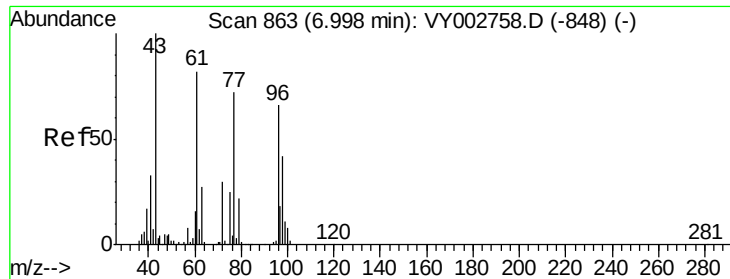
20000

0

5.90 6.10 6.20

Time-->





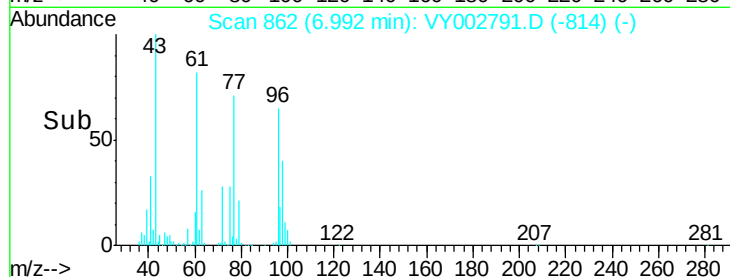
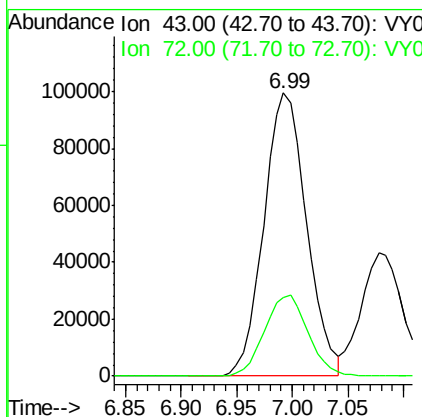
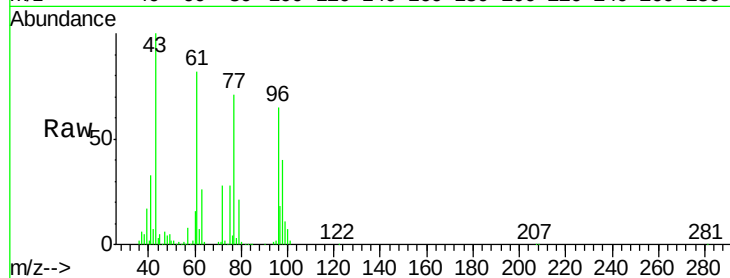
#25
2-Butanone
Concen: 264.778 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 266134
Ion Ratio Lower Upper
43 100
72 27.7 23.9 35.9

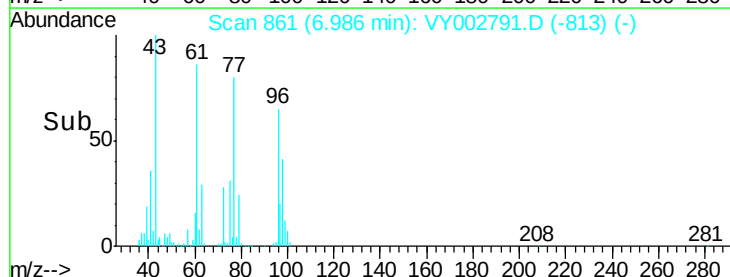
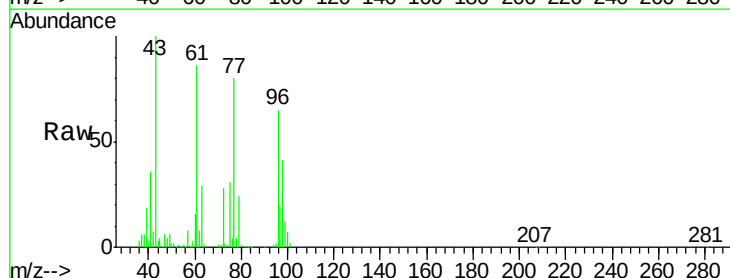
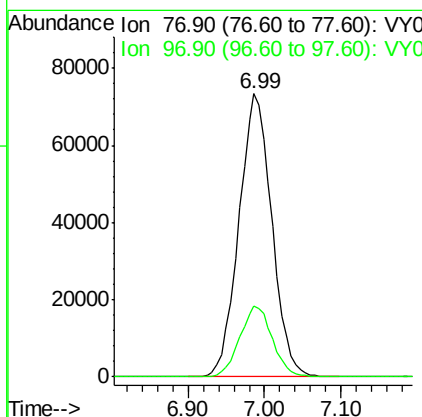
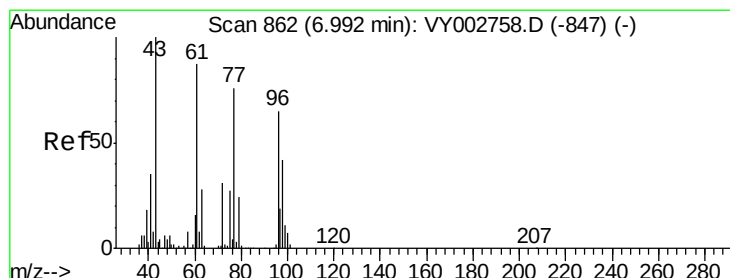
Manual Integrations
APPROVED

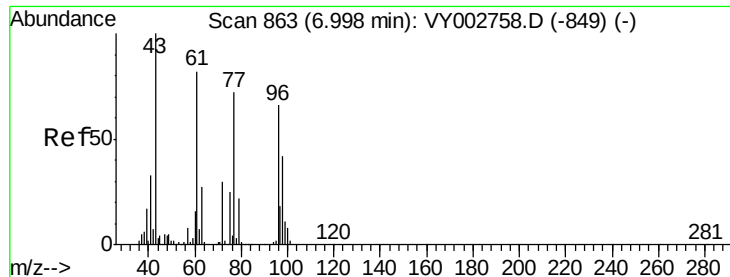
MMDadoda
5/29/2020 10:57:09 AM



#26
2,2-Dichloropropane
Concen: 48.446 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion: 77 Resp: 218360
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6





#27

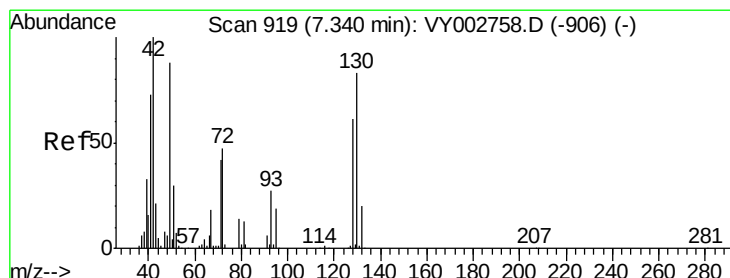
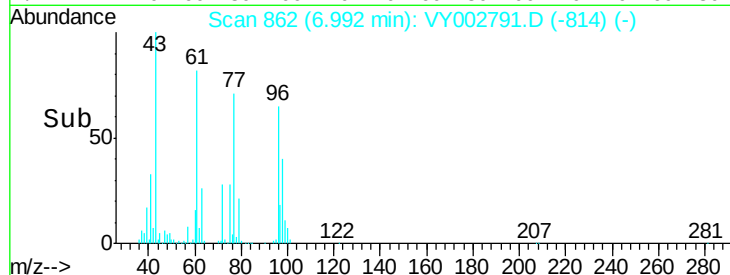
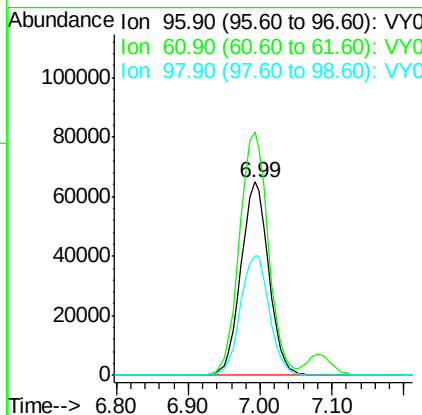
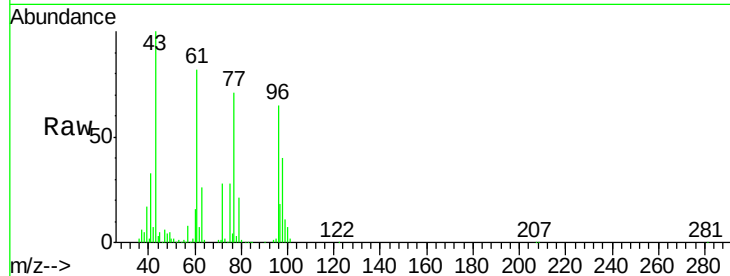
cis-1,2-Dichloroethene
 Concen: 51.280 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	260.2
98	64.4	0.0	128.2

Manual Integrations
 APPROVED

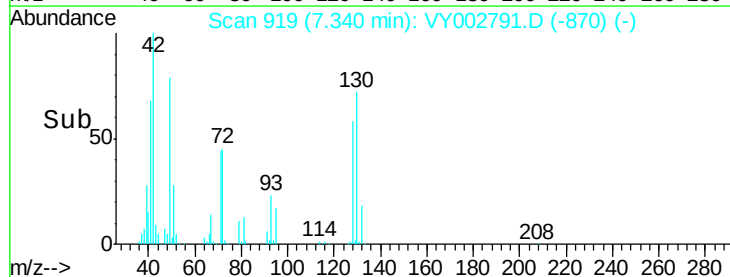
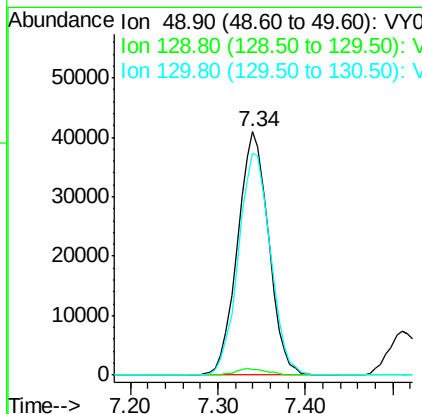
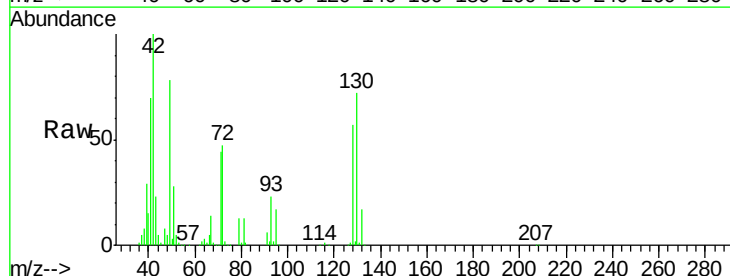
MMDadoda
 5/29/2020 10:57:09 AM

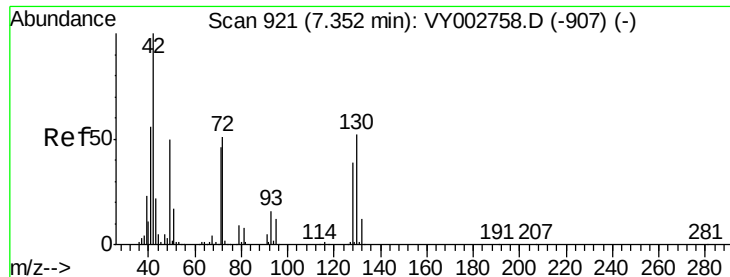


#28

Bromochloromethane
 Concen: 52.372 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	94.1	77.1	115.7





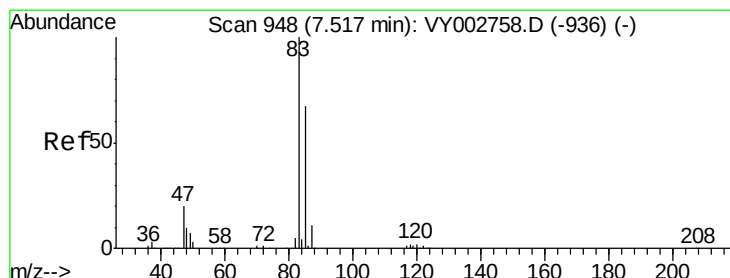
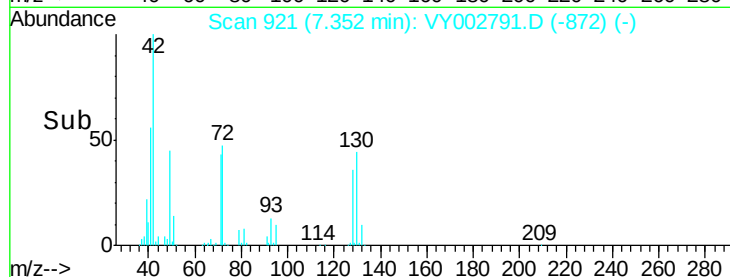
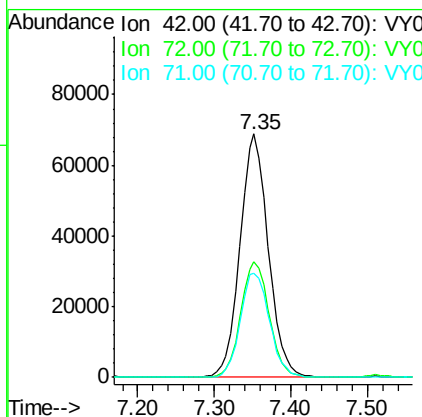
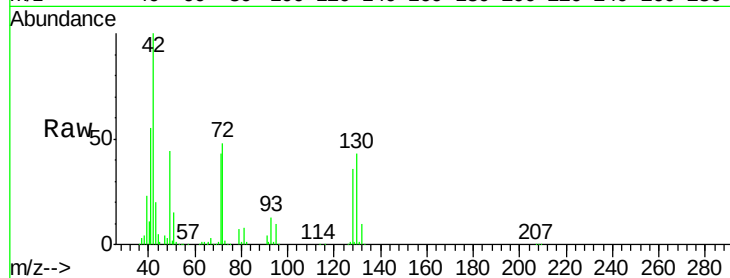
#29
Tetrahydrofuran
Concen: 270.749 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.6	58.0
71	44.3	35.8	53.8

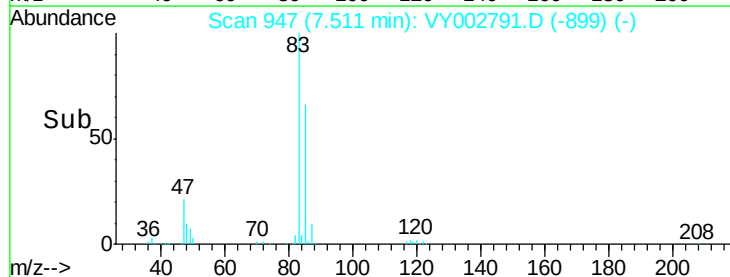
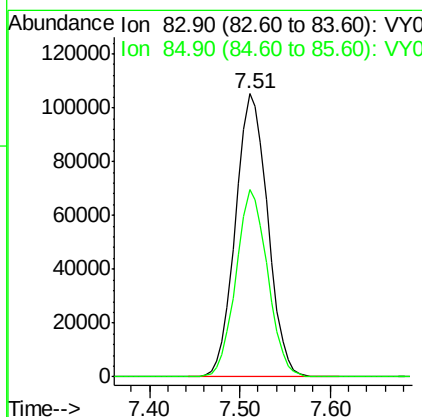
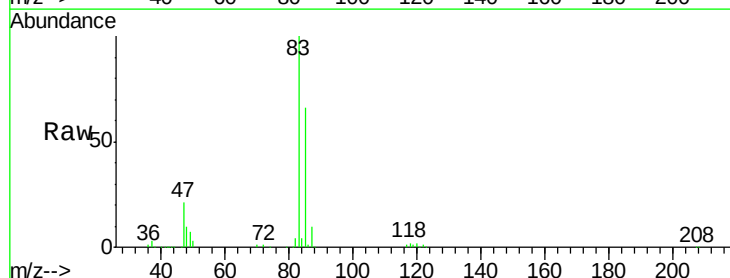
Manual Integrations
APPROVED

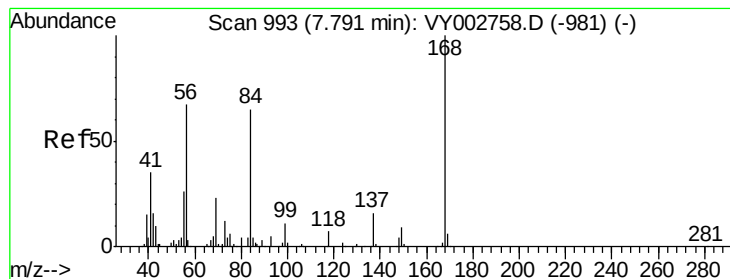
MMDadoda
5/29/2020 10:57:09 AM



#30
Chloroform
Concen: 52.044 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.8	80.8





#31

Cyclohexane

Concen: 48.090 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 224396

Ion Ratio Lower Upper

56 100

69 34.6 28.0 42.0

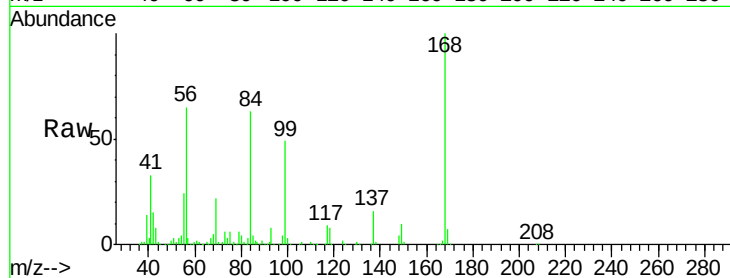
84 96.3 77.7 116.5

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM

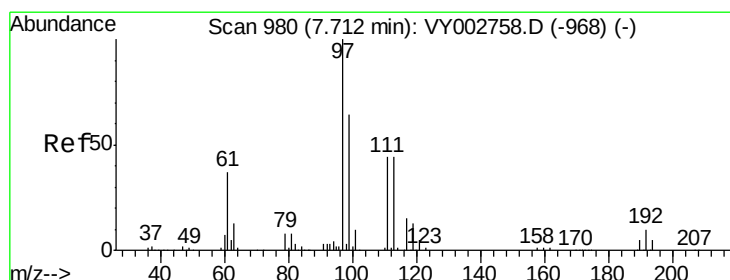
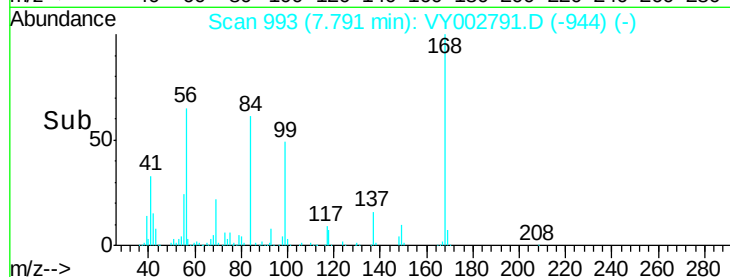
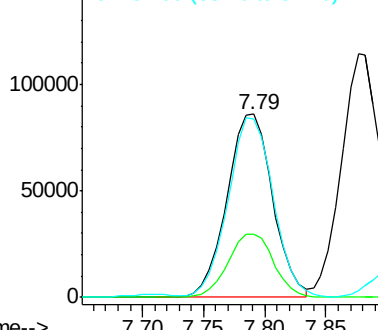


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.728 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

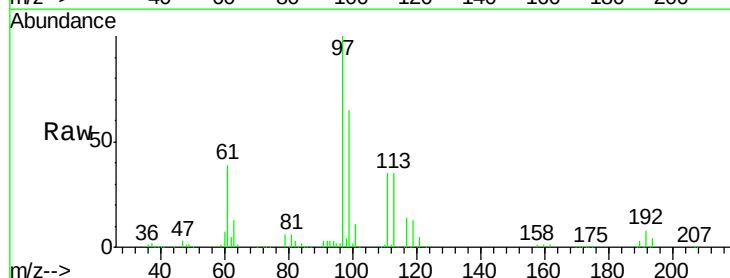
Tgt Ion: 97 Resp: 231095

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 38.1 30.1 45.1

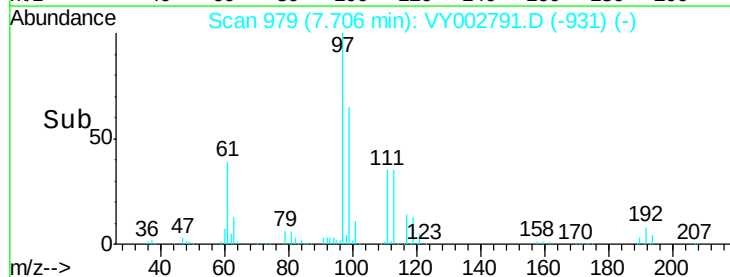
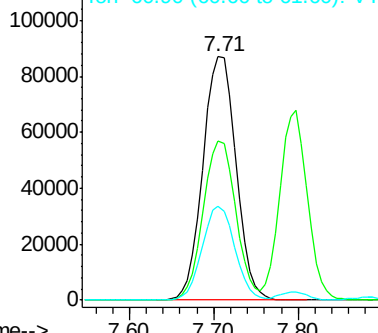


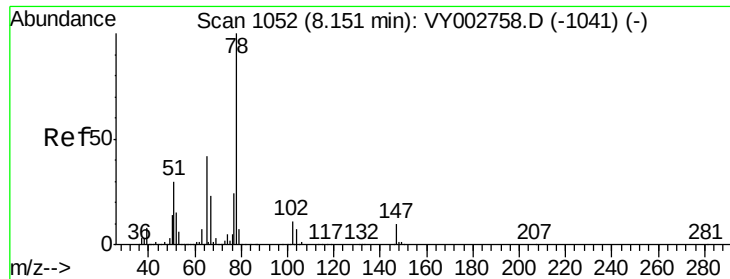
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





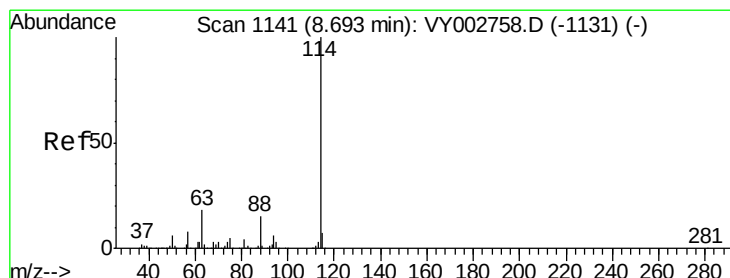
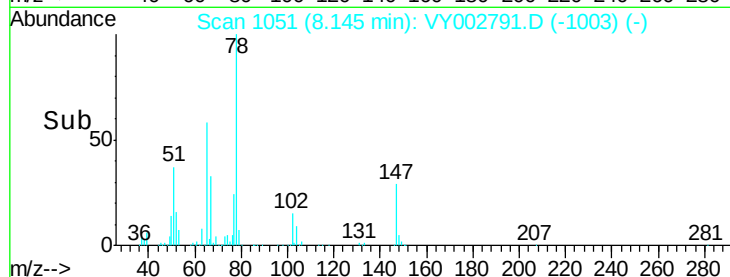
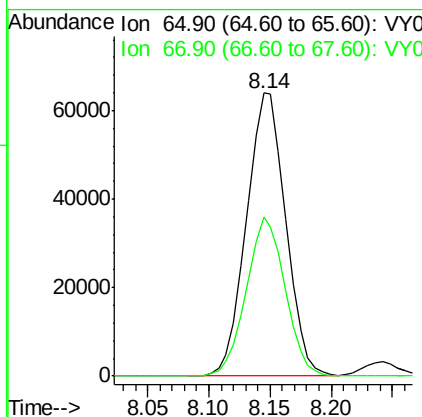
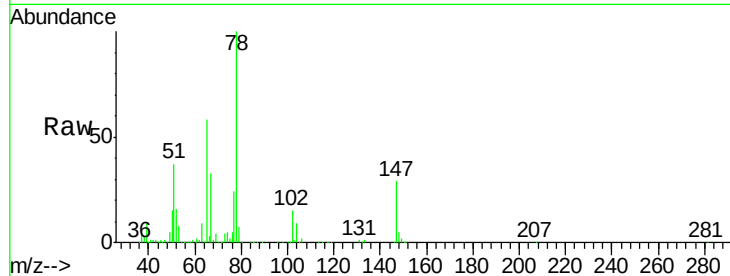
#33
 1,2-Dichloroethane-d4
 Concen: 51.940 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142900		
67	55.6	0.0	111.0	

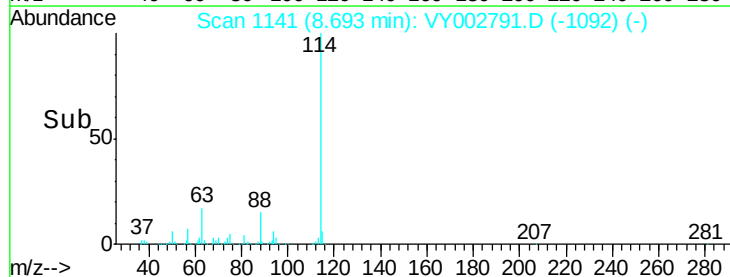
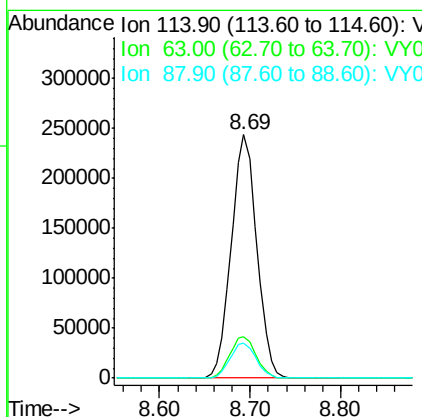
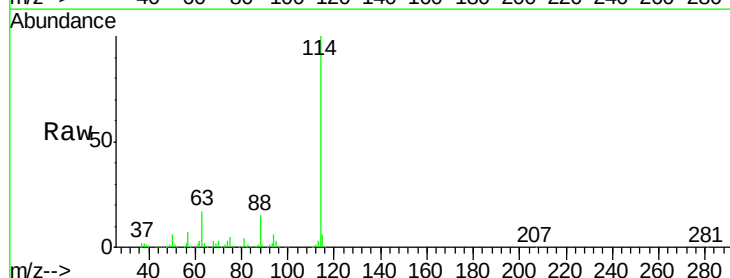
Manual Integrations
 APPROVED

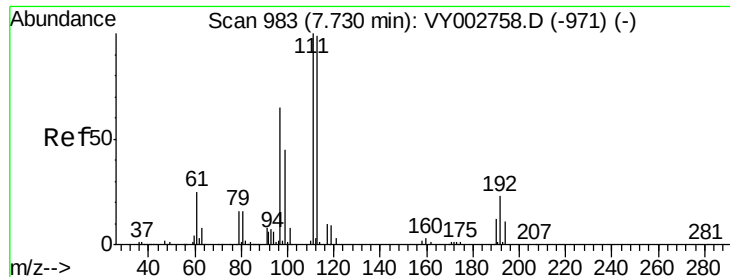
MMDadoda
 5/29/2020 10:57:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	475858		
63	17.0	0.0	35.2	
88	14.6	0.0	29.2	





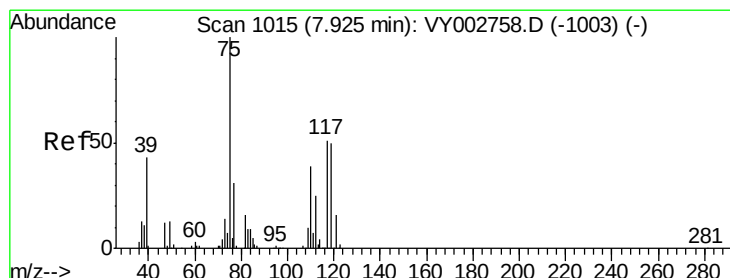
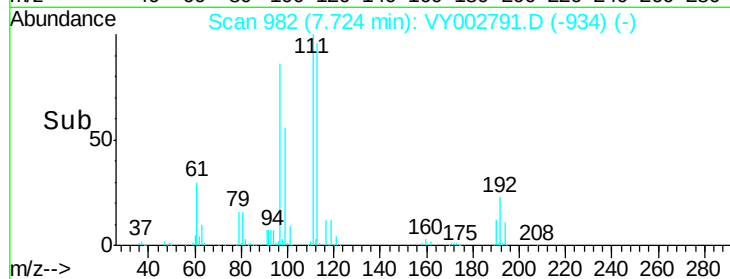
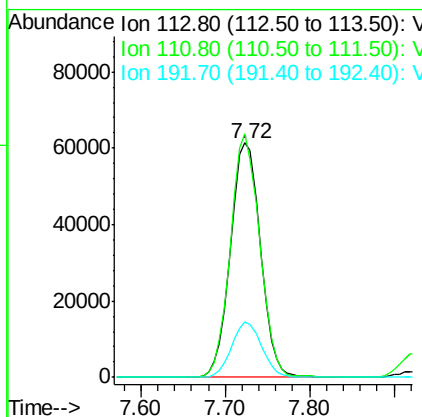
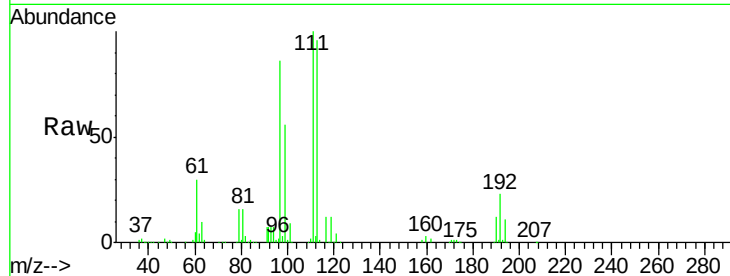
#35
 Dibromofluoromethane
 Concen: 53.082 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.4	82.0	123.0	
192	23.6	18.9	28.3	

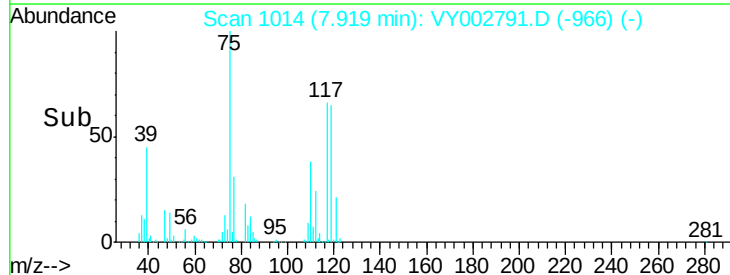
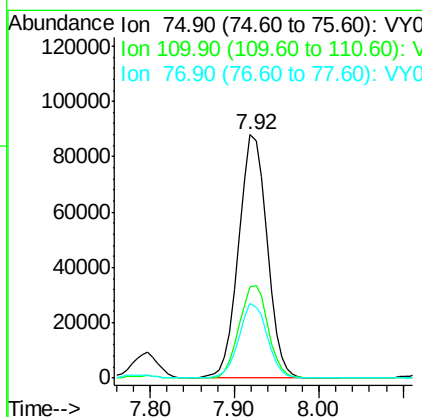
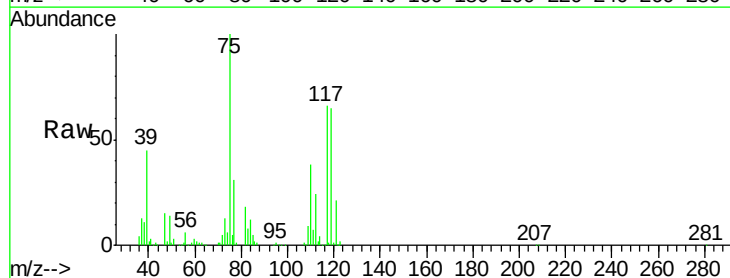
Manual Integrations
 APPROVED

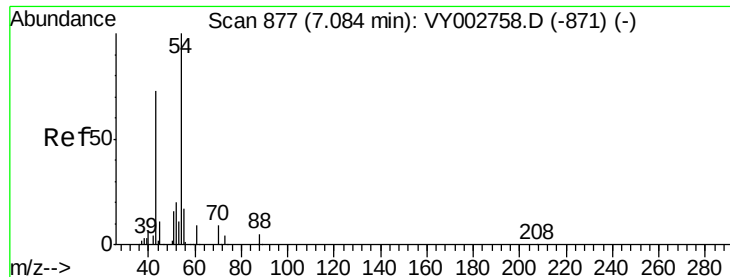
MMDadoda
 5/29/2020 10:57:09 AM



#36
 1,1-Dichloropropene
 Concen: 50.007 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.4	19.3	57.9	
77	30.7	24.8	37.2	





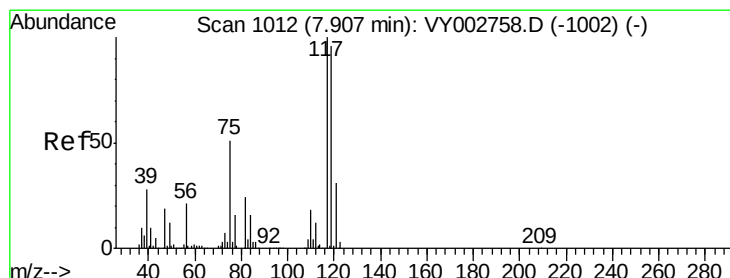
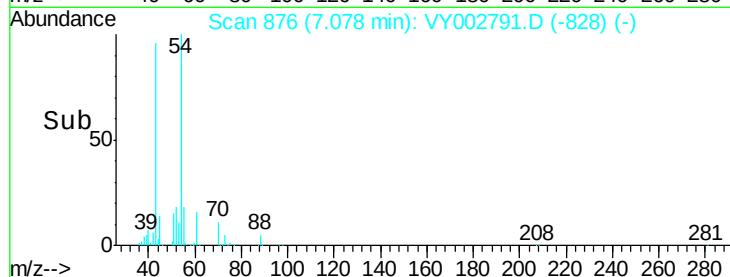
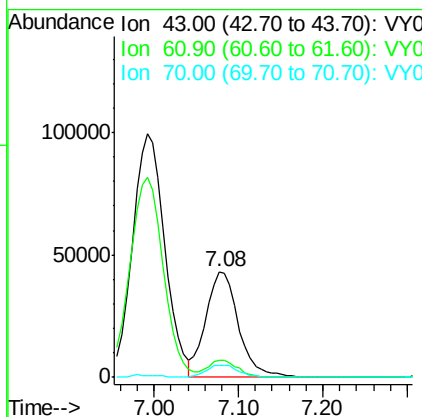
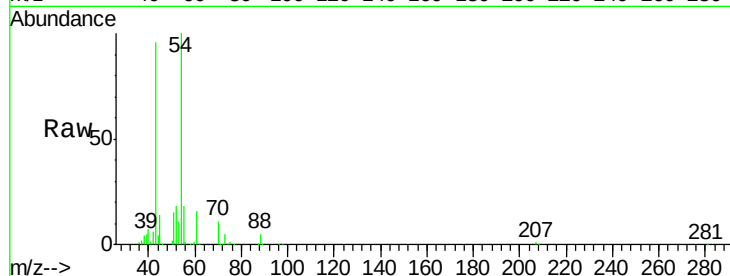
#37
Ethyl Acetate
Concen: 53.512 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.4	9.1	13.7

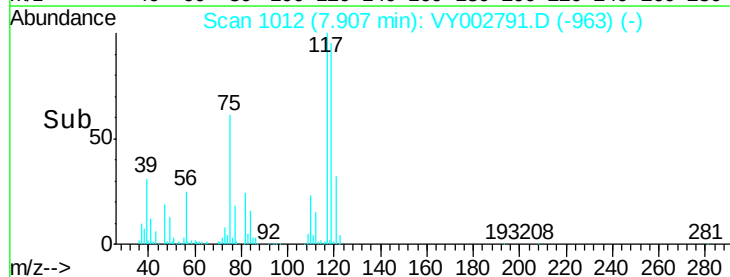
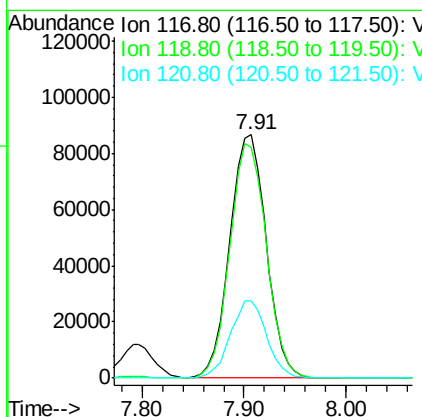
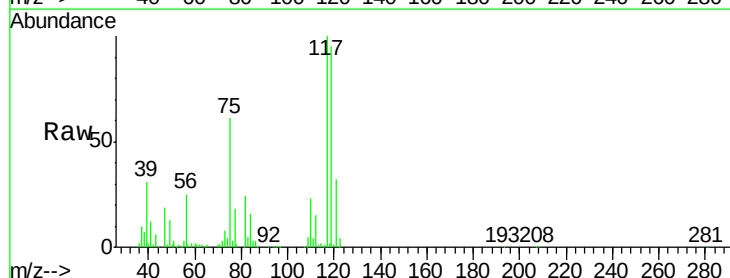
Manual Integrations
APPROVED

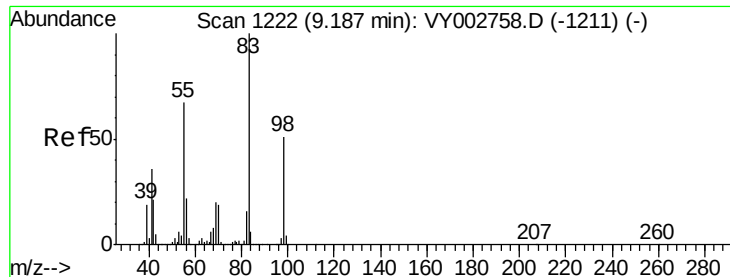
MMDadoda
5/29/2020 10:57:09 AM



#38
Carbon Tetrachloride
Concen: 48.334 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.8	115.2
121	31.7	24.8	37.2





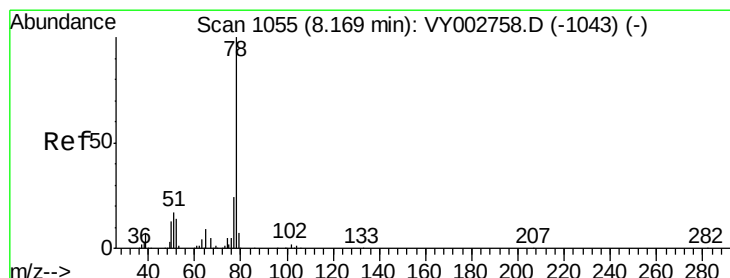
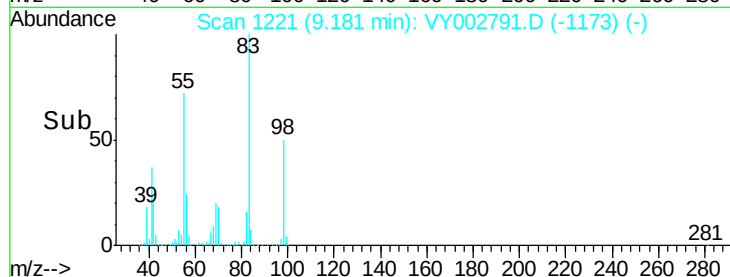
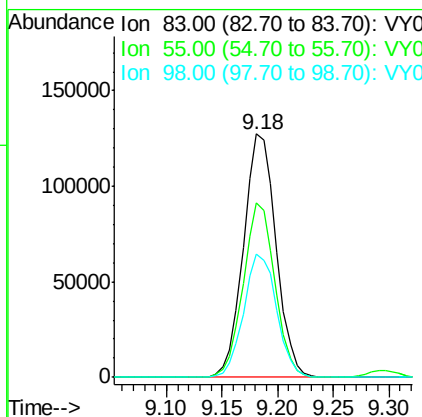
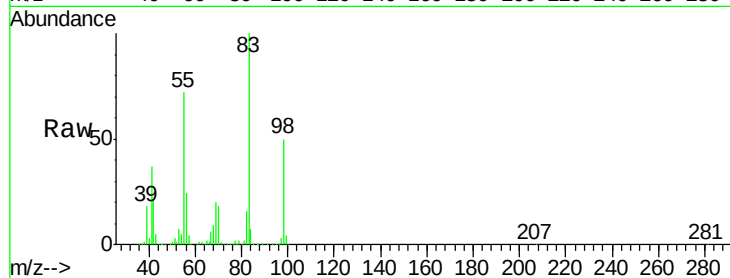
#39
Methylvlcyclohexane
Concen: 49.039 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	53.3	79.9
98	50.5	41.1	61.7

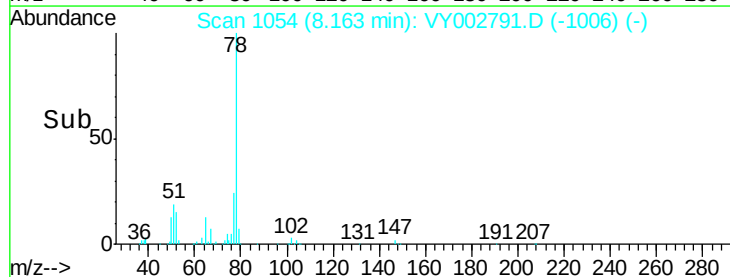
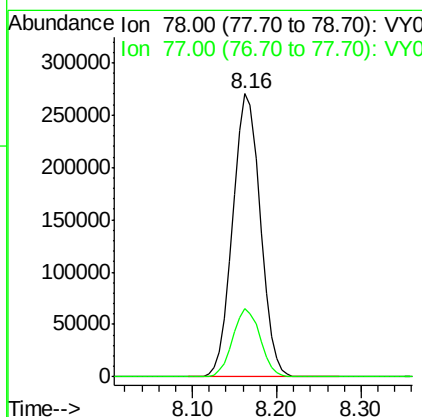
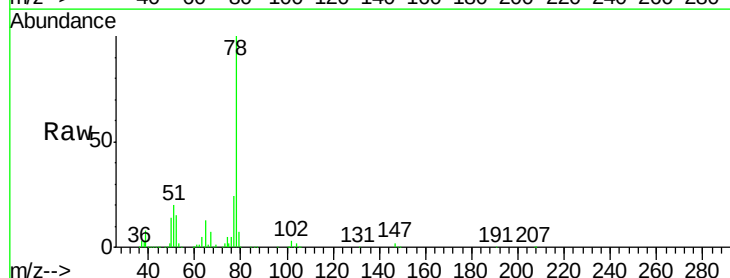
Manual Integrations
APPROVED

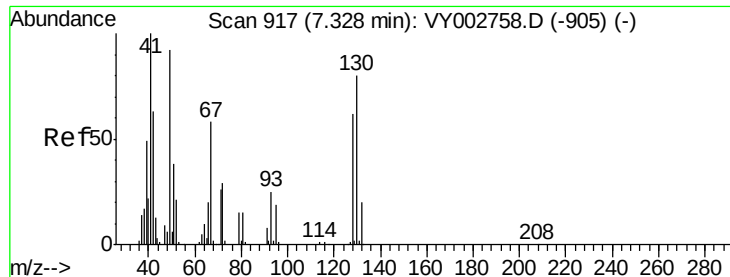
MMDadoda
5/29/2020 10:57:09 AM



#40
Benzene
Concen: 50.452 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.8	28.2





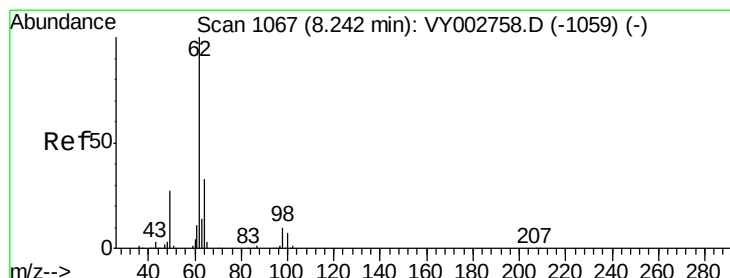
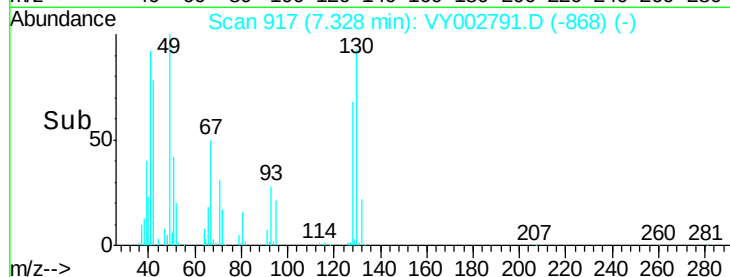
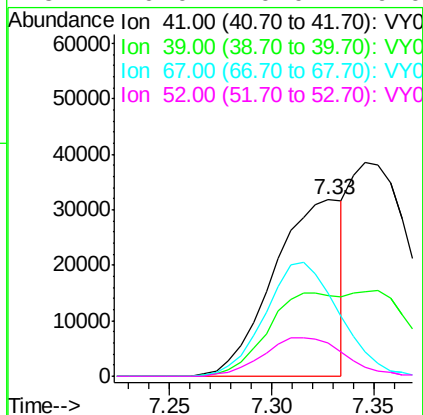
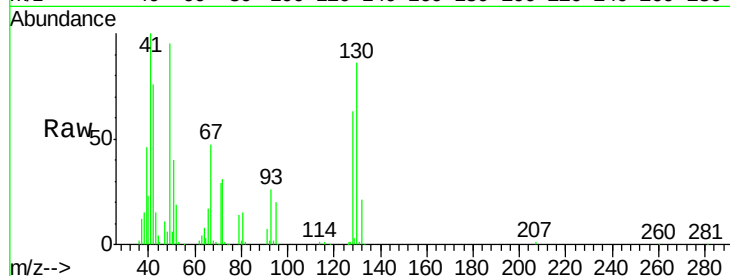
#41
Methacrylonitrile
Concen: 63.925 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	0.0	97.6	146.4#	
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

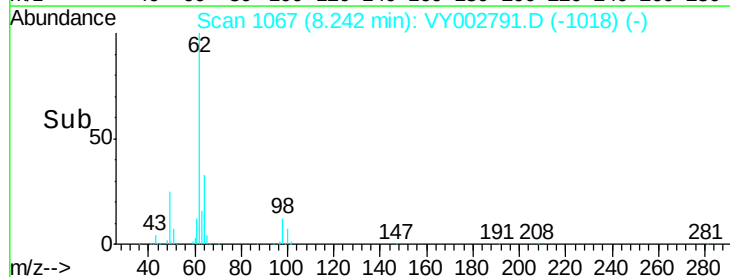
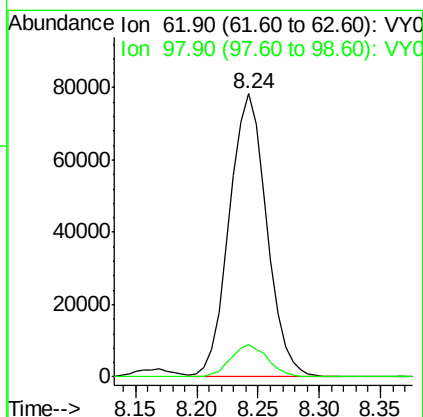
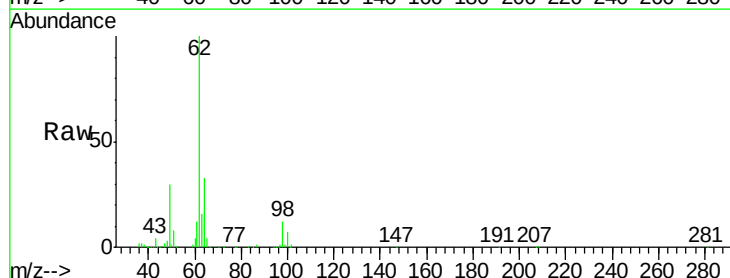
Manual Integrations
APPROVED

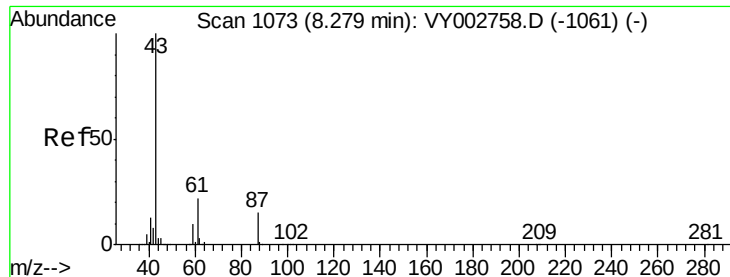
MMDadoda
5/29/2020 10:57:09 AM



#42
1,2-Dichloroethane
Concen: 49.988 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.3	0.0	22.6	





#43

Isopropyl Acetate

Concen: 52.810 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

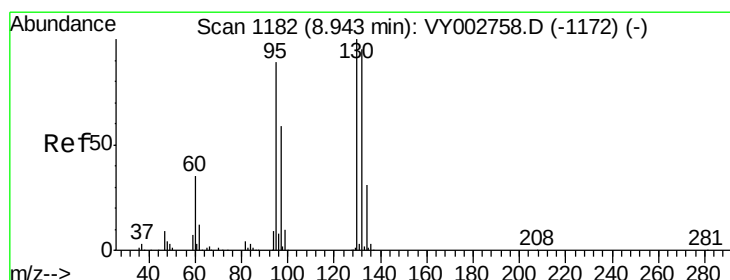
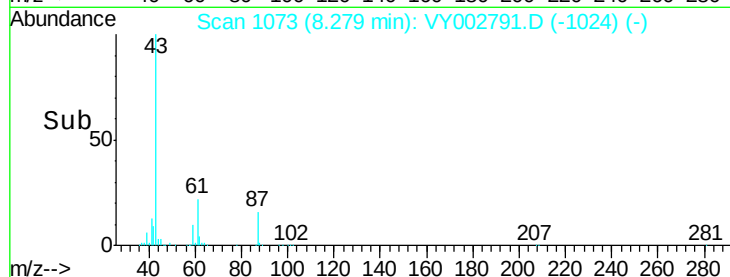
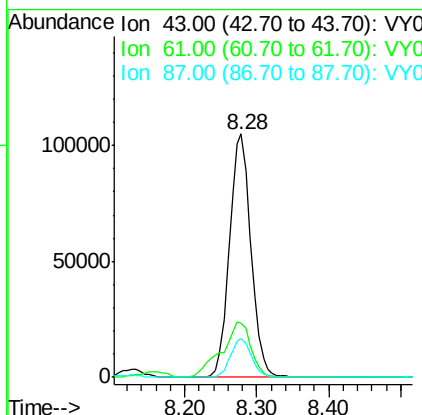
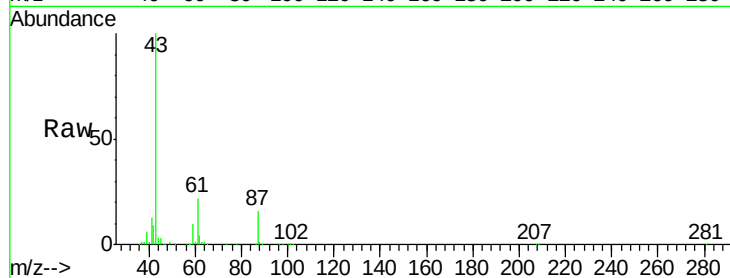
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	218257
Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	15.7	12.4	18.6

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#44

Trichloroethene

Concen: 49.807 ug/l

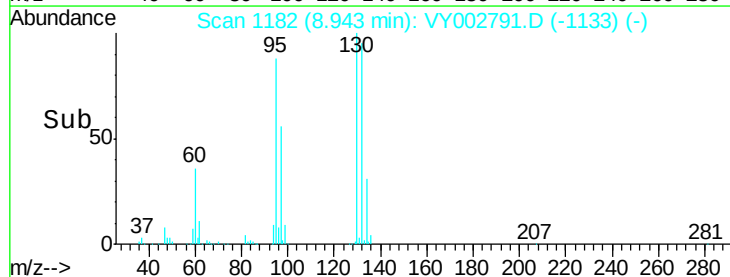
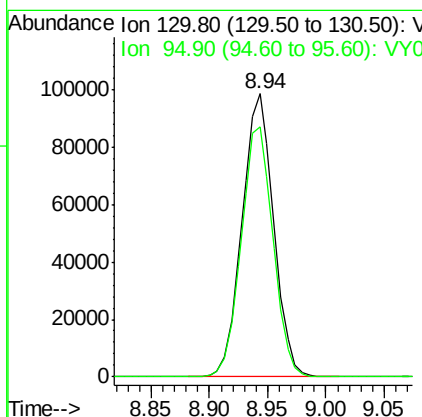
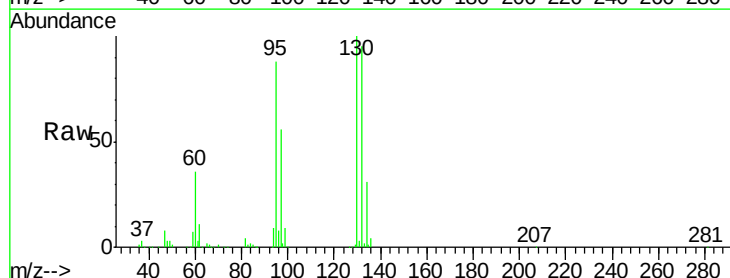
RT: 8.94 min Scan# 1182

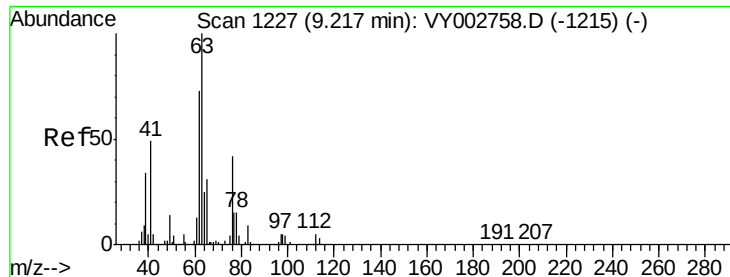
Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion:	130	Resp:	186343
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	178.8





#45

1,2-Dichloropropane

Concen: 51.670 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 146763

Ion Ratio Lower Upper

63 100

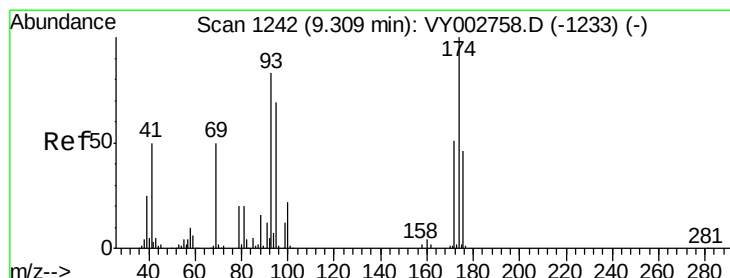
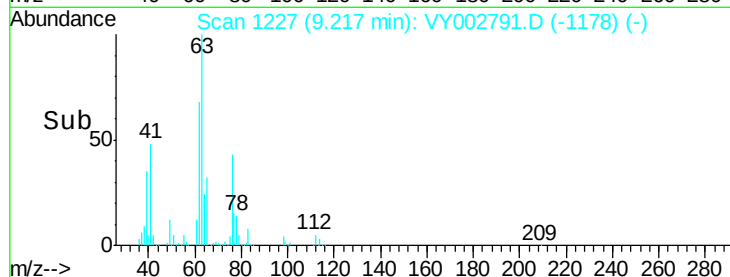
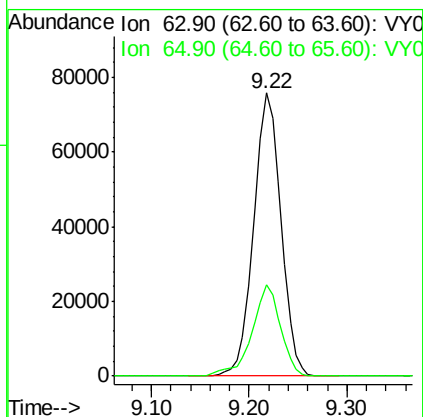
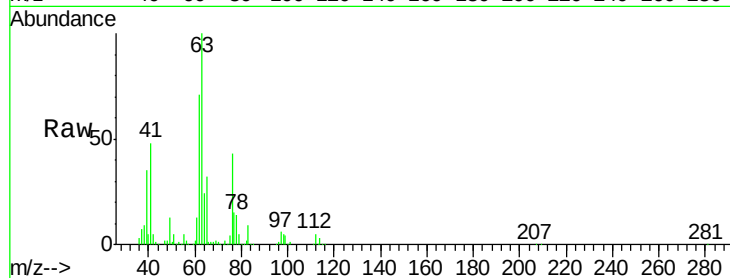
65 32.1 24.8 37.2

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



#46

Dibromomethane

Concen: 51.727 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

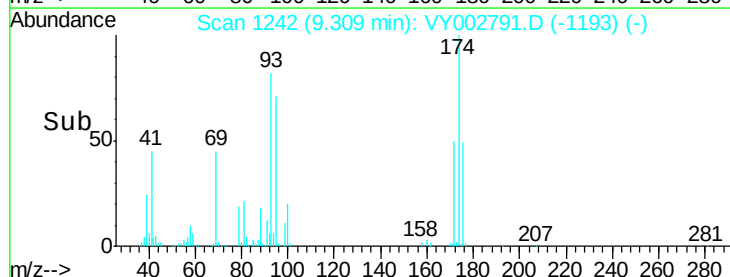
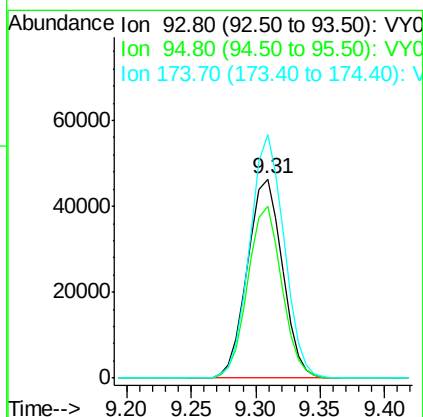
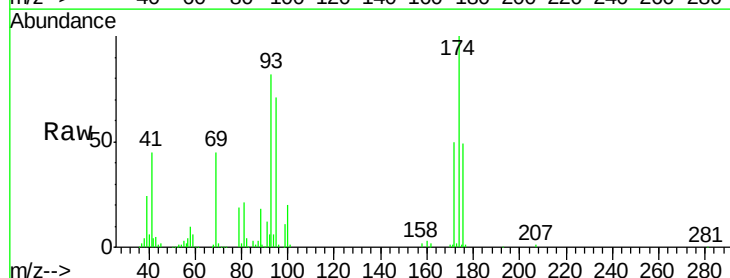
Tgt Ion: 93 Resp: 87257

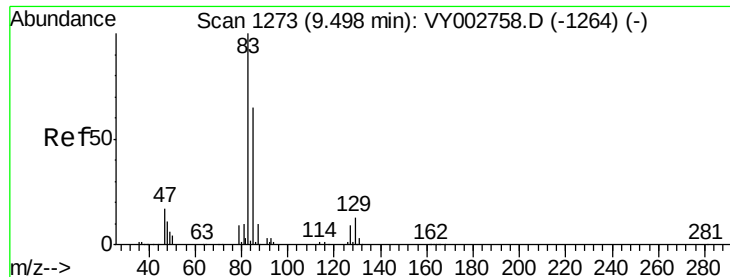
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 119.4 97.7 146.5





#47

Bromodichloromethane

Concen: 51.974 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

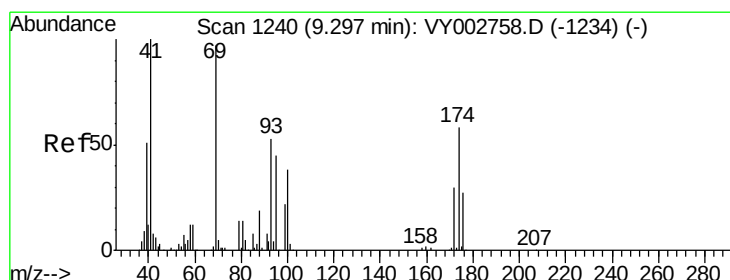
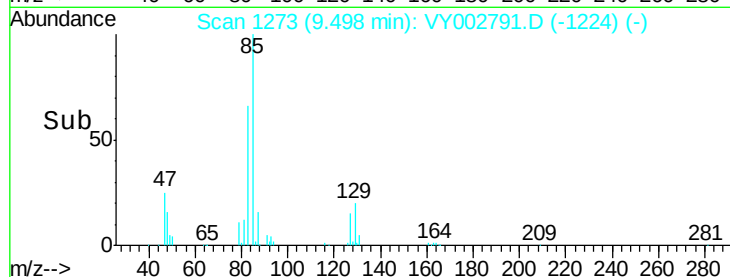
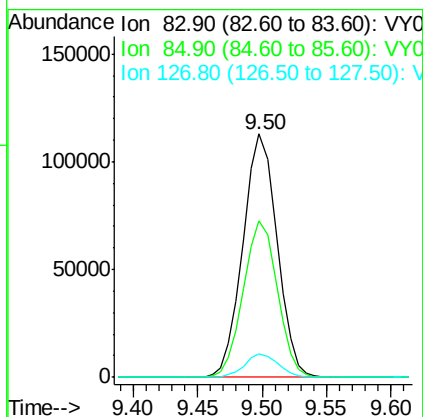
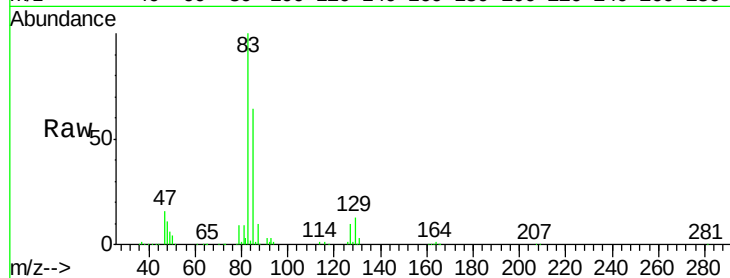
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	206689
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9
127	9.7	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#48

Methyl methacrylate

Concen: 53.201 ug/l

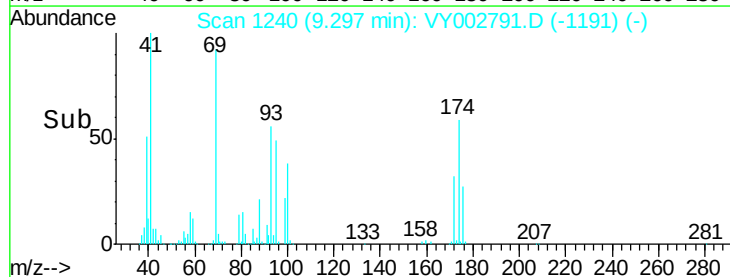
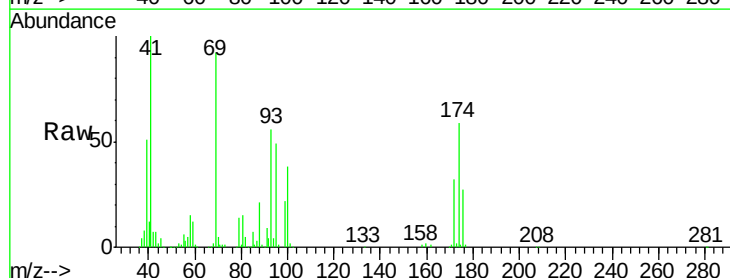
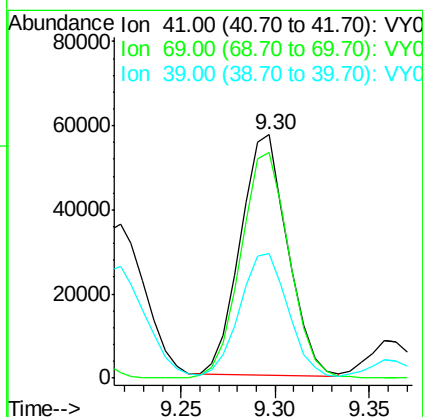
RT: 9.30 min Scan# 1240

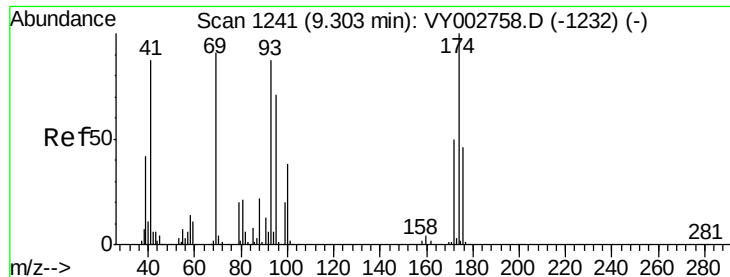
Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion:	41	Resp:	99258
Ion	Ratio	Lower	Upper
41	100		
69	96.7	79.7	119.5
39	53.4	43.3	64.9





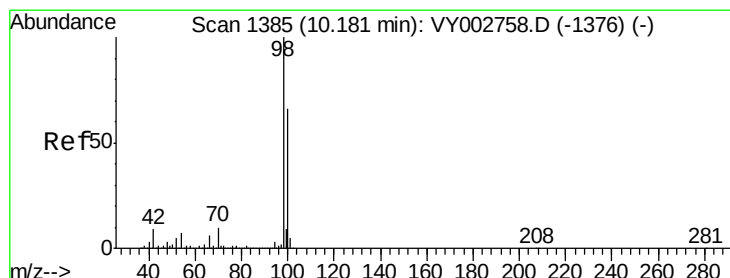
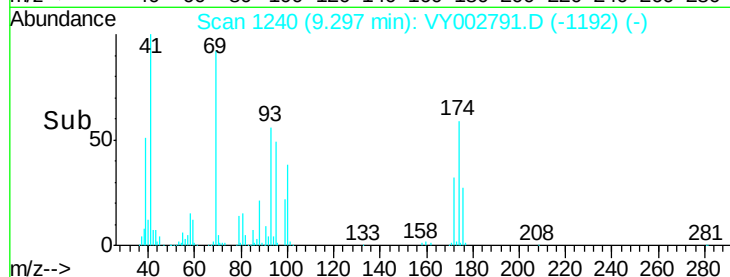
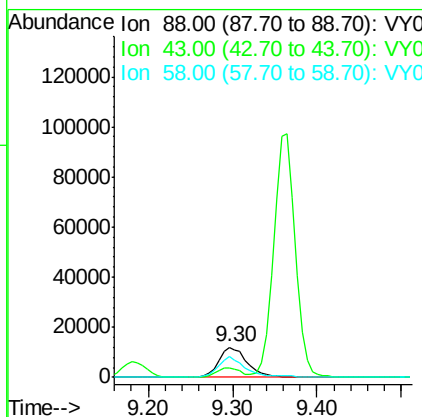
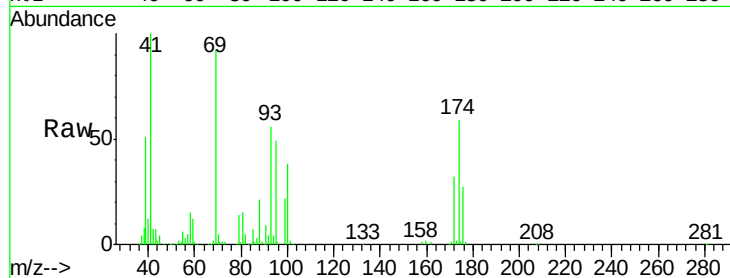
#49
1,4-Dioxane
Concen: 1069.517 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	27702
Ion	Ratio	Lower	Upper
88	100		
43	28.0	21.3	31.9
58	66.8	52.2	78.2

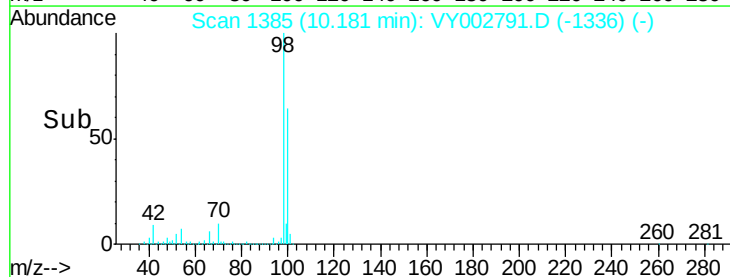
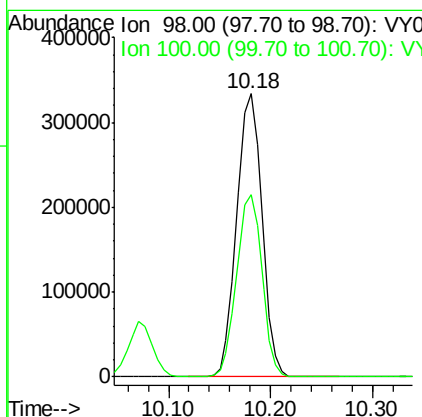
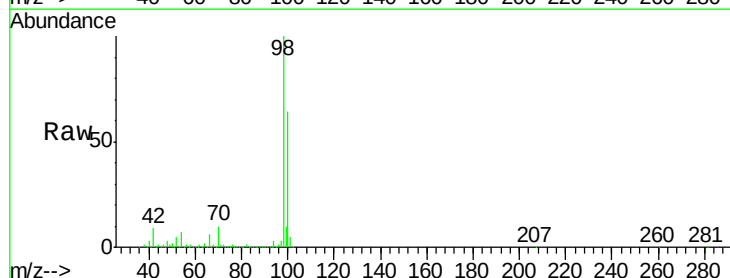
Manual Integrations
APPROVED

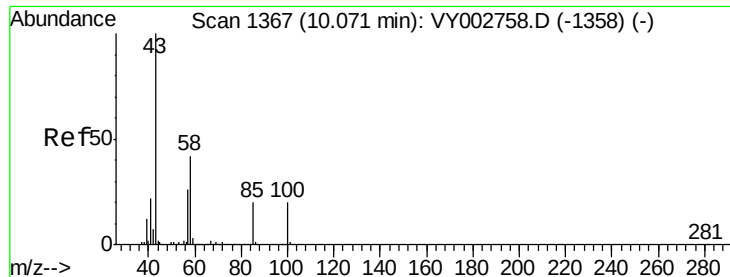
MMDadoda
5/29/2020 10:57:09 AM



#50
Toluene-d8
Concen: 50.806 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	98	Resp	572873
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 267.465 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 585339

Ion Ratio Lower Upper

43 100

58 41.7

34.2

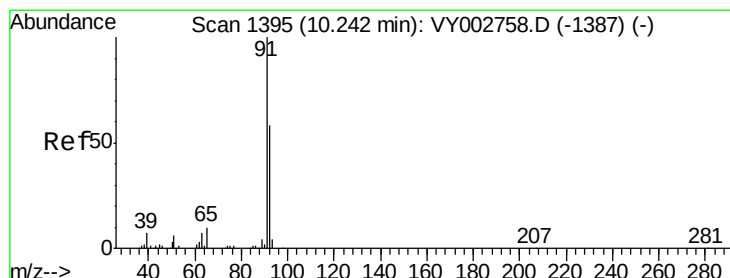
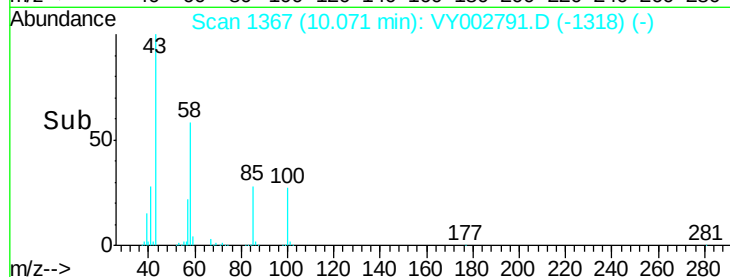
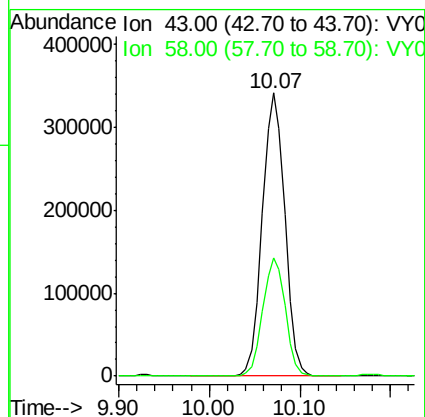
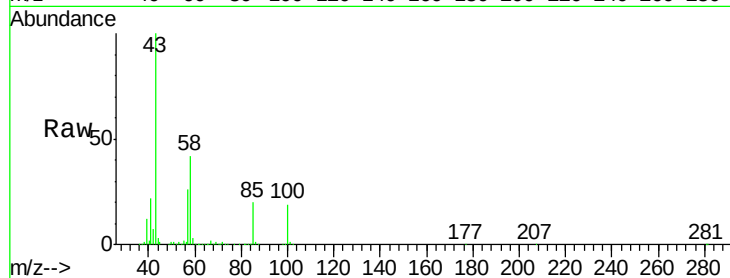
51.2

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



#52

Toluene

Concen: 49.737 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion: 92 Resp: 385374

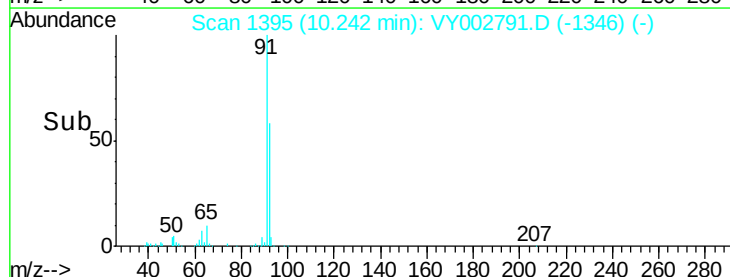
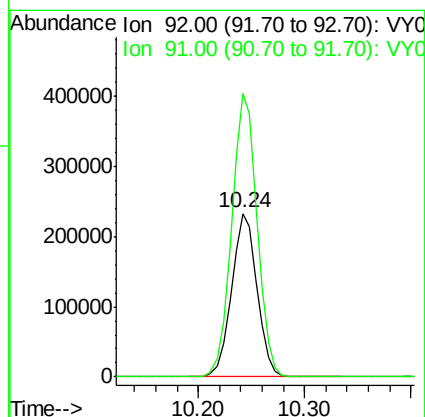
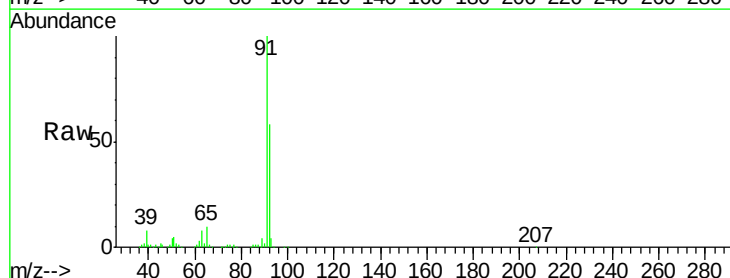
Ion Ratio Lower Upper

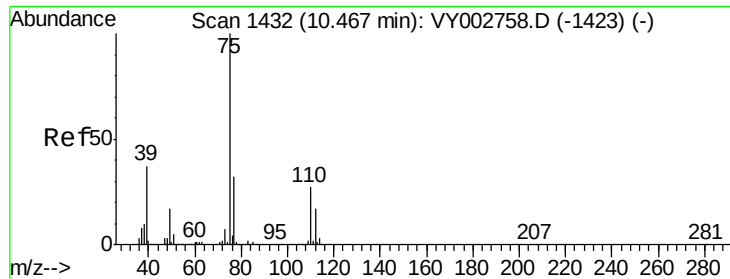
92 100

91 174.8

138.5

207.7





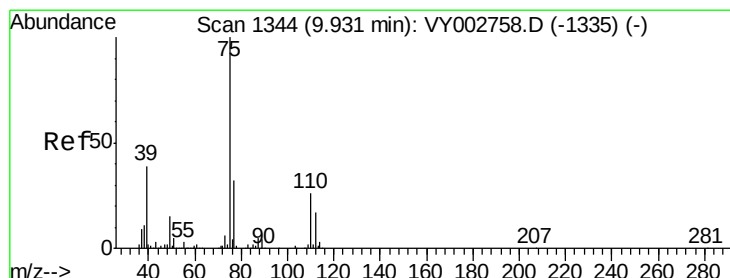
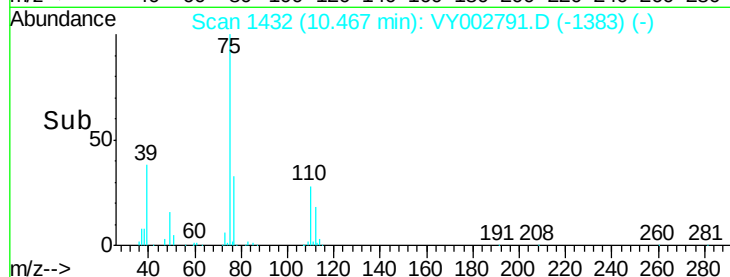
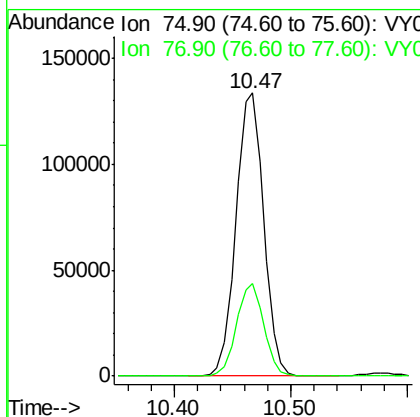
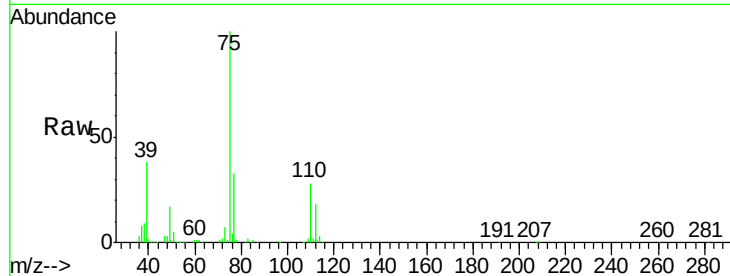
#53
t-1,3-Dichloropropene
Concen: 51.042 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.3	37.9

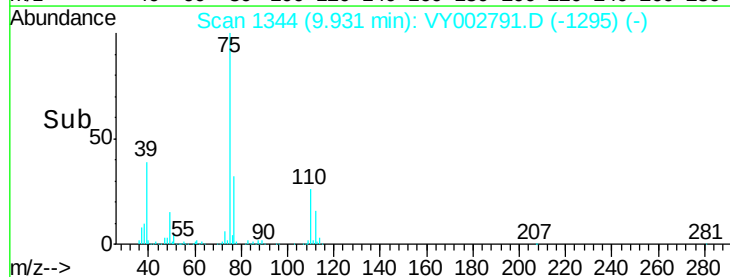
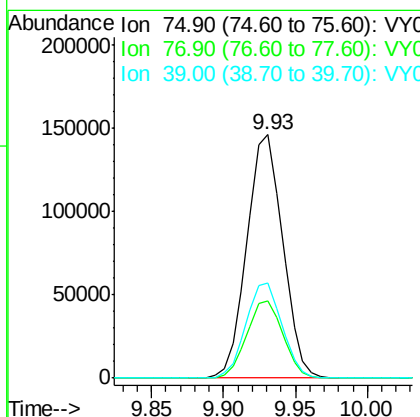
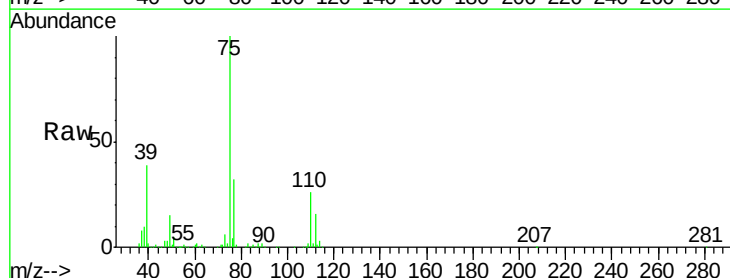
Manual Integrations
APPROVED

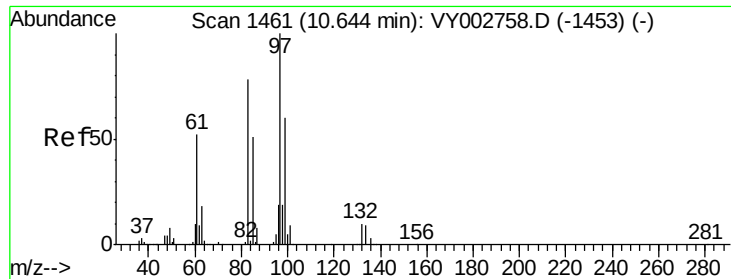
MMDadoda
5/29/2020 10:57:09 AM



#54
cis-1,3-Dichloropropene
Concen: 51.223 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4
39	39.0	31.3	46.9





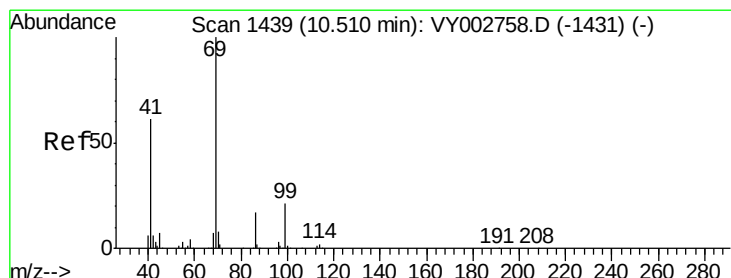
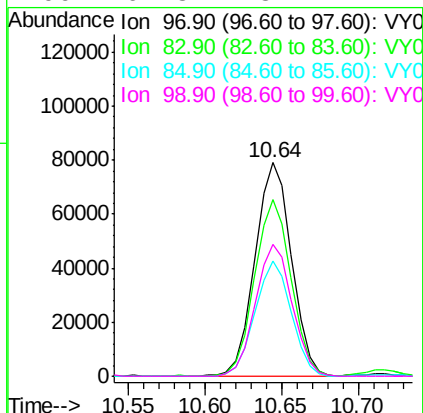
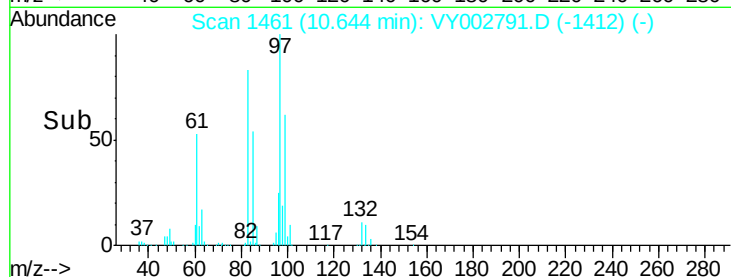
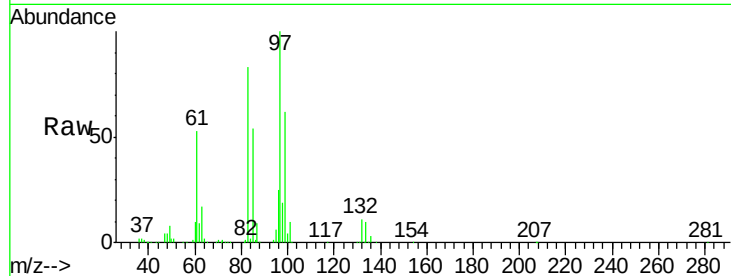
#55
 1,1,2-Trichloroethane
 Concen: 50.975 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		131646		
83	83.1	62.7	94.1		
85	53.7	40.6	60.8		
99	61.8	48.2	72.4		

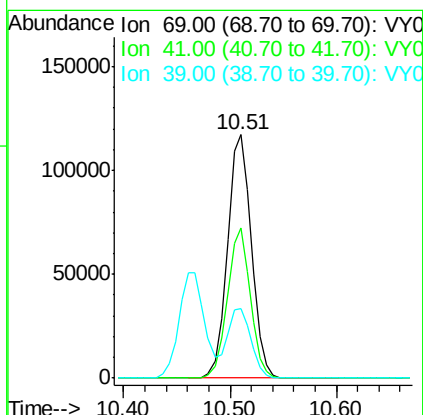
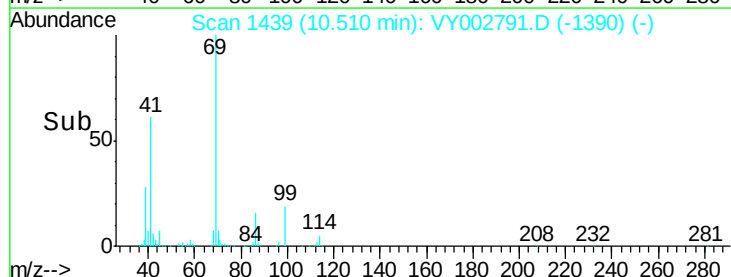
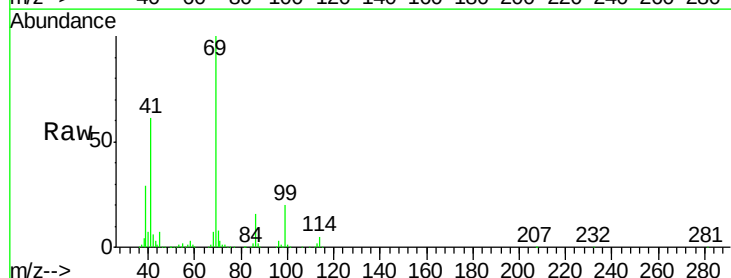
Manual Integrations
 APPROVED

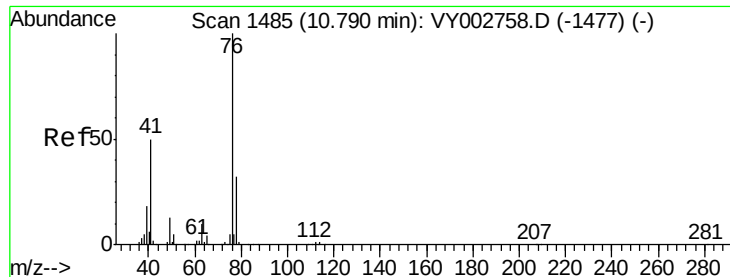
MMDadoda
 5/29/2020 10:57:09 AM



#56
 Ethyl methacrylate
 Concen: 53.120 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		183745		
41	59.1	47.0	70.4		
39	29.0	22.0	33.0		





#57

1,3-Dichloropropane

Concen: 51.273 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 217796

Ion Ratio Lower Upper

76 100

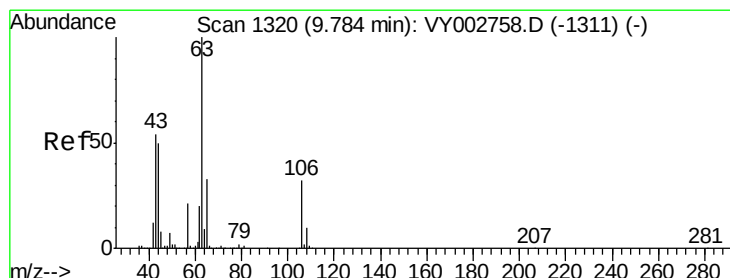
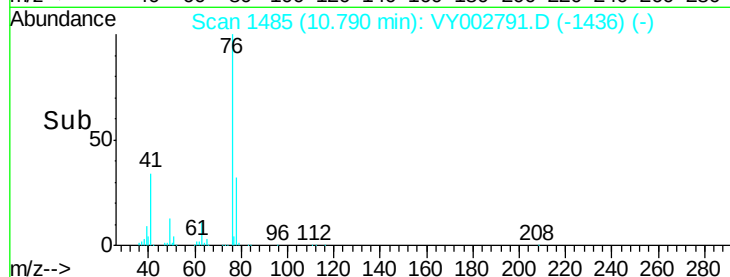
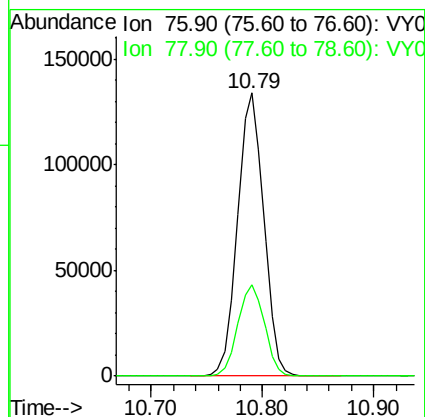
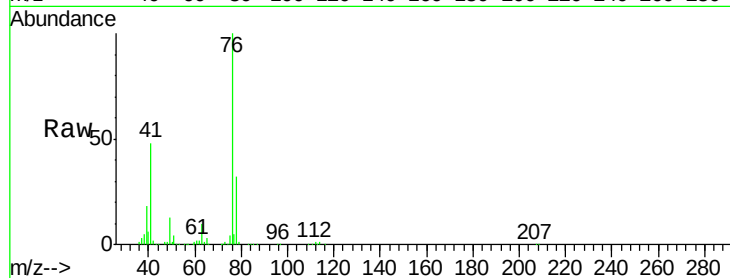
78 32.8 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



#58

2-Chloroethyl Vinyl ether

Concen: 261.199 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002791.D

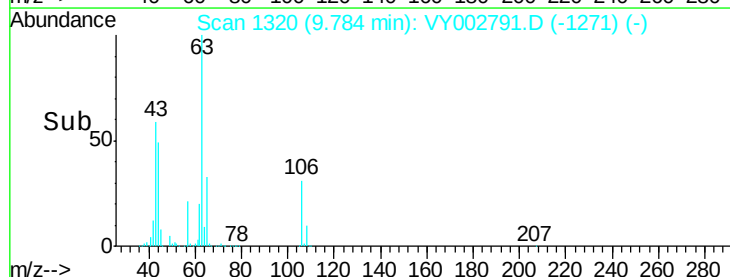
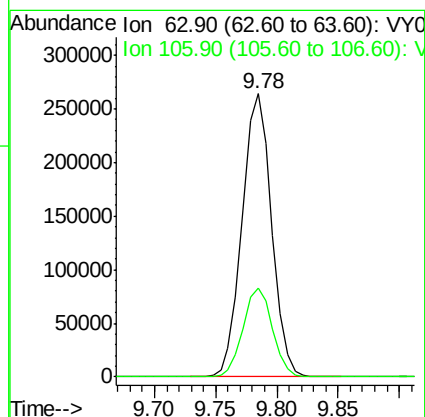
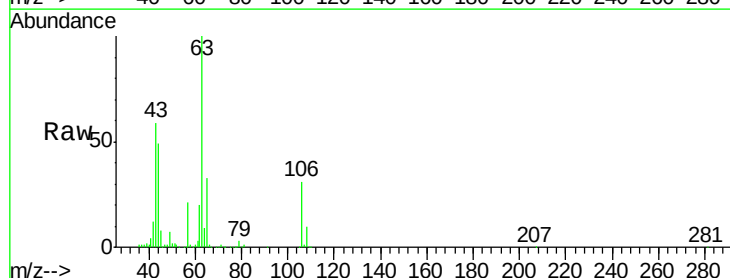
Acq: 28 May 2020 16:32

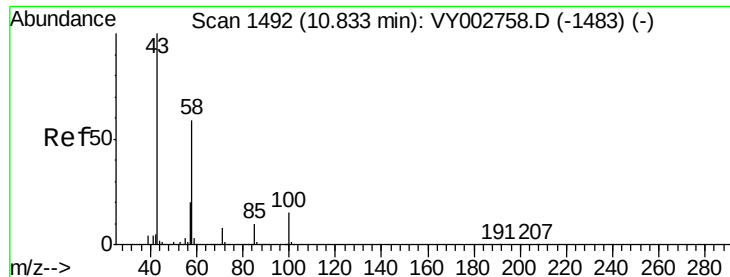
Tgt Ion: 63 Resp: 441481

Ion Ratio Lower Upper

63 100

106 31.3 25.4 38.2





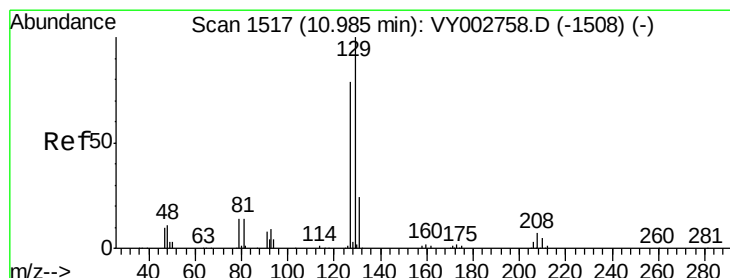
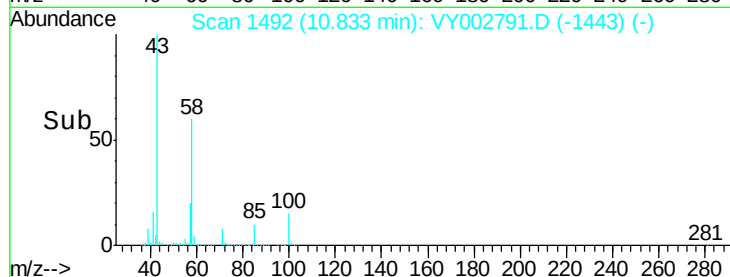
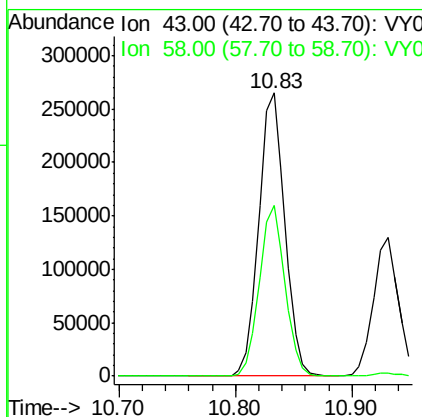
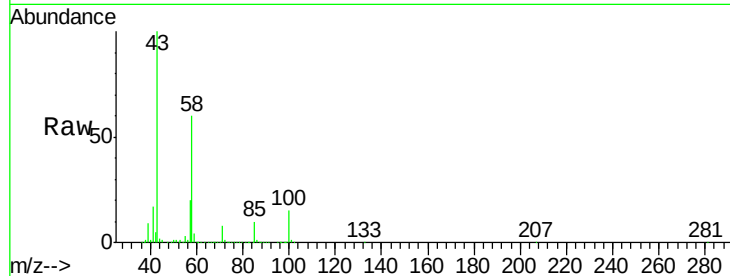
#59
2-Hexanone
Concen: 265.460 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	412199
Ion	Ratio	Lower	Upper
43	100		
58	59.2	29.5	88.5

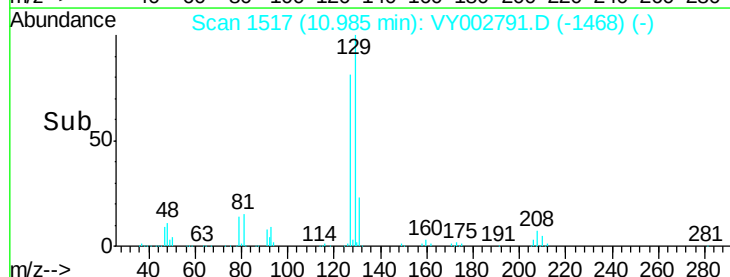
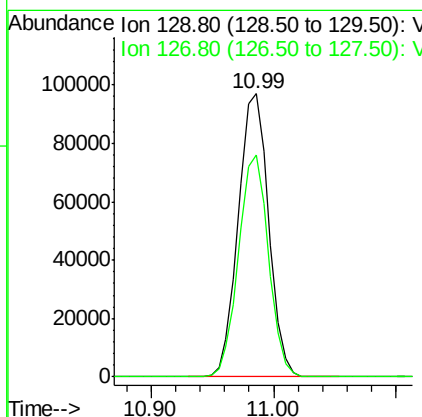
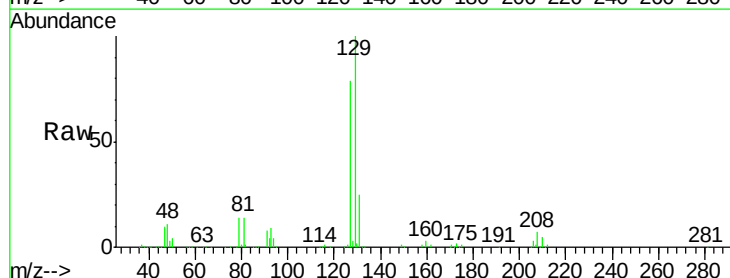
Manual Integrations
APPROVED

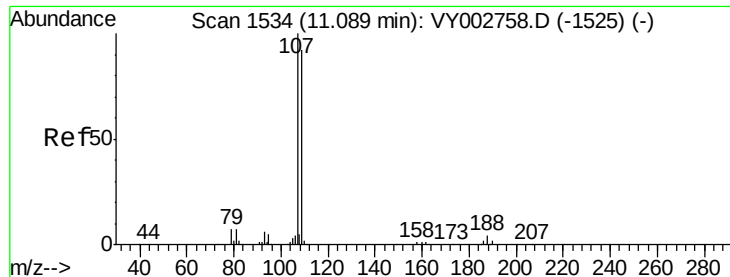
MMDadoda
5/29/2020 10:57:09 AM



#60
Dibromochloromethane
Concen: 51.009 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	129	Resp	167013
Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.3





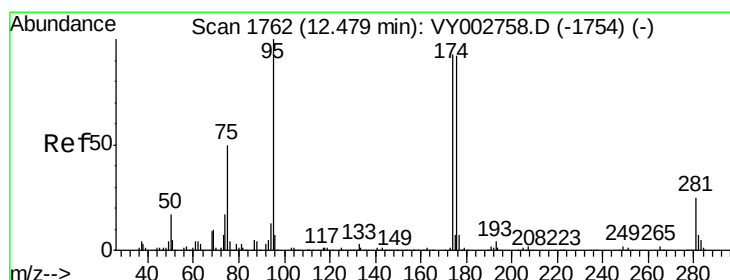
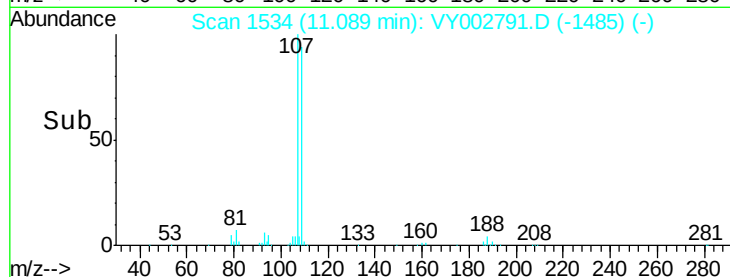
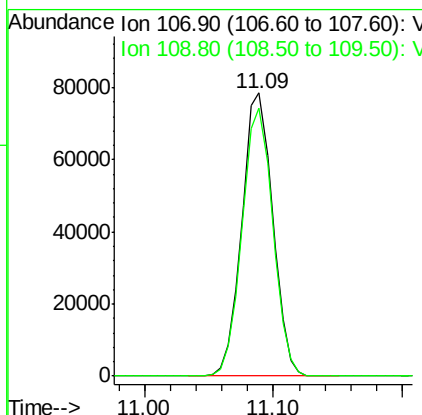
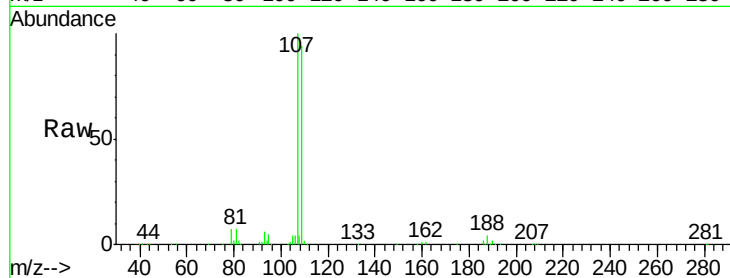
#61
 1,2-Dibromoethane
 Concen: 50.899 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.6	113.4

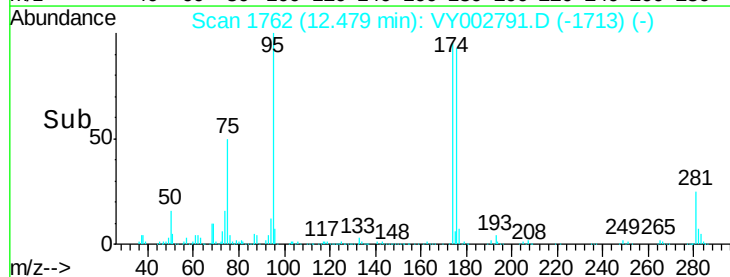
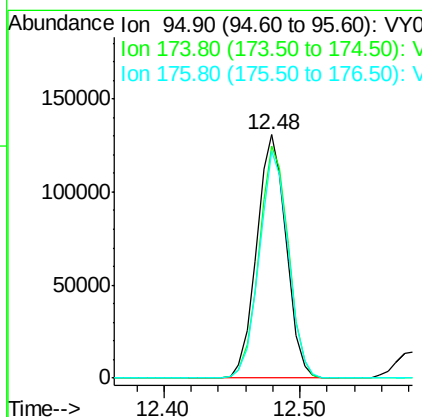
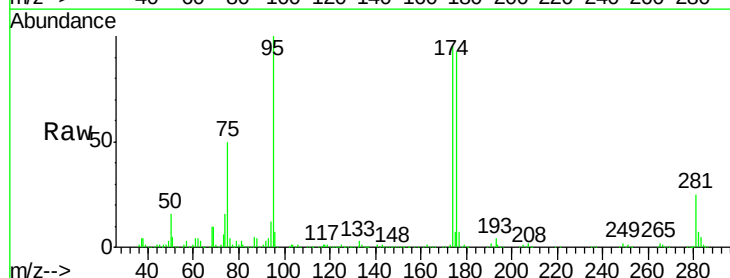
Manual Integrations
 APPROVED

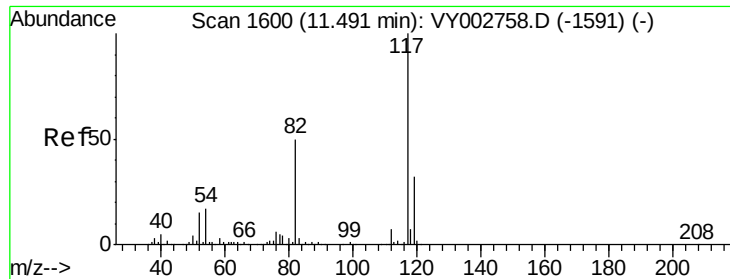
MMDadoda
 5/29/2020 10:57:09 AM



#62
 4-Bromofluorobenzene
 Concen: 51.715 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	191.2
176	91.8	0.0	188.8





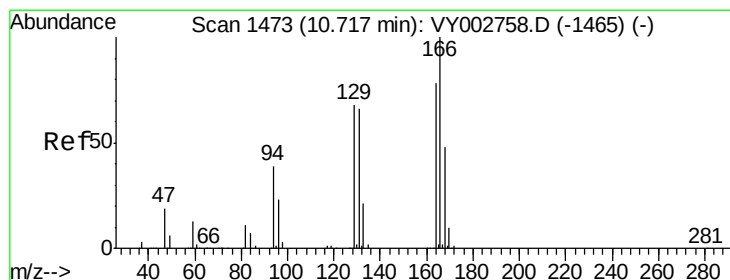
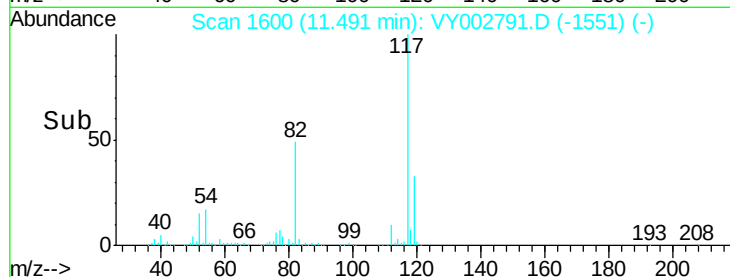
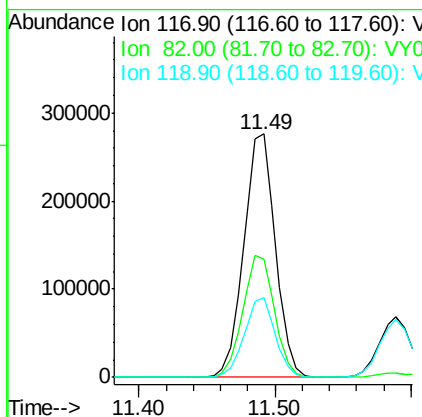
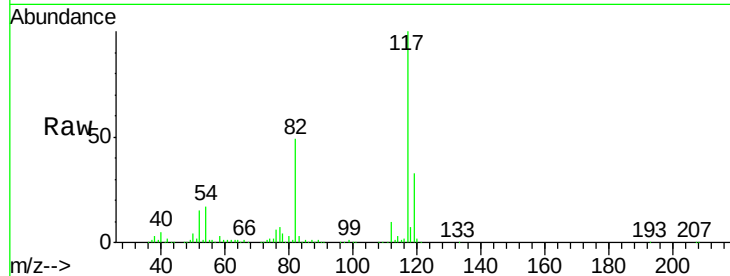
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	446252		
82	48.6		40.2	60.4
119	32.7		25.8	38.8

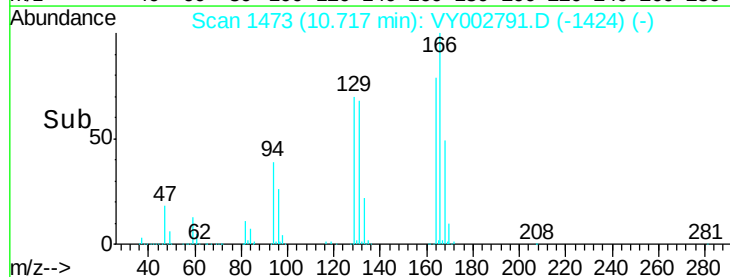
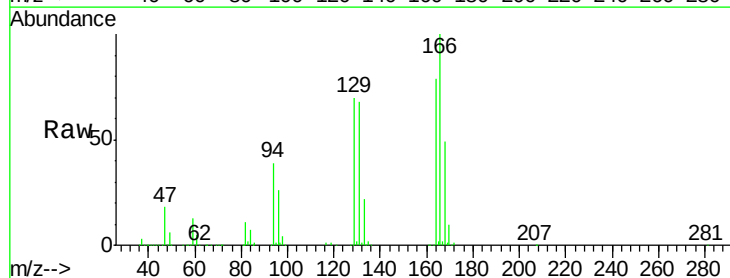
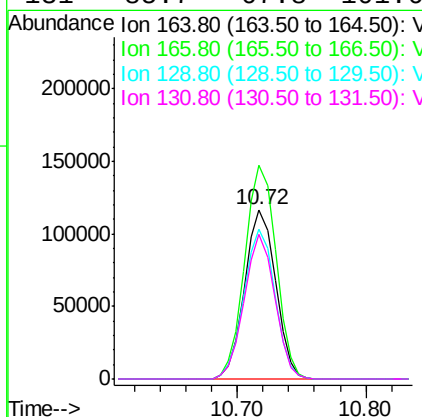
Manual Integrations
APPROVED

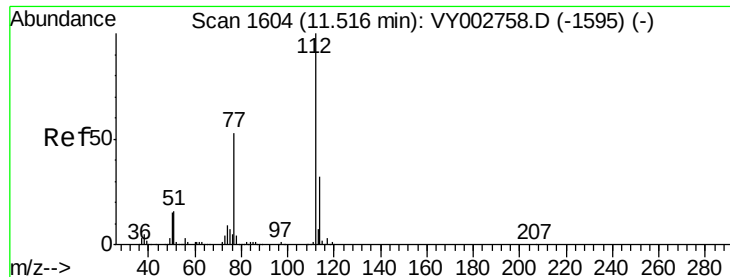
MMDadoda
5/29/2020 10:57:09 AM



#64
Tetrachloroethene
Concen: 47.572 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192940		
166	126.1		102.3	153.5
129	88.5		69.4	104.2
131	85.7		67.8	101.6





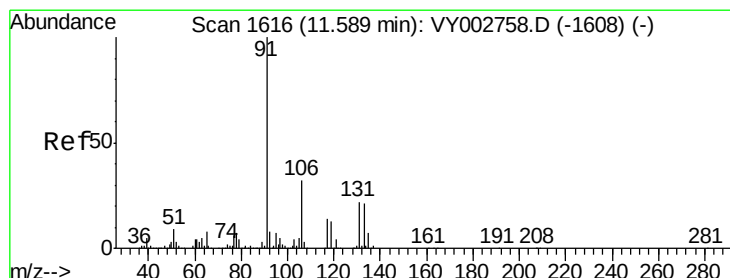
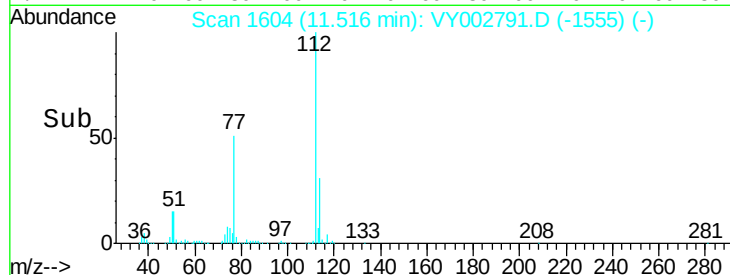
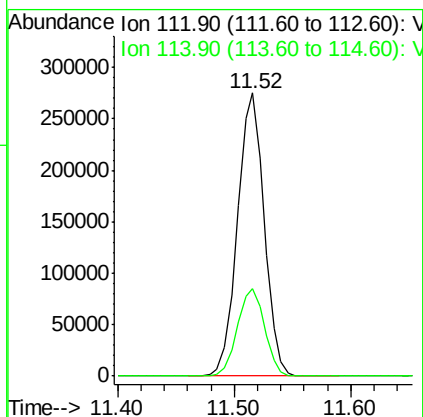
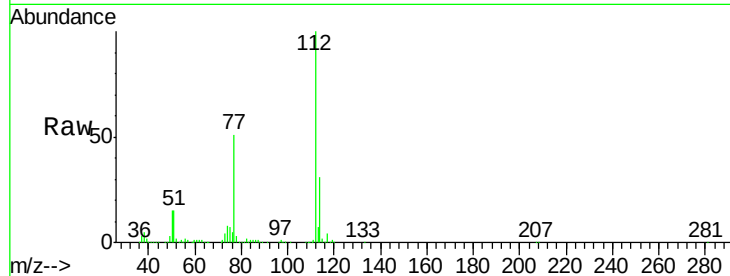
#65
Chlorobenzene
Concen: 49.821 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 439427
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

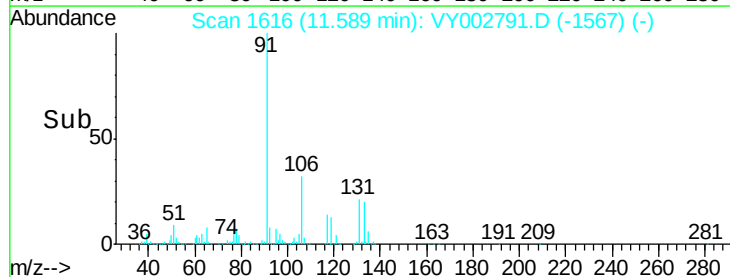
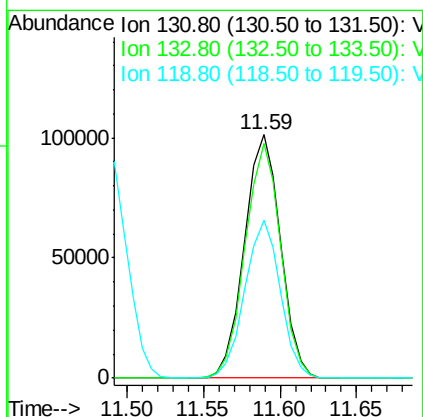
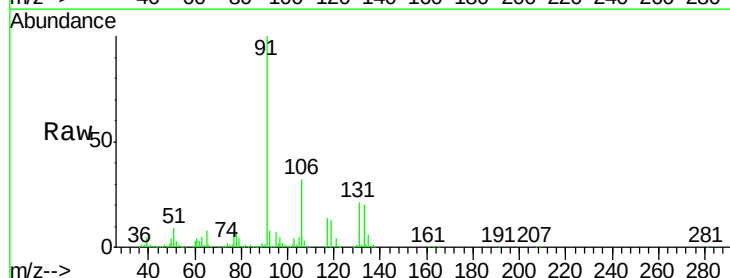
Manual Integrations
APPROVED

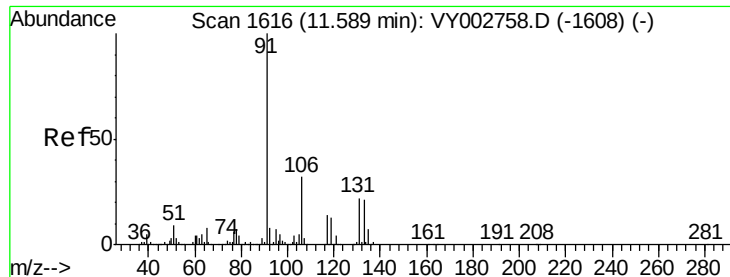
MMDadoda
5/29/2020 10:57:09 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.090 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion:131 Resp: 166394
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 63.8 31.7 95.1





#67

Ethyl Benzene

Concen: 49.212 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 752492

Ion Ratio Lower Upper

91 100

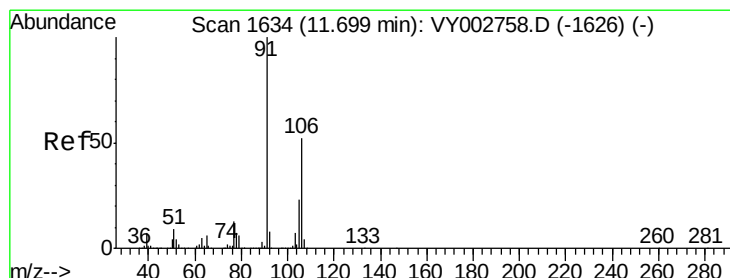
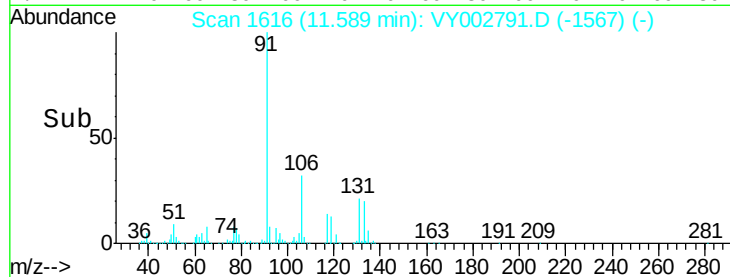
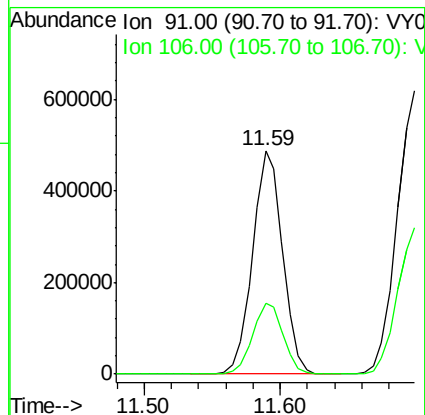
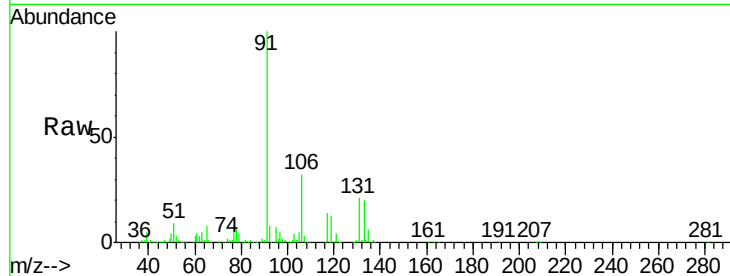
106 32.1 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



#68

m/p-Xylenes

Concen: 99.181 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002791.D

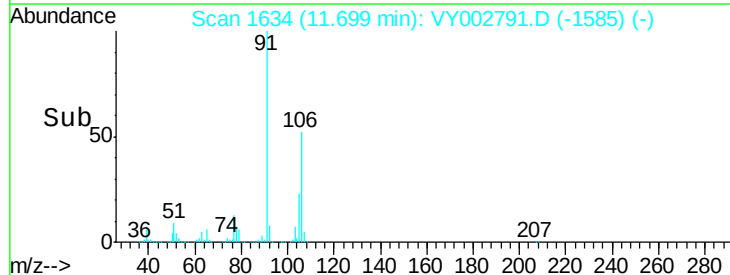
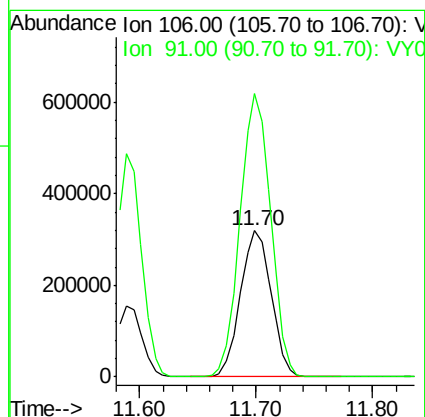
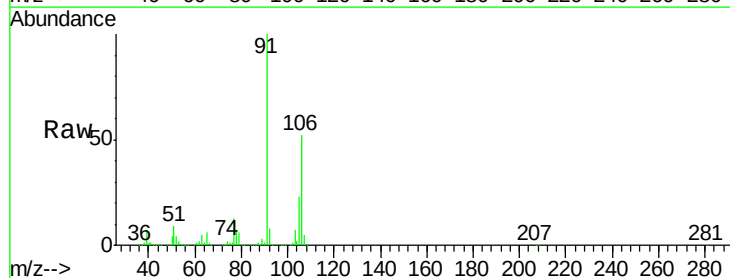
Acq: 28 May 2020 16:32

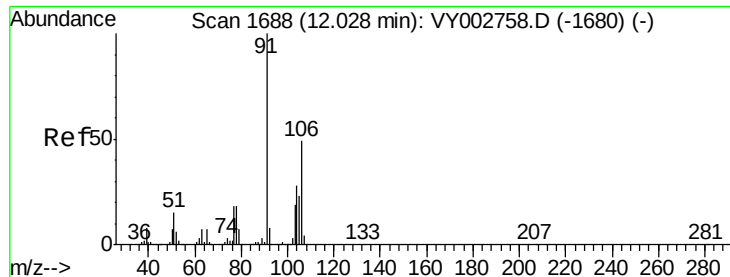
Tgt Ion: 106 Resp: 588001

Ion Ratio Lower Upper

106 100

91 193.3 156.0 234.0





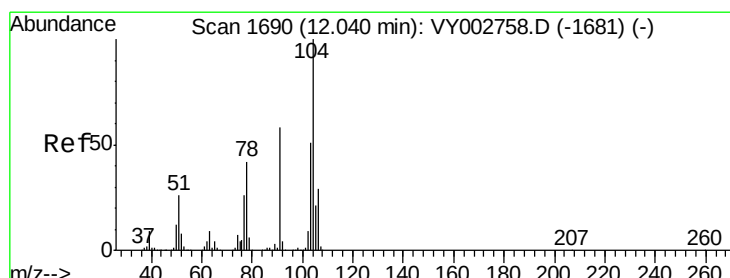
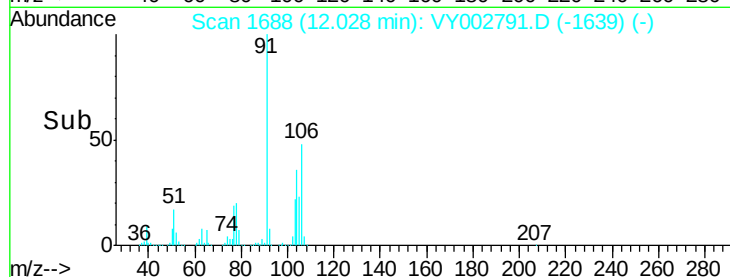
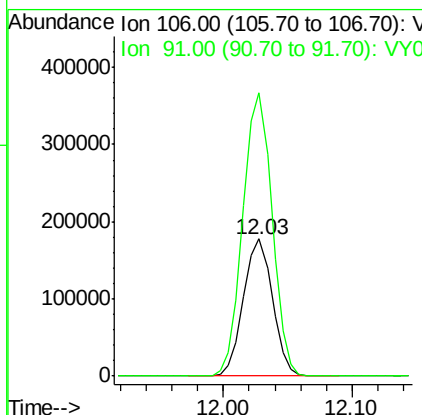
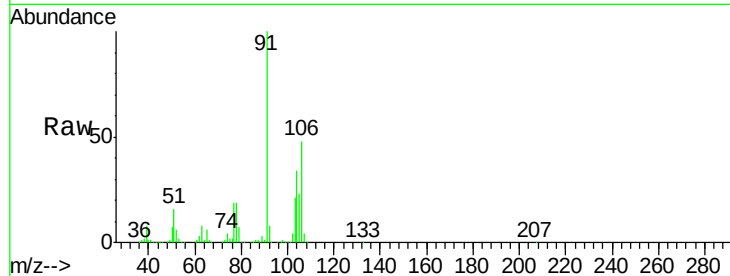
#69
o-Xylene
Concen: 49.439 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	276696		
91	91	208.0	102.4	307.1	

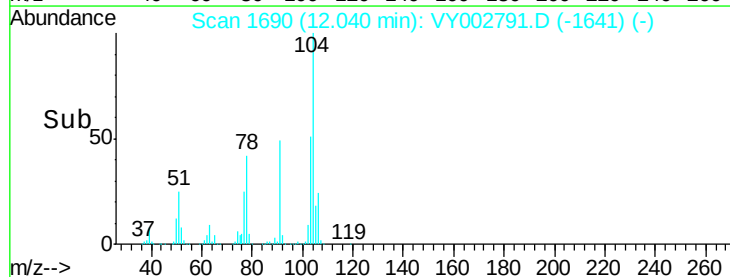
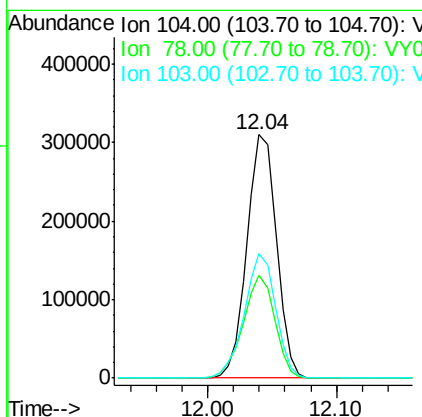
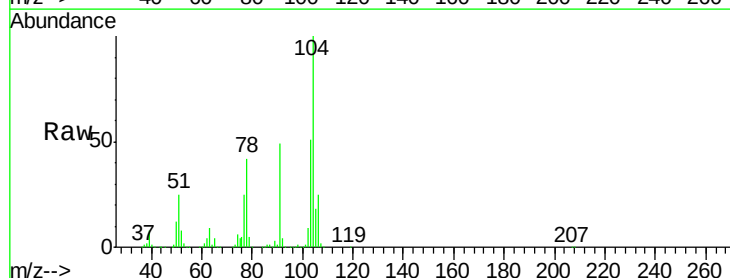
Manual Integrations
APPROVED

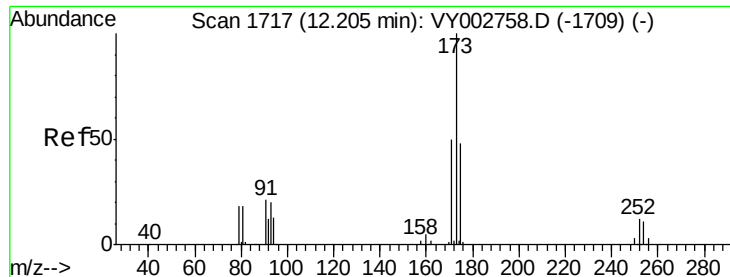
MMDadoda
5/29/2020 10:57:09 AM



#70
Styrene
Concen: 50.705 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	491945		
78	78	45.2	36.2	54.4	
103	103	53.9	43.6	65.4	





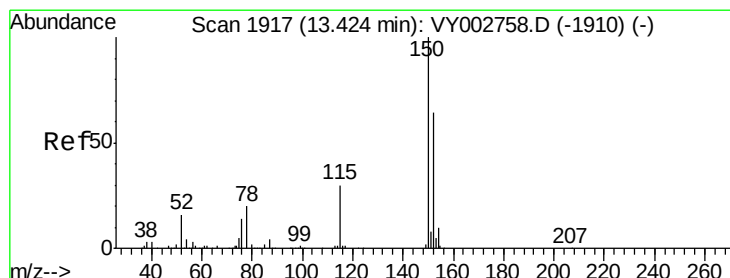
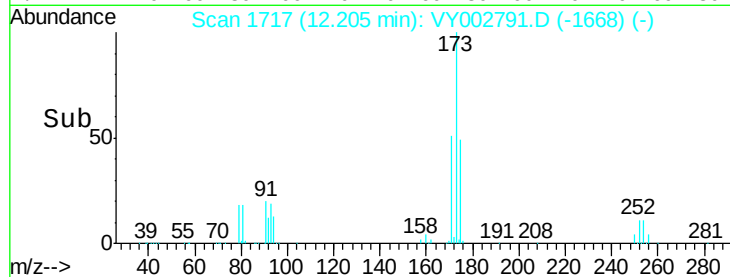
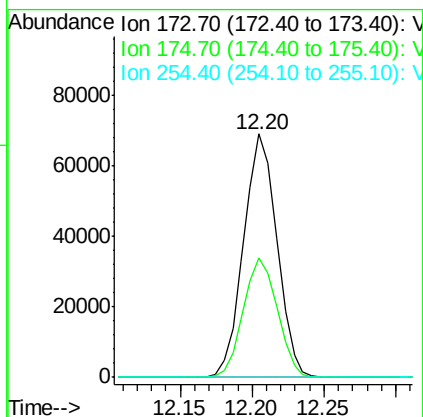
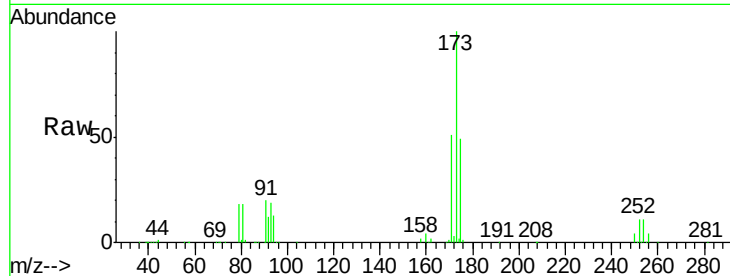
#71
Bromoform
Concen: 49.948 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.3	72.8
254	0.2	0.1	0.1#

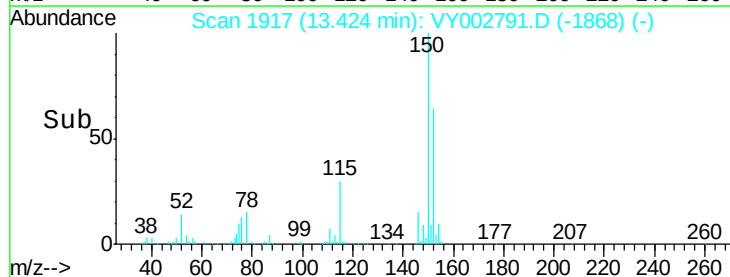
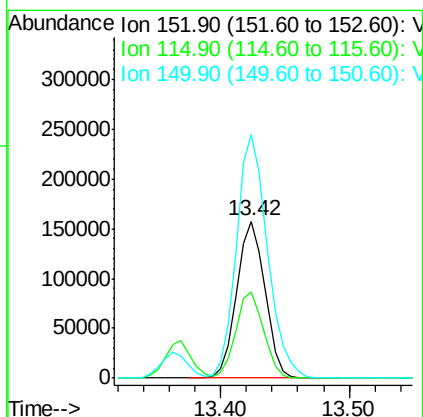
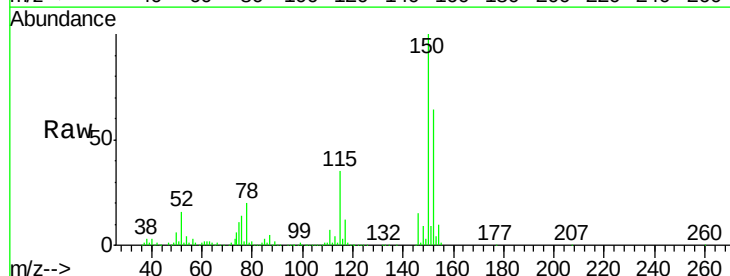
Manual Integrations
APPROVED

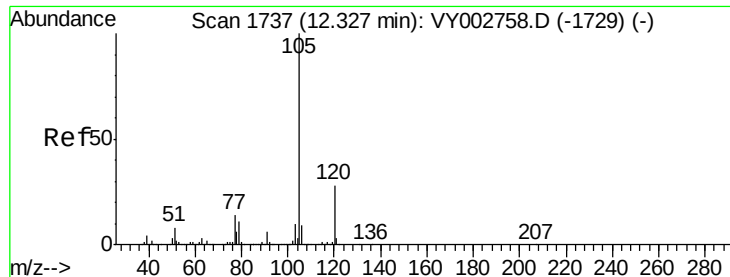
MMDadoda
5/29/2020 10:57:09 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.0	81.0
150	170.6	0.0	344.8





#73

Isopropylbenzene

Concen: 49.359 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 756423

Ion Ratio Lower Upper

105 100

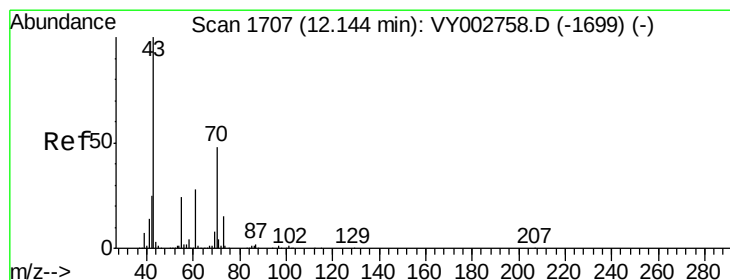
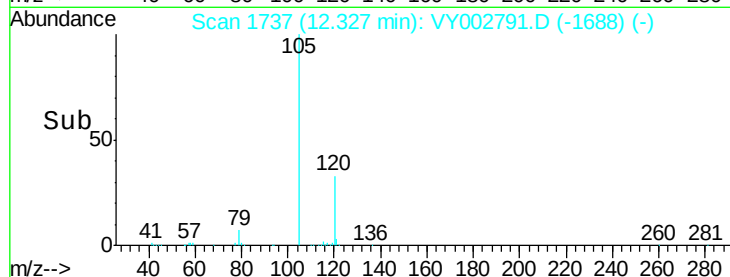
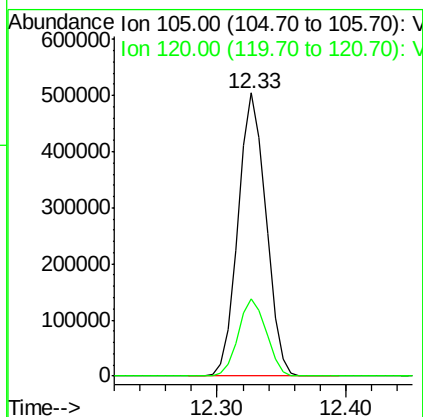
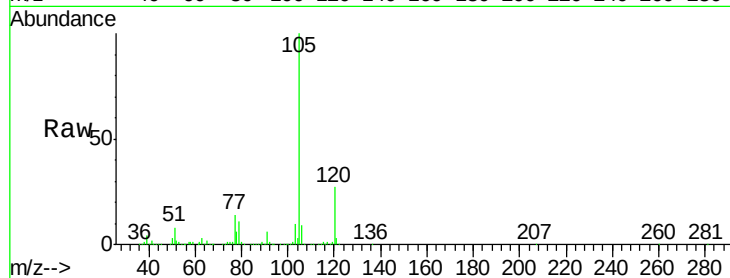
120 27.4 13.7 41.1

Manual Integrations

APPROVED

MMDadoda

5/29/2020 10:57:09 AM



#74

N-ethyl acetate

Concen: 52.930 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Tgt Ion: 43 Resp: 208127

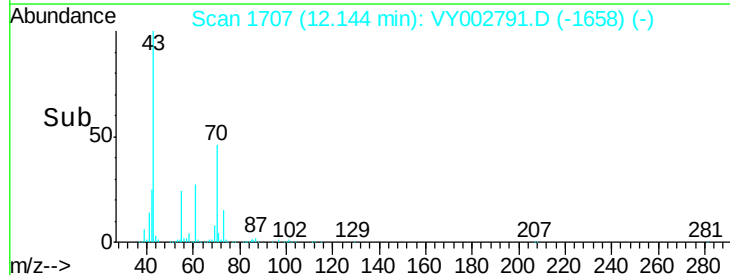
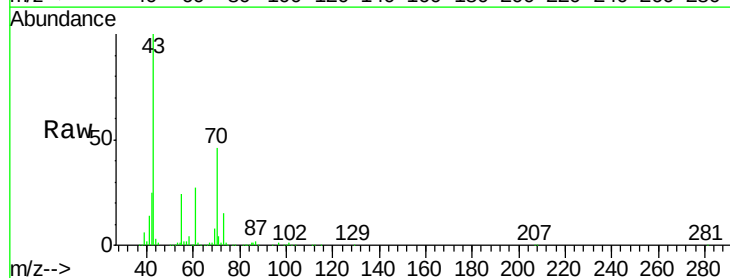
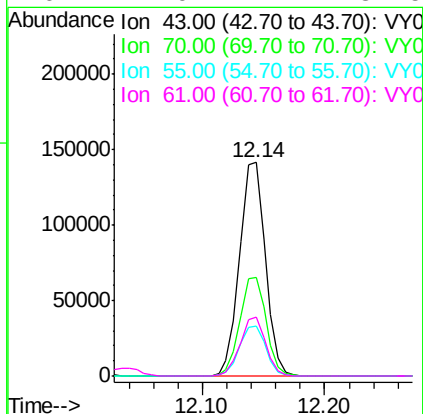
Ion Ratio Lower Upper

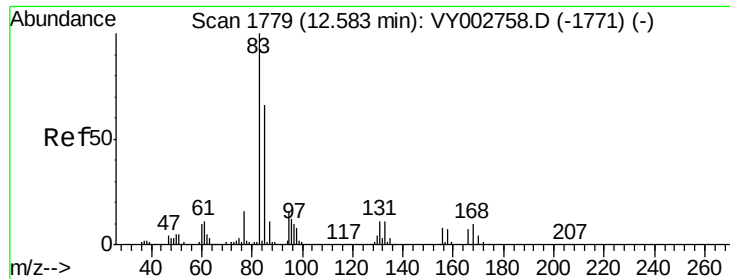
43 100

70 47.0 37.7 56.5

55 24.3 19.8 29.6

61 27.0 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.022 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002791.D

Acq: 28 May 2020 16:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 139882

Ion Ratio Lower Upper

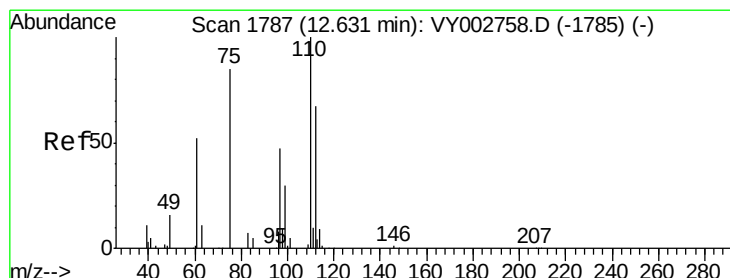
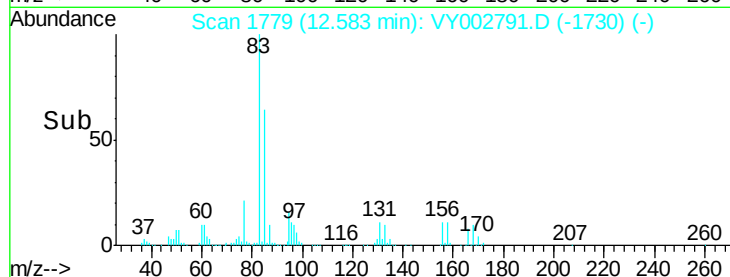
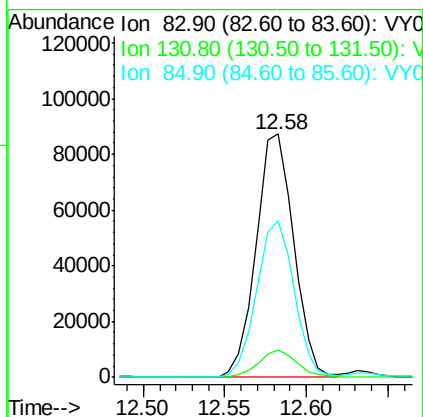
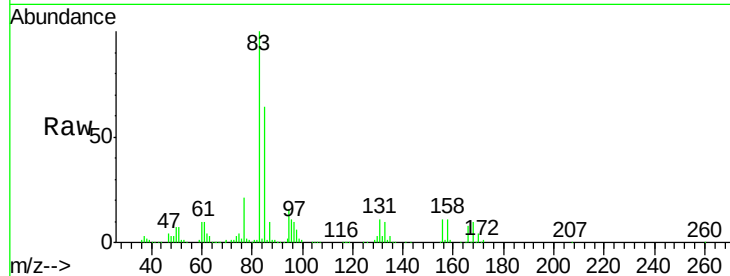
83 100

131 11.5 5.8 17.4

85 64.1 32.6 98.0

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#76

1,2,3-Trichloropropane

Concen: 48.248 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY002791.D

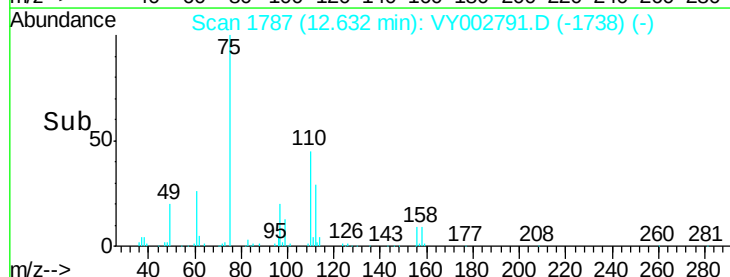
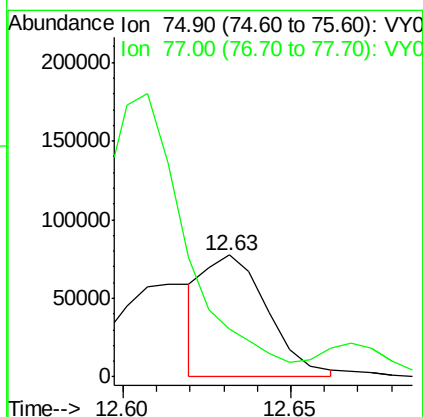
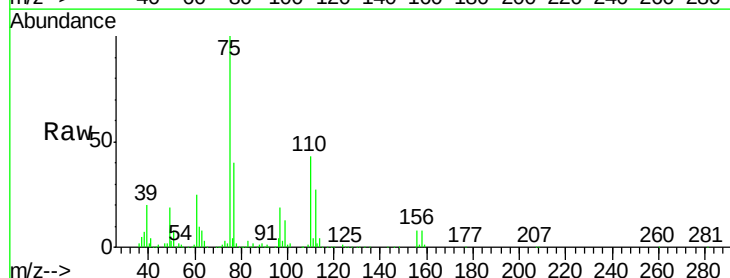
Acq: 28 May 2020 16:32

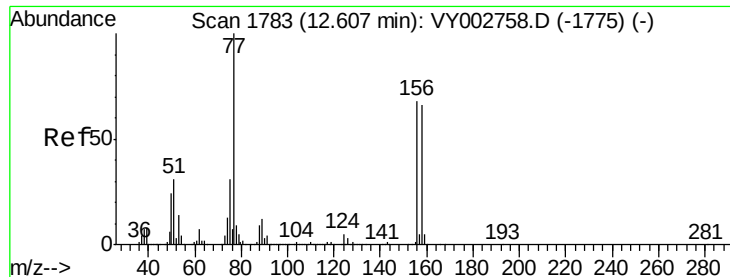
Tgt Ion: 75 Resp: 103965

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





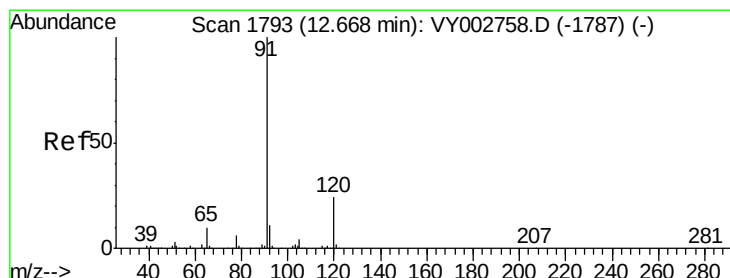
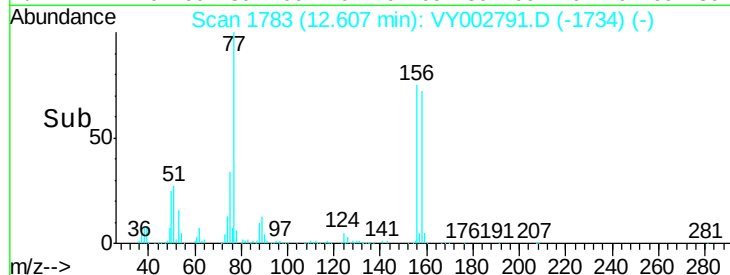
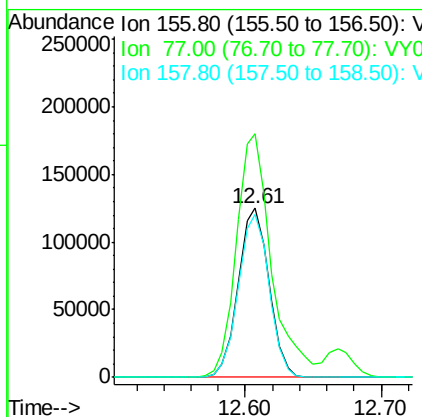
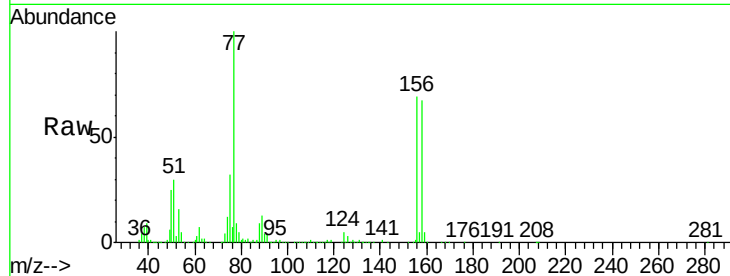
#77
Bromobenzene
Concen: 49.360 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
156	100	196968		
77	163.8	81.4	244.2	
158	96.8	48.5	145.6	

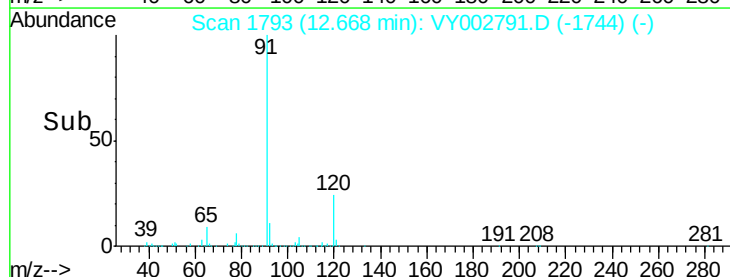
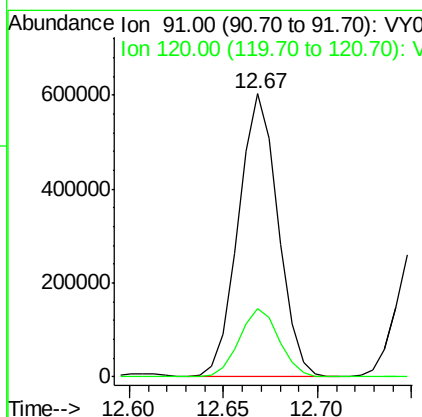
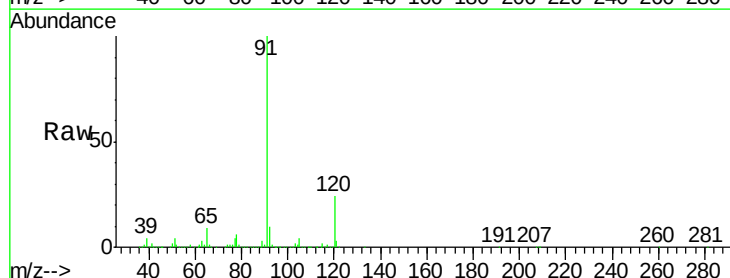
Manual Integrations
APPROVED

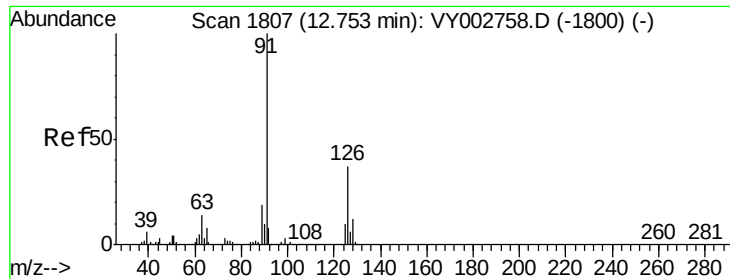
MMDadoda
5/29/2020 10:57:09 AM



#78
n-propylbenzene
Concen: 49.584 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	877754		
120	24.2	12.3	36.9	





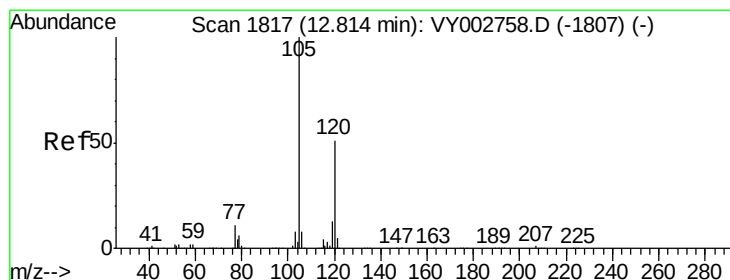
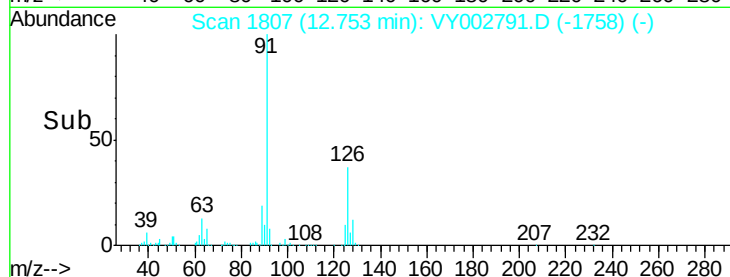
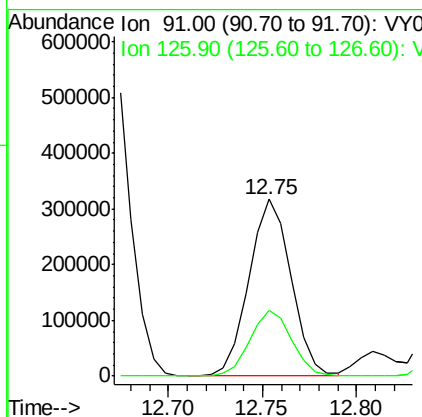
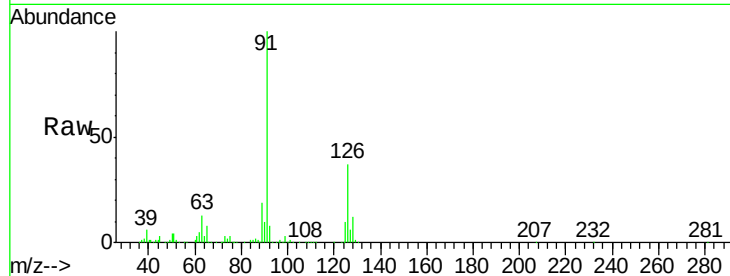
#79
 2-Chlorotoluene
 Concen: 49.596 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 492492
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.4

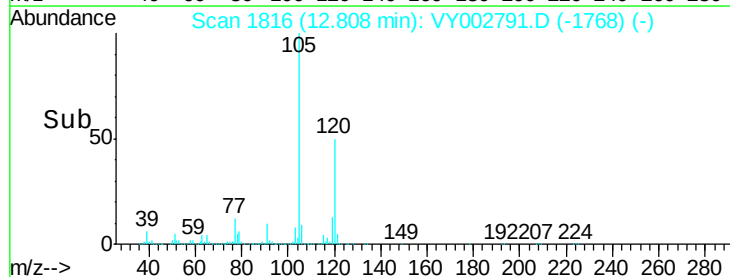
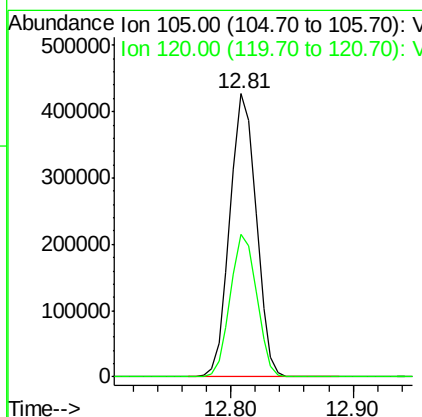
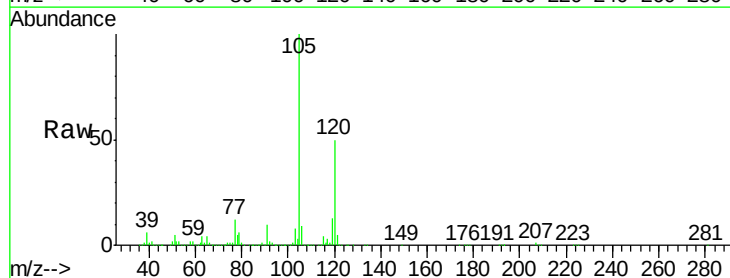
Manual Integrations
 APPROVED

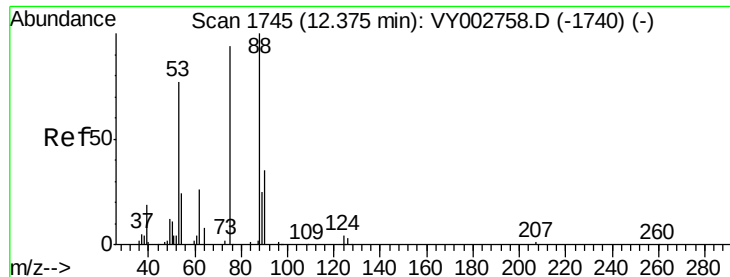
MMDadoda
 5/29/2020 10:57:09 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.689 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion: 105 Resp: 635810
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





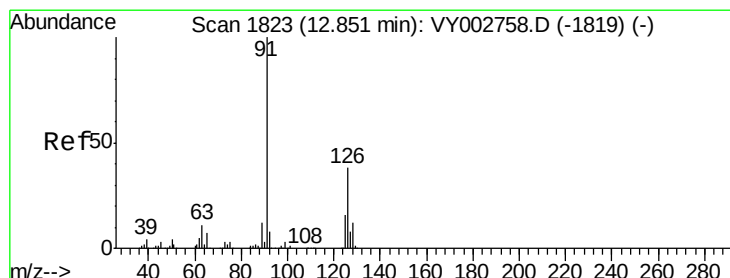
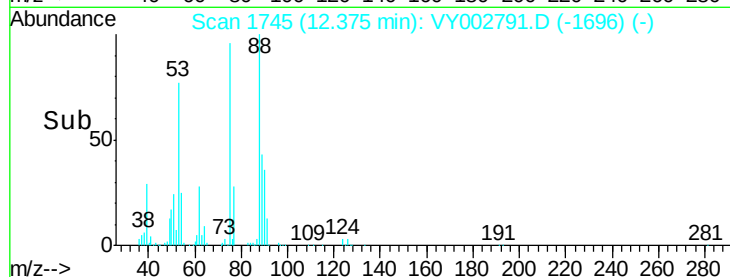
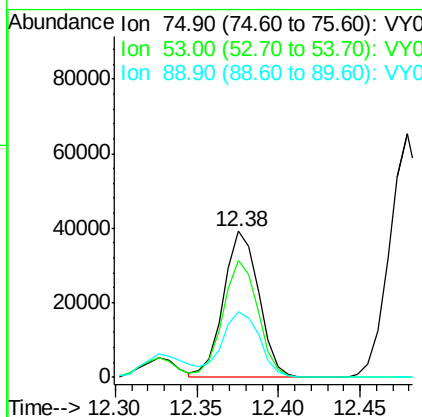
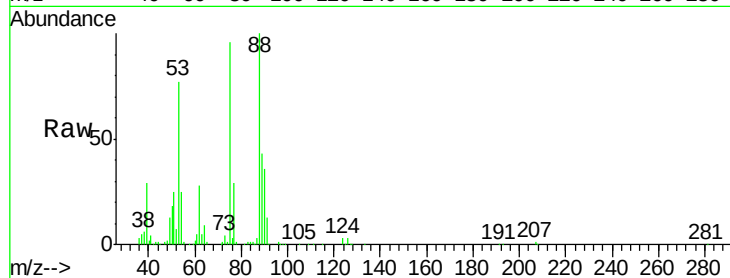
#81
trans-1,4-Dichloro-2-butene
Concen: 51.536 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.8	64.0	96.0
89	47.4	37.4	56.2

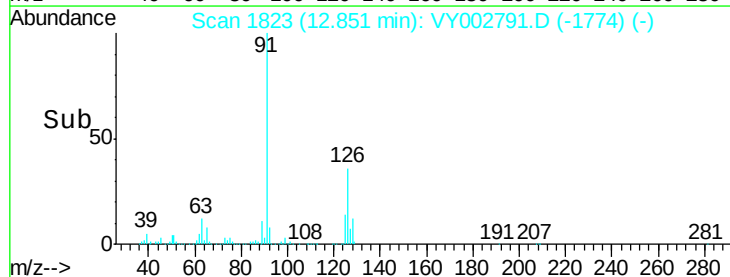
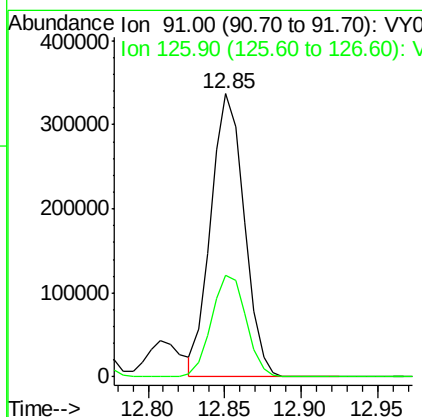
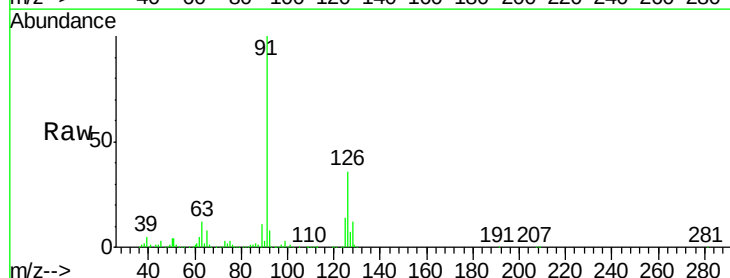
Manual Integrations
APPROVED

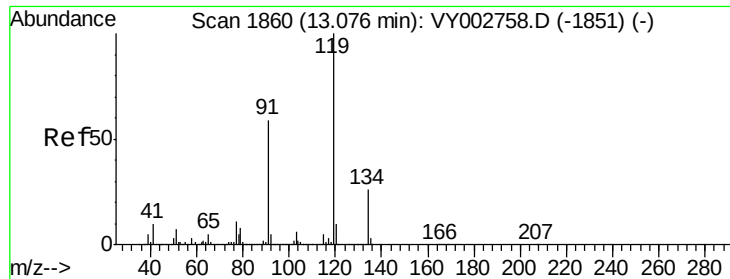
MMDadoda
5/29/2020 10:57:09 AM



#82
4-Chlorotoluene
Concen: 49.163 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.5	55.5





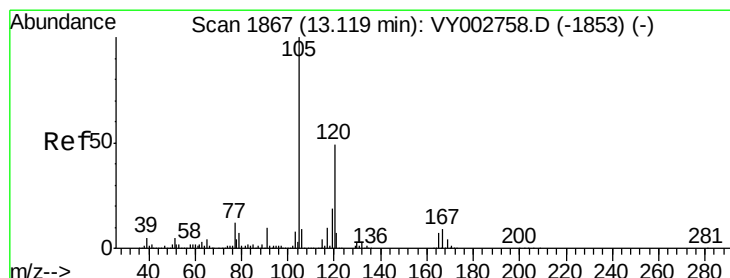
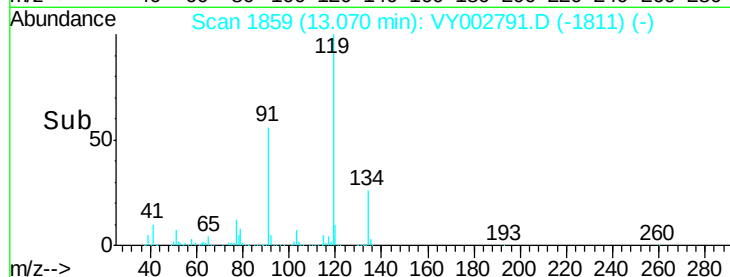
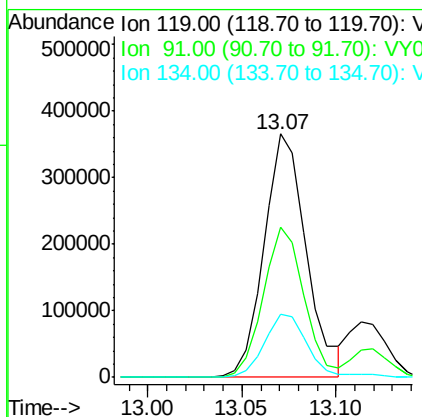
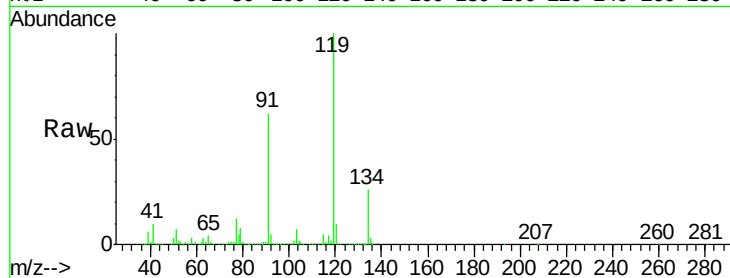
#83
 tert-Butylbenzene
 Concen: 49.834 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.8	89.4
134	26.7	13.3	39.8

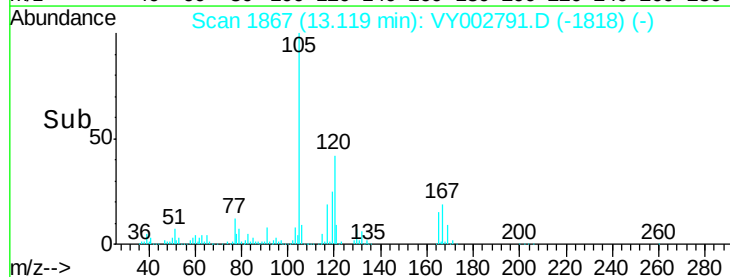
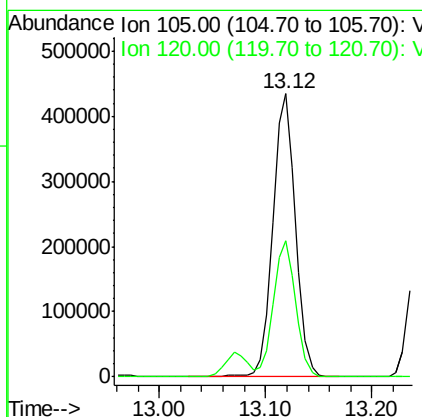
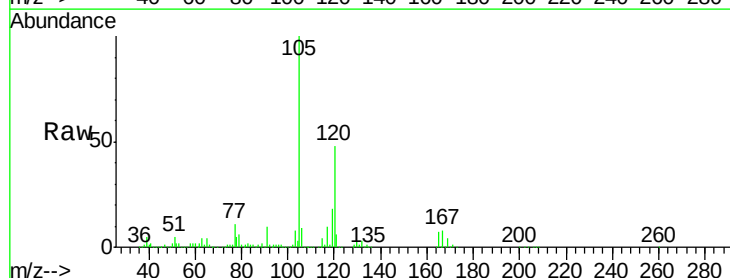
Manual Integrations
 APPROVED

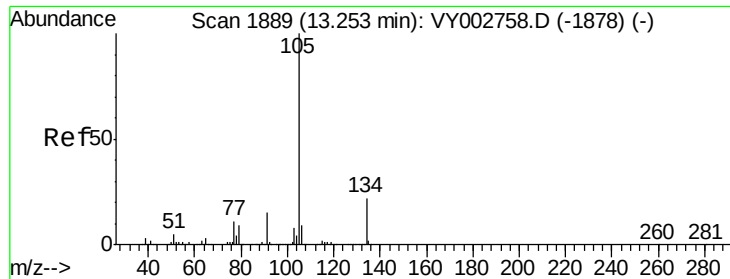
MMDadoda
 5/29/2020 10:57:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.799 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8





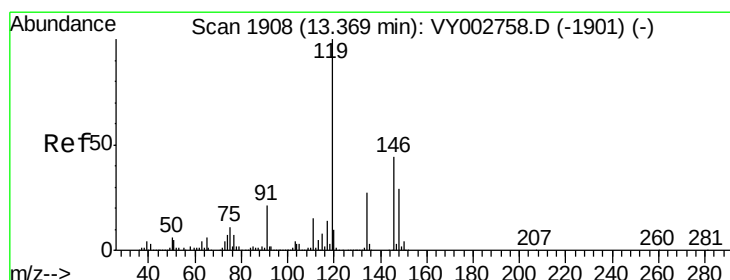
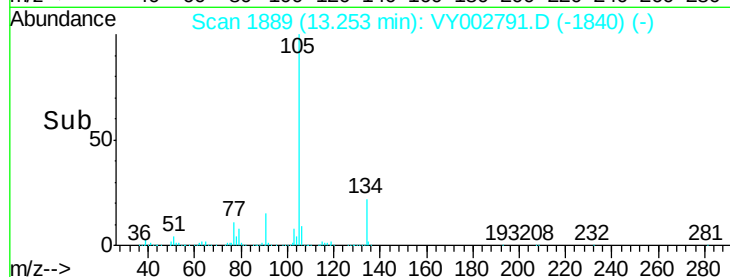
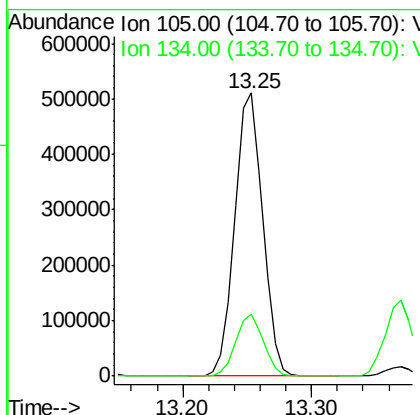
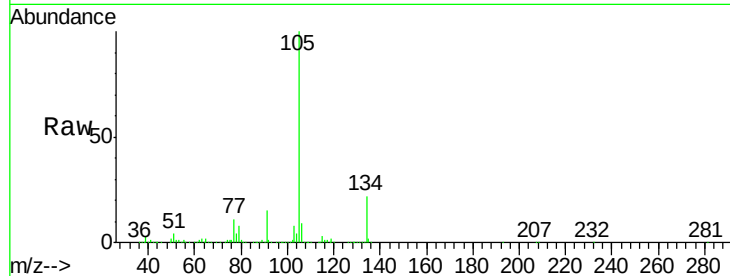
#85
 sec-Butylbenzene
 Concen: 49.350 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.8	32.4

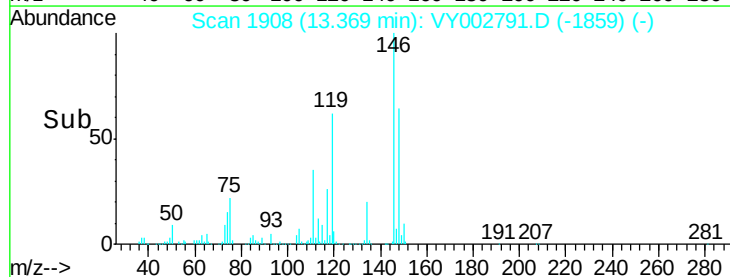
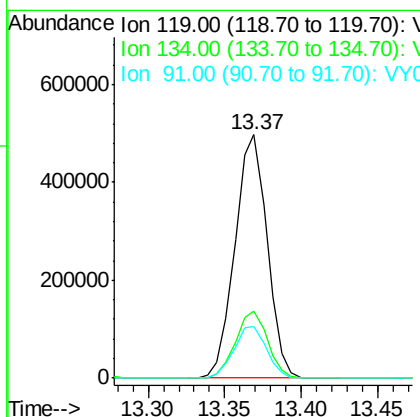
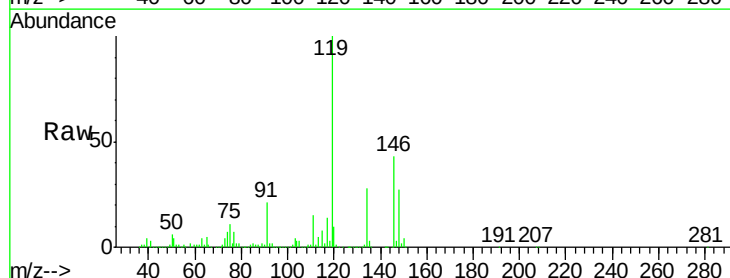
Manual Integrations
 APPROVED

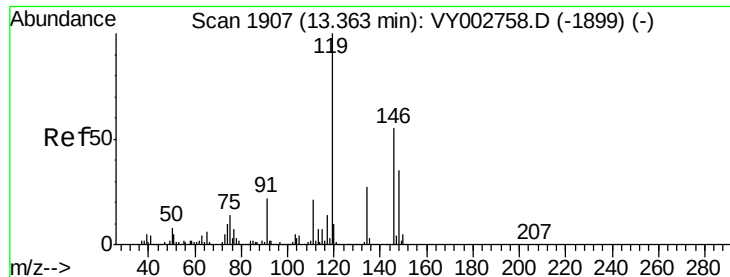
MMDadoda
 5/29/2020 10:57:09 AM



#86
 p-Isopropyltoluene
 Concen: 49.805 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.7	41.0
91	21.6	10.8	32.4





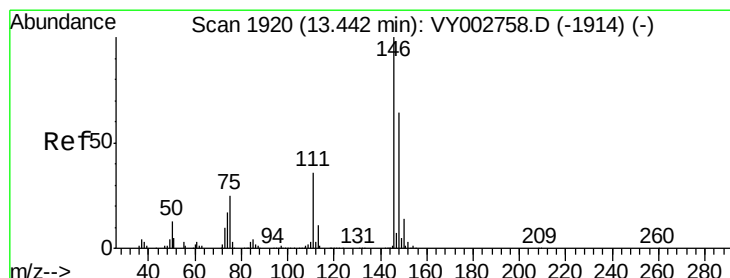
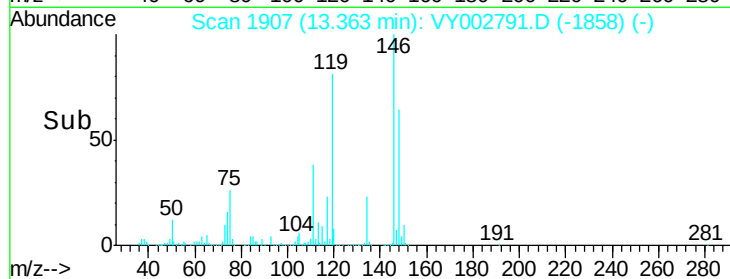
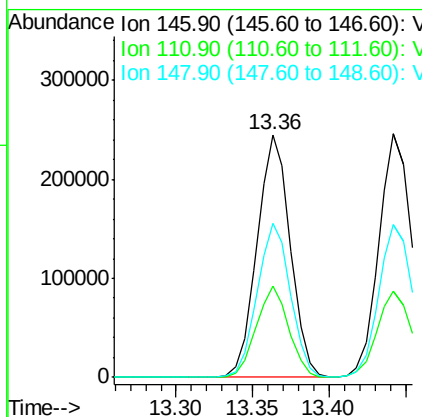
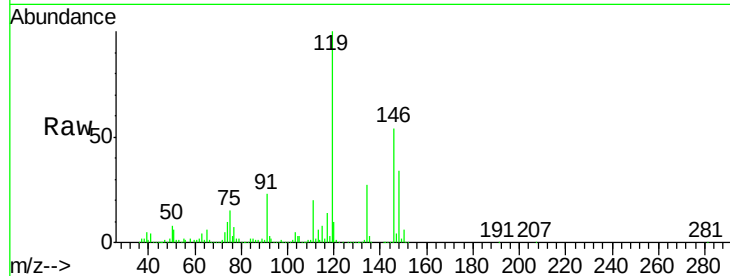
#87
1,3-Dichlorobenzene
Concen: 48.893 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	369568		
111	36.9	18.4	55.0	
148	63.7	31.9	95.7	

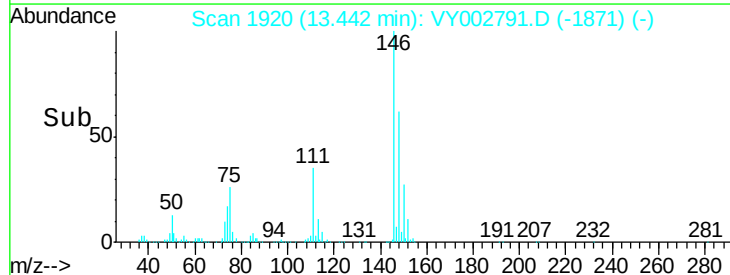
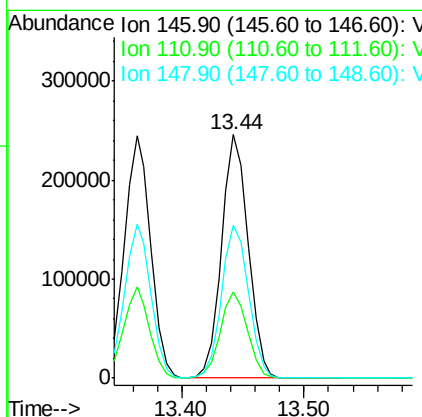
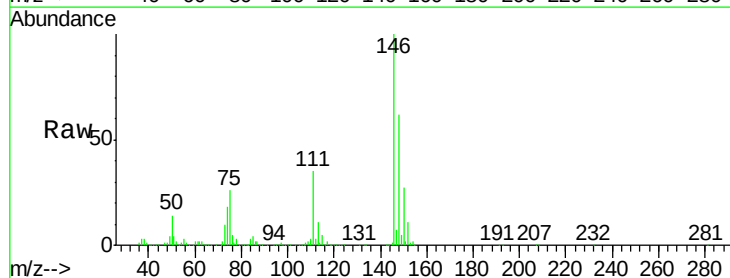
Manual Integrations
APPROVED

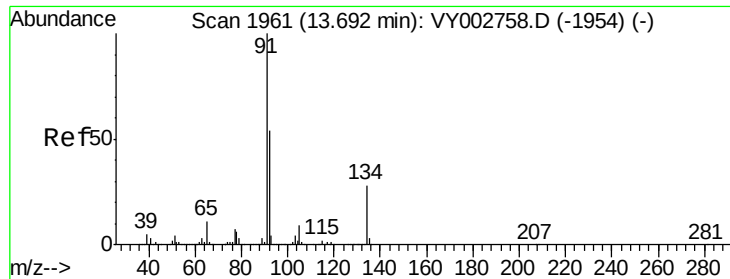
MMDadoda
5/29/2020 10:57:09 AM



#88
1,4-Dichlorobenzene
Concen: 48.992 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	370440		
111	36.0	18.1	54.3	
148	63.5	32.1	96.3	





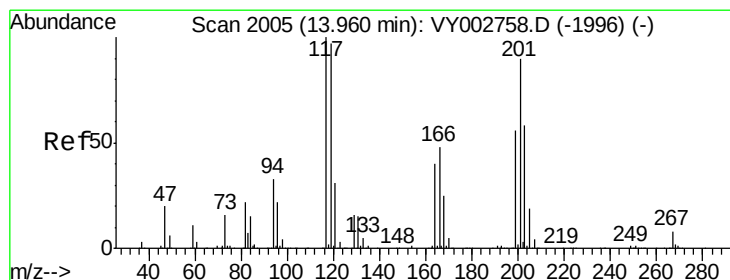
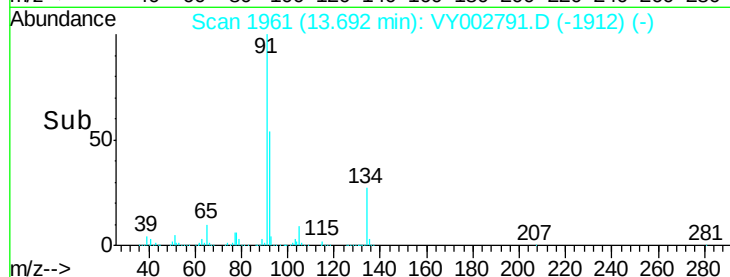
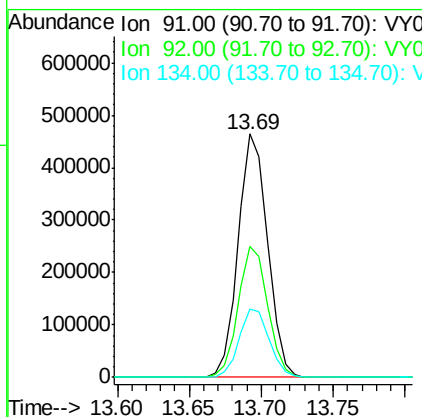
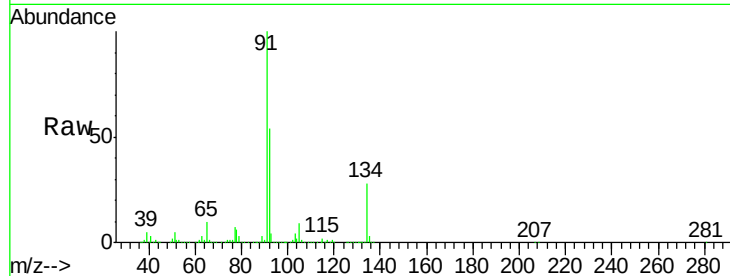
#89
n-Butylbenzene
Concen: 49.967 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.1	81.2
134	28.6	14.3	42.9

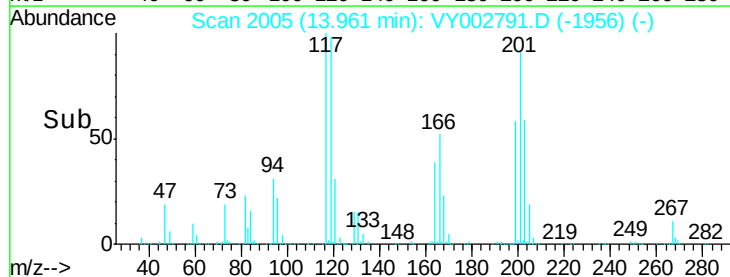
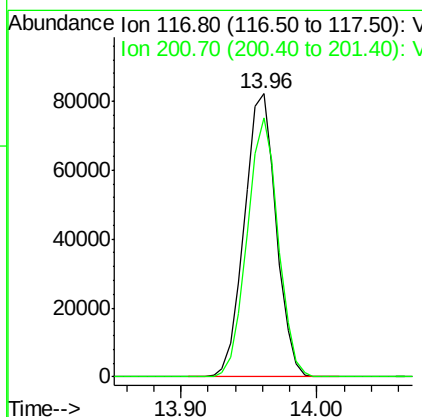
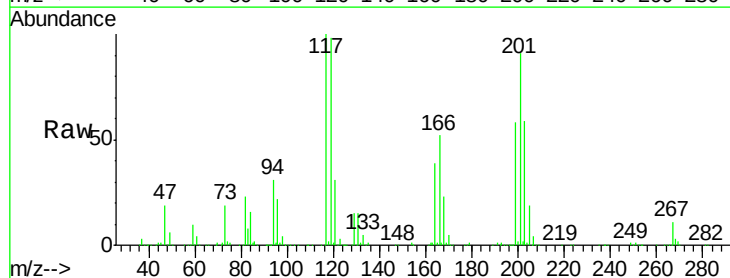
Manual Integrations
APPROVED

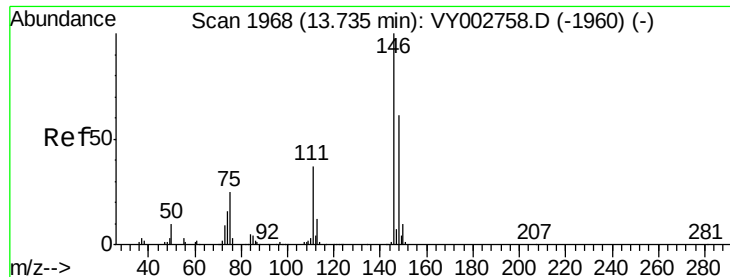
MMDadoda
5/29/2020 10:57:09 AM



#90
Hexachloroethane
Concen: 49.439 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	43.9	131.6





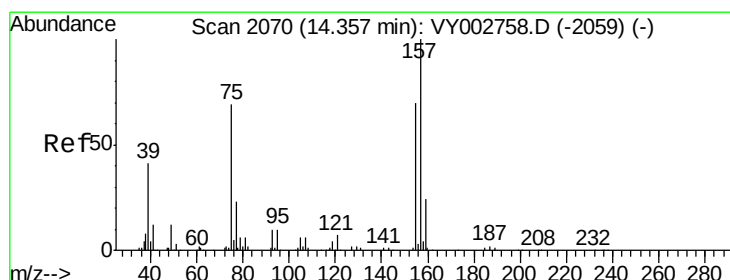
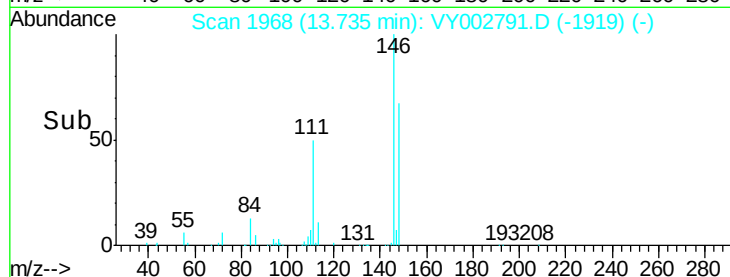
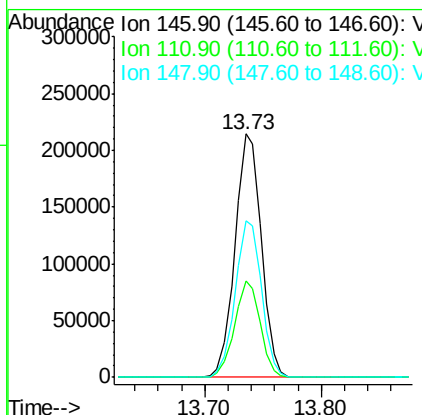
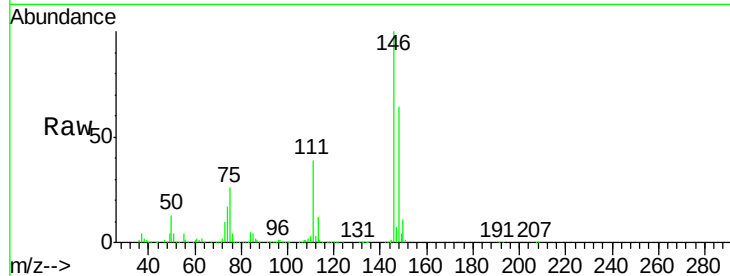
#91
 1,2-Dichlorobenzene
 Concen: 49.245 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	64.1	31.9	95.5

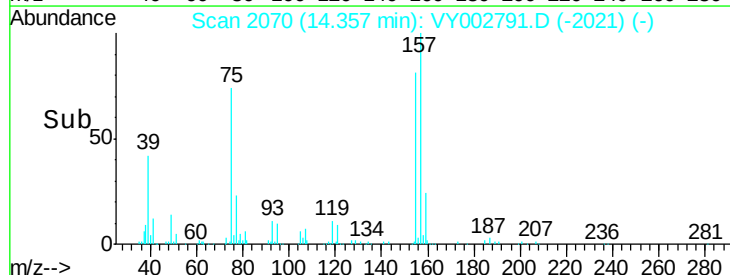
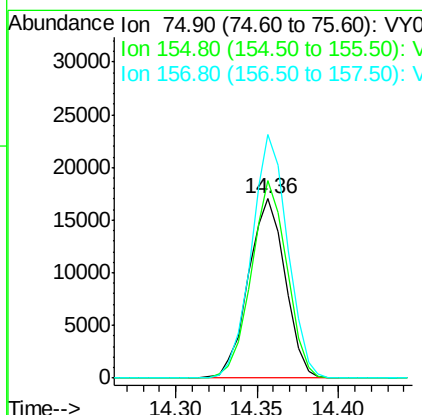
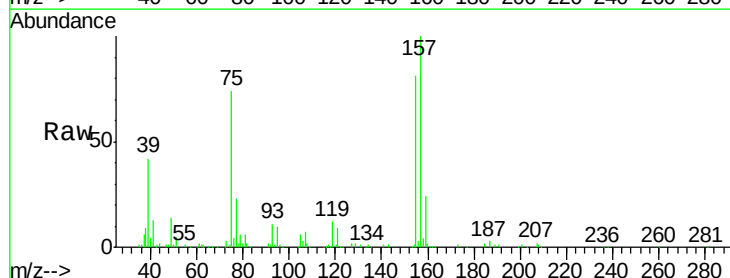
Manual Integrations
 APPROVED

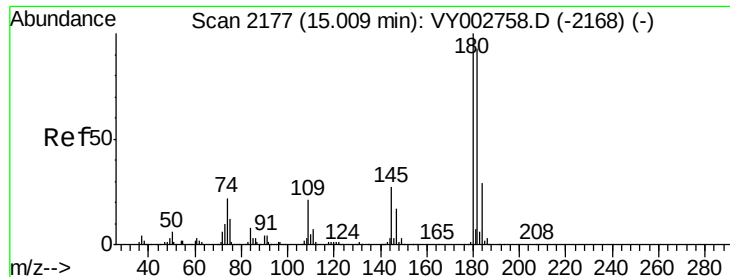
MMDadoda
 5/29/2020 10:57:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.763 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.9	53.5	160.5
157	132.8	69.9	209.7





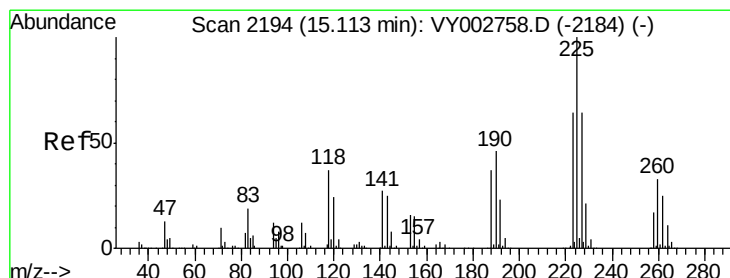
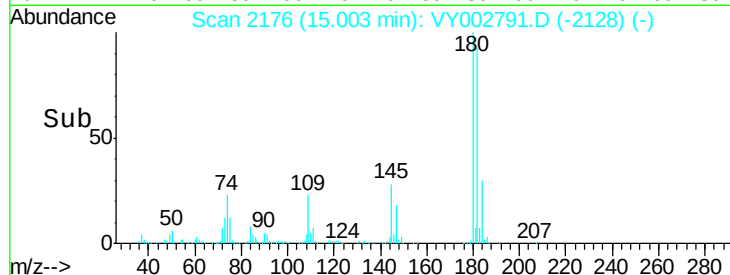
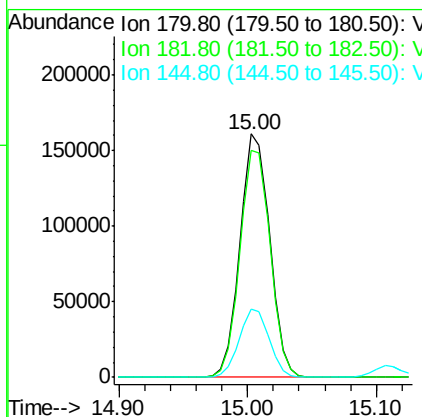
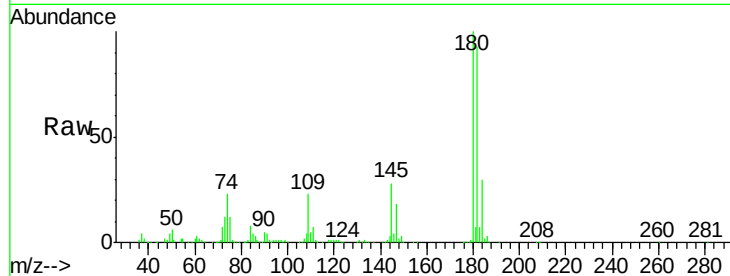
#93
 1,2,4-Trichlorobenzene
 Concen: 49.565 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	256099		
182	94.7	47.3	141.9	
145	28.2	14.1	42.3	

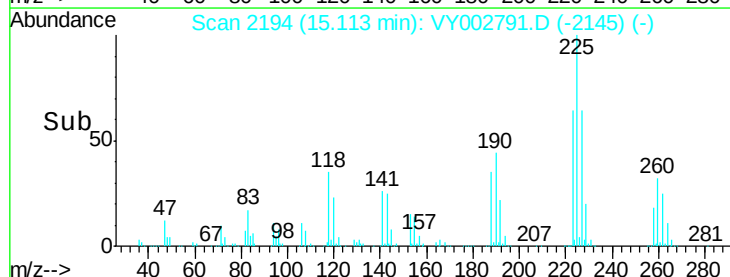
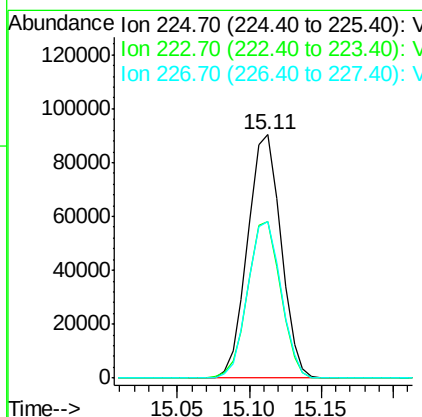
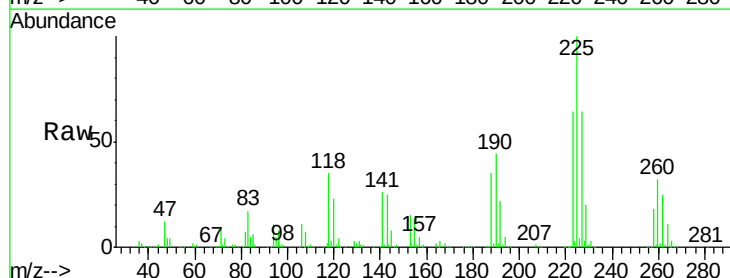
Manual Integrations
 APPROVED

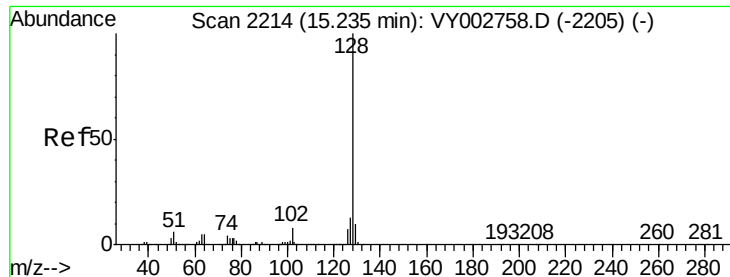
MMDadoda
 5/29/2020 10:57:09 AM



#94
 Hexachlorobutadiene
 Concen: 49.285 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002791.D
 Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144433		
223	63.8	31.6	95.0	
227	64.3	32.3	96.9	





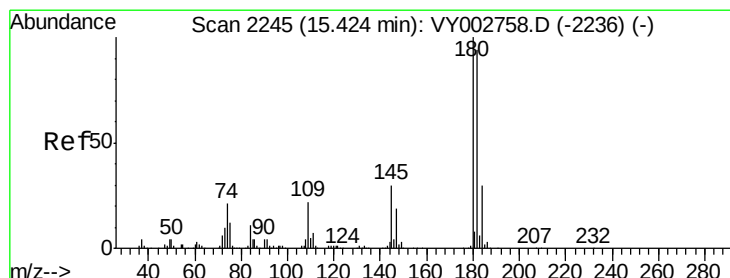
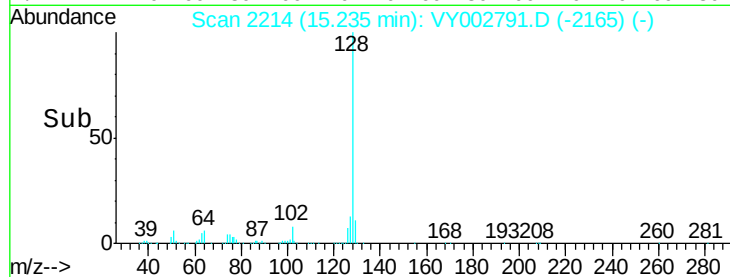
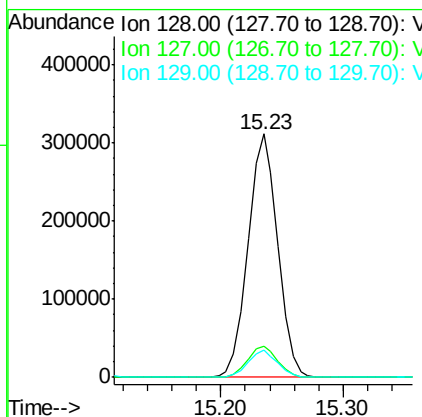
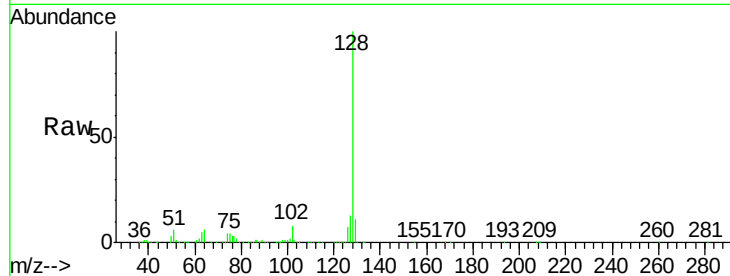
#95
Naphthalene
Concen: 50.559 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.487 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002791.D
Acq: 28 May 2020 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	30.0	15.1	45.3

