

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003383.D
 Acq On : 31 Jul 2020 12:07
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:27 PM

Quant Time: Jul 31 12:33:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	499747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	735333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	677721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	361805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	253695	57.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.46%	
35) Dibromofluoromethane	7.72	113	233699	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
50) Toluene-d8	10.18	98	917410	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
62) 4-Bromofluorobenzene	12.48	95	313205	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	199595	53.453	ug/l	100
3) Chloromethane	2.12	50	265474	51.908	ug/l	100
4) Vinyl Chloride	2.26	62	278481	53.051	ug/l	100
5) Bromomethane	2.65	94	197072	50.660	ug/l	100
6) Chloroethane	2.80	64	176156	51.478	ug/l	100
7) Trichlorofluoromethane	3.13	101	382786	51.472	ug/l	100
8) Diethyl Ether	3.54	74	133140	53.142	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	229405	51.192	ug/l	100
10) Methyl Iodide	4.10	142	283301	57.536	ug/l	100
11) Tert butyl alcohol	4.96	59	109966	237.522	ug/l	100
12) 1,1-Dichloroethene	3.88	96	224889	52.725	ug/l	100
13) Acrolein	3.73	56	117325	281.683	ug/l	100
14) Allyl chloride	4.49	41	372745	57.926	ug/l	100
15) Acrylonitrile	5.18	53	324222	269.270	ug/l	100
16) Acetone	3.95	43	297319	300.455	ug/l	100
17) Carbon Disulfide	4.20	76	728202	55.178	ug/l	100
18) Methyl Acetate	4.48	43	144079	53.378	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	611081	51.552	ug/l	100
20) Methylene Chloride	4.72	84	306476	52.478	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	247673	51.692	ug/l	100
22) Diisopropyl ether	6.13	45	787945	55.801	ug/l	100
23) Vinyl Acetate	6.07	43	2606993	277.604	ug/l	100
24) 1,1-Dichloroethane	6.03	63	439224	53.938	ug/l	100
25) 2-Butanone	6.99	43	444434	277.745	ug/l	100
26) 2,2-Dichloropropane	6.99	77	391138	53.372	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	276223	52.293	ug/l	100
28) Bromochloromethane	7.34	49	161834	47.289	ug/l	100
29) Tetrahydrofuran	7.35	42	289579	271.240	ug/l	100
30) Chloroform	7.51	83	438898	52.561	ug/l	100
31) Cyclohexane	7.79	56	411322	52.295	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	399418	52.976	ug/l	100
36) 1,1-Dichloropropene	7.93	75	356185	52.436	ug/l	100
37) Ethyl Acetate	7.08	43	197526	53.829	ug/l	100
38) Carbon Tetrachloride	7.91	117	367991	52.612	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
 Data File : VY003383.D
 Acq On : 31 Jul 2020 12:07
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 12:37:27 PM

Quant Time: Jul 31 12:33:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 12:21:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	437941	51.521	ug/l	100
40) Benzene	8.16	78	981920	52.472	ug/l	100
41) Methacrylonitrile	7.33	41	124299m	55.953	ug/l	
42) 1,2-Dichloroethane	8.24	62	296050	51.553	ug/l	100
43) Isopropyl Acetate	8.28	43	373833	52.812	ug/l	100
44) Trichloroethene	8.94	130	284044	49.994	ug/l	100
45) 1,2-Dichloropropane	9.22	63	258109	53.194	ug/l	100
46) Dibromomethane	9.31	93	141188	50.438	ug/l	100
47) Bromodichloromethane	9.50	83	348930	52.029	ug/l	100
48) Methyl methacrylate	9.30	41	170086	53.661	ug/l	100
49) 1,4-Dioxane	9.30	88	37111	1041.994	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	981061	266.490	ug/l	100
52) Toluene	10.24	92	623126	52.198	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	369325	53.103	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	421058	52.515	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	203422	50.990	ug/l	100
56) Ethyl methacrylate	10.51	69	283603	52.484	ug/l	100
57) 1,3-Dichloropropane	10.79	76	350020	51.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	605900	225.497	ug/l	100
59) 2-Hexanone	10.83	43	689418	268.129	ug/l	100
60) Dibromochloromethane	10.99	129	256666	51.281	ug/l	100
61) 1,2-Dibromoethane	11.09	107	193139	49.393	ug/l	100
64) Tetrachloroethene	10.72	164	286008	47.229	ug/l	100
65) Chlorobenzene	11.52	112	678027	51.129	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	264123	51.241	ug/l	100
67) Ethyl Benzene	11.59	91	1239321	52.199	ug/l	100
68) m/p-Xylenes	11.70	106	929015	103.244	ug/l	100
69) o-Xylene	12.03	106	441263	52.423	ug/l	100
70) Styrene	12.04	104	760915	52.858	ug/l	100
71) Bromoform	12.20	173	171089	50.914	ug/l	100
73) Isopropylbenzene	12.33	105	1202500	51.314	ug/l	100
74) N-amyl acetate	12.14	43	350976	53.236	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	231602	51.166	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	159104m	49.211	ug/l	
77) Bromobenzene	12.61	156	302034	50.628	ug/l	100
78) n-propylbenzene	12.67	91	1450648	52.358	ug/l	100
79) 2-Chlorotoluene	12.75	91	793122	51.430	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1011987	51.752	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85513	51.260	ug/l	100
82) 4-Chlorotoluene	12.85	91	829345	51.530	ug/l	100
83) tert-Butylbenzene	13.07	119	877836	51.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1024846	52.057	ug/l	100
85) sec-Butylbenzene	13.25	105	1234375	52.020	ug/l	100
86) p-Isopropyltoluene	13.37	119	1156315	52.193	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	580381	51.337	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	572569	51.134	ug/l	100
89) n-Butylbenzene	13.69	91	1095066	52.541	ug/l	100
90) Hexachloroethane	13.96	117	220402	54.283	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	513646	51.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36565	49.920	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY073120\
Data File : VY003383.D
Acq On : 31 Jul 2020 12:07
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

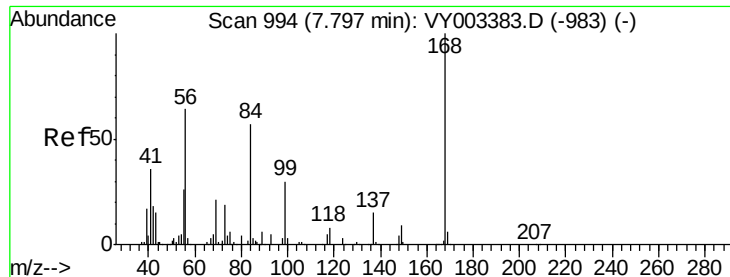
Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM

Quant Time: Jul 31 12:33:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 31 12:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	365518	51.681	ug/l	100
94) Hexachlorobutadiene	15.11	225	242310	50.212	ug/l	100
95) Naphthalene	15.23	128	619275	52.751	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	299450	53.151	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: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 499747

Ion Ratio Lower Upper

168 100

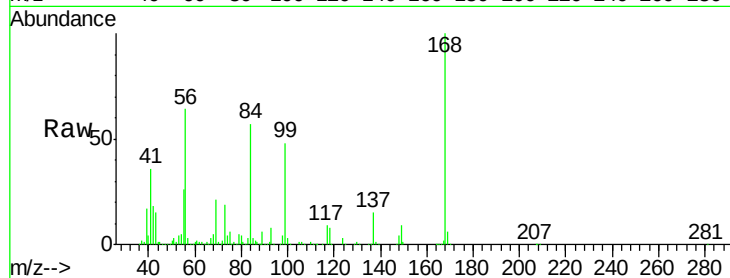
99 48.5 38.8 58.2

Manual Integrations

APPROVED

MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

250000

200000

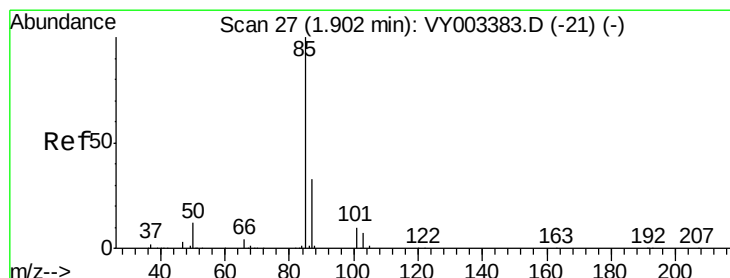
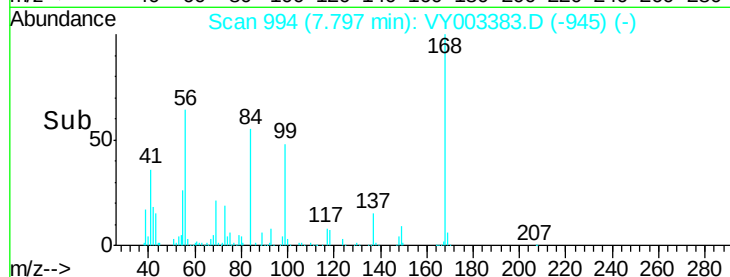
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.453 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003383.D

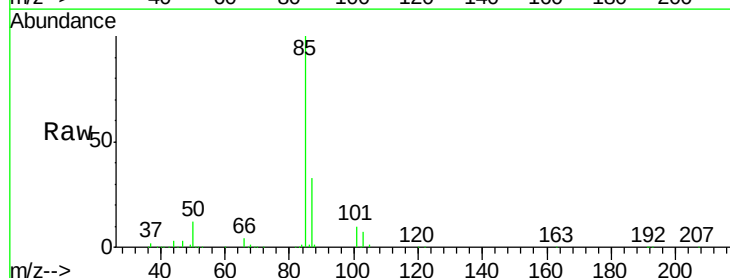
Acq: 31 Jul 2020 12:07

Tgt Ion: 85 Resp: 199595

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY003383.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003383.D (-21) (-)

1.90

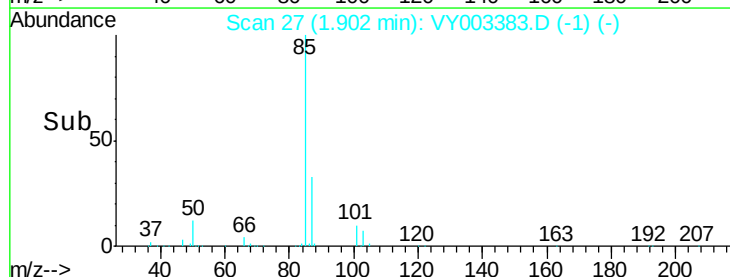
150000

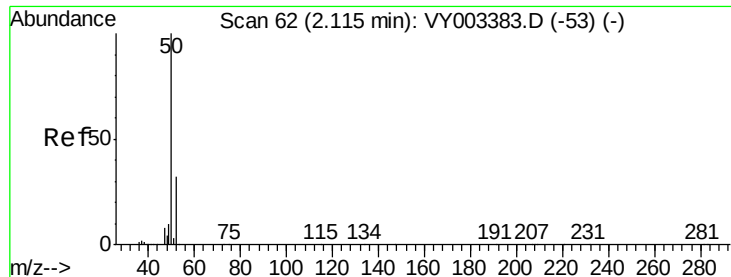
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.908 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 265474

Ion Ratio Lower Upper

50 100

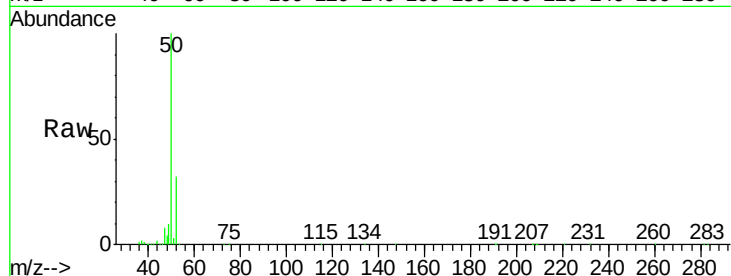
52 32.4 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

200000

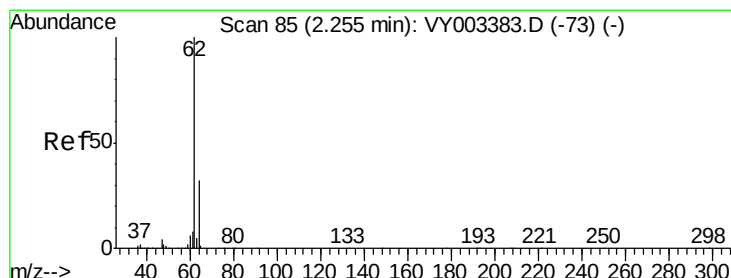
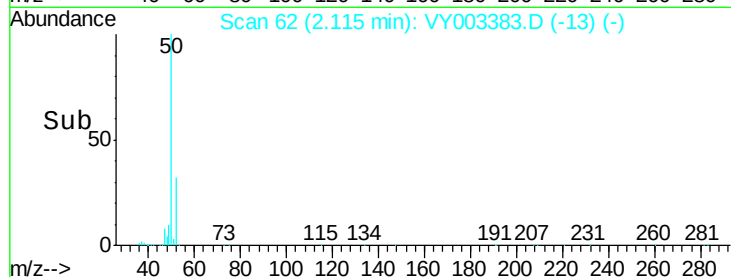
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 53.051 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003383.D

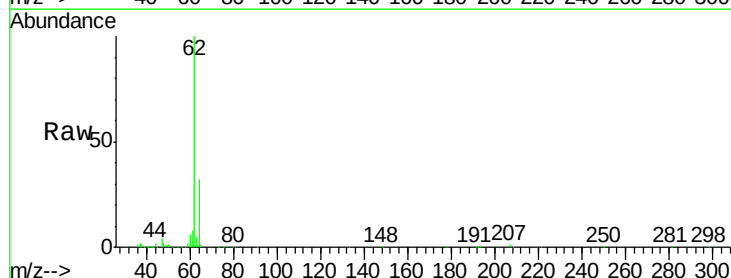
Acq: 31 Jul 2020 12:07

Tgt Ion: 62 Resp: 278481

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

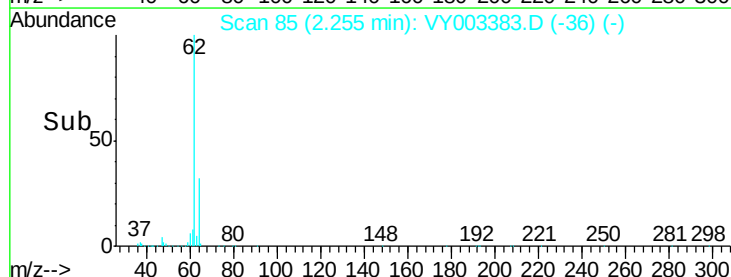
150000

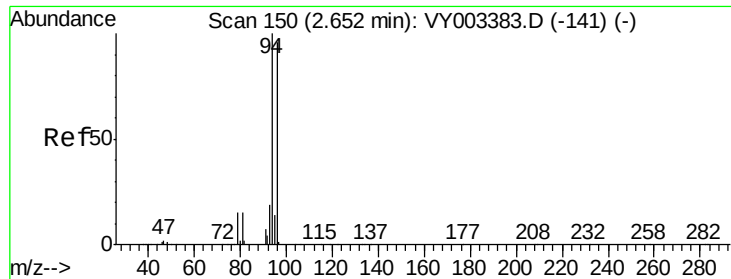
100000

50000

0

Time--> 2.10 2.20 2.30 2.40





#5

Bromomethane

Concen: 50.660 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 197072

Ion Ratio Lower Upper

94 100

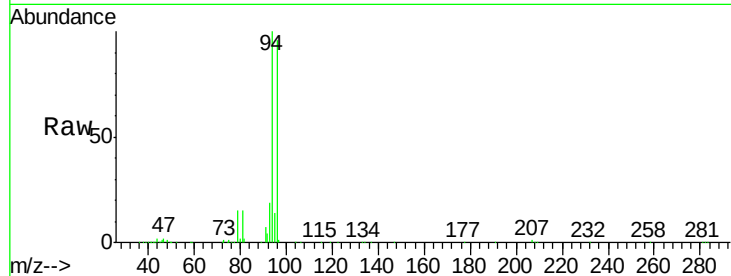
96 95.8 76.6 115.0

Manual Integrations

APPROVED

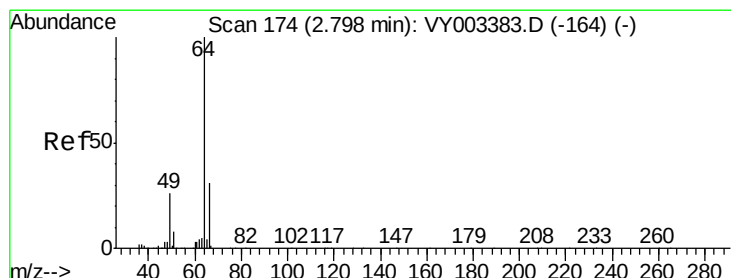
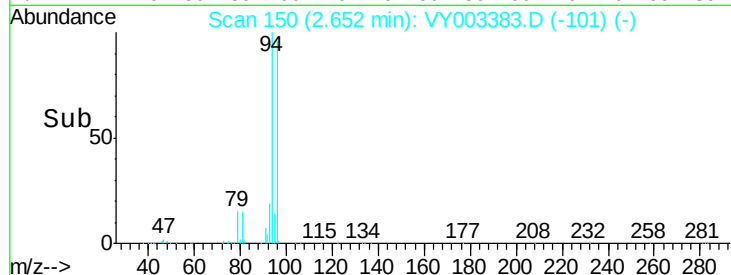
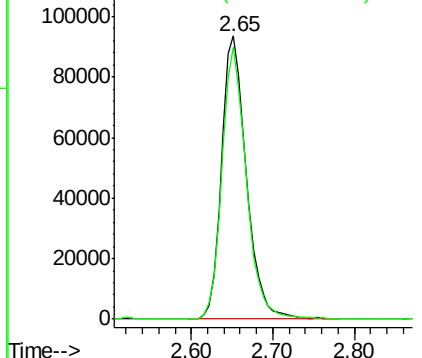
MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.478 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003383.D

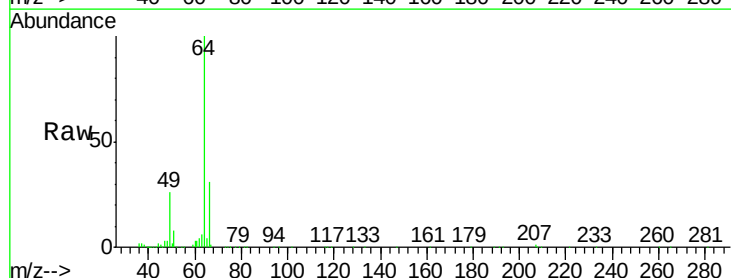
Acq: 31 Jul 2020 12:07

Tgt Ion: 64 Resp: 176156

Ion Ratio Lower Upper

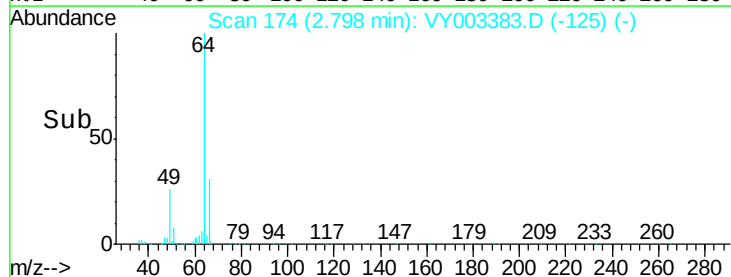
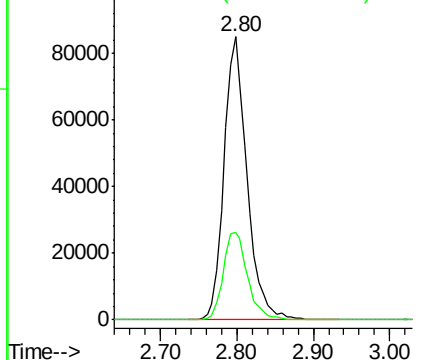
64 100

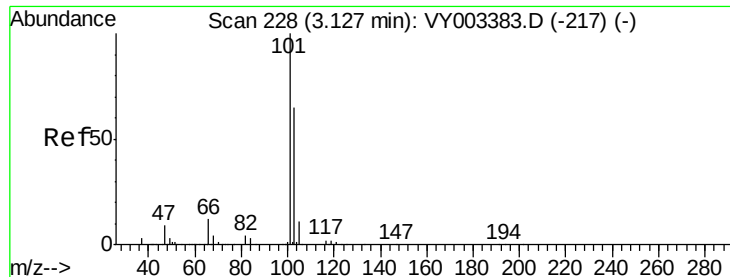
66 30.9 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

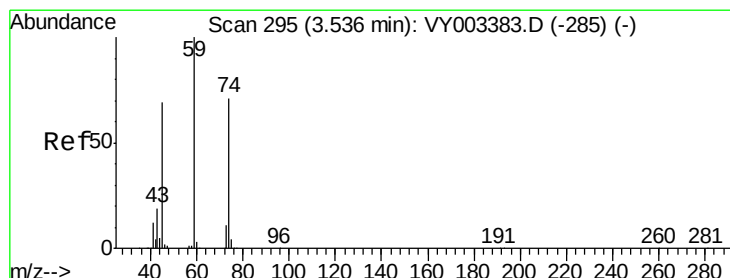
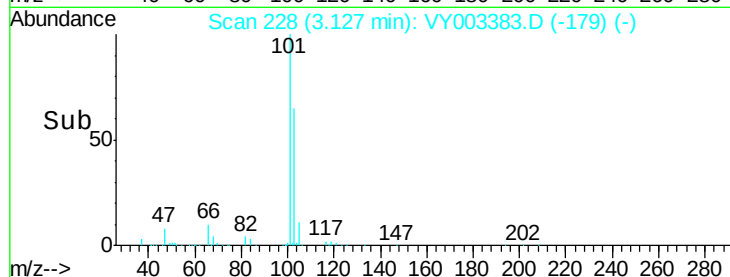
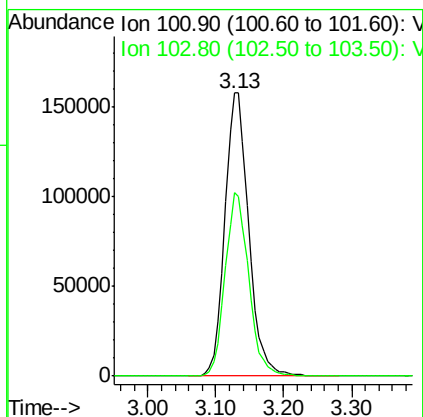
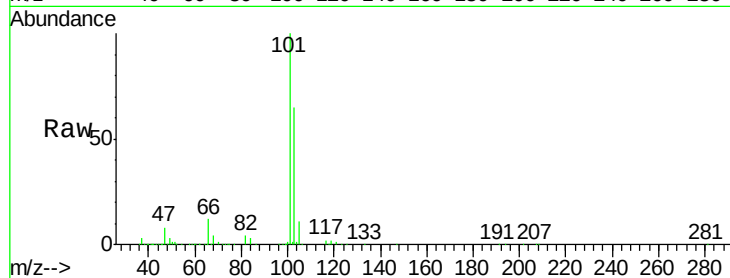
Trichlorofluoromethane
Concen: 51.472 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

Manual Integrations
APPROVED

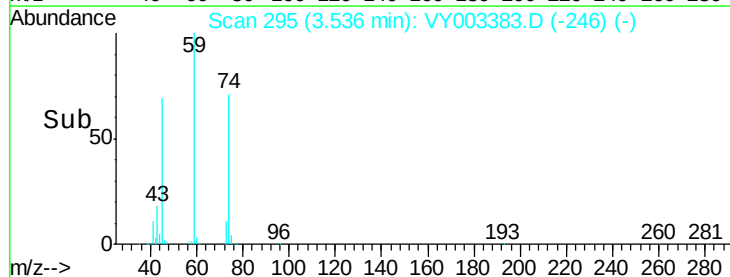
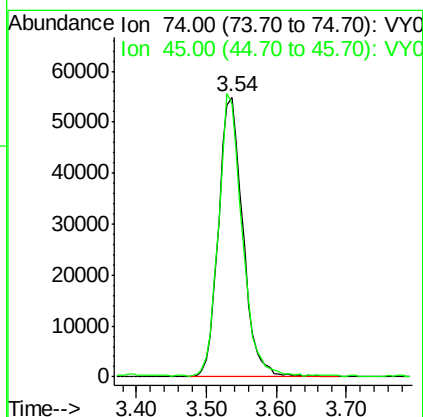
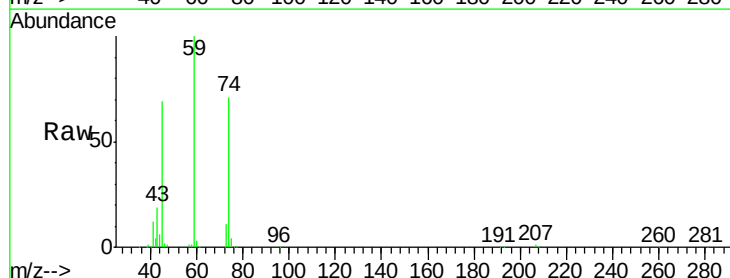
MMDadoda
8/3/2020 12:37:27 PM

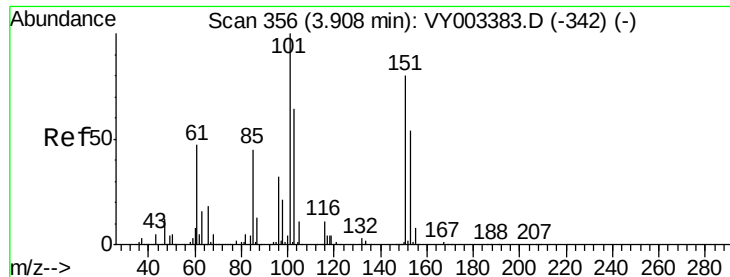


#8

Diethyl Ether
Concen: 53.142 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.192 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

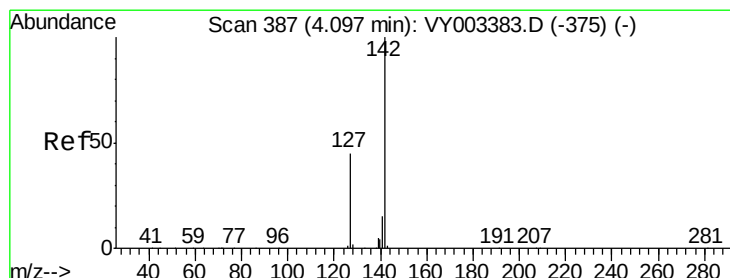
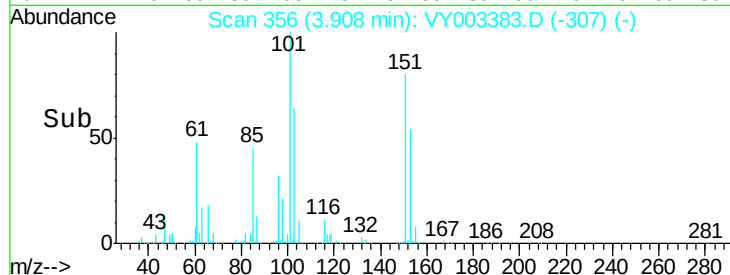
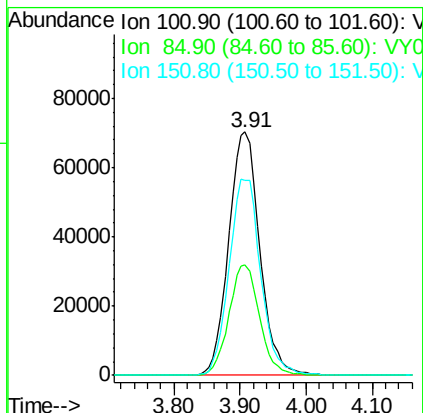
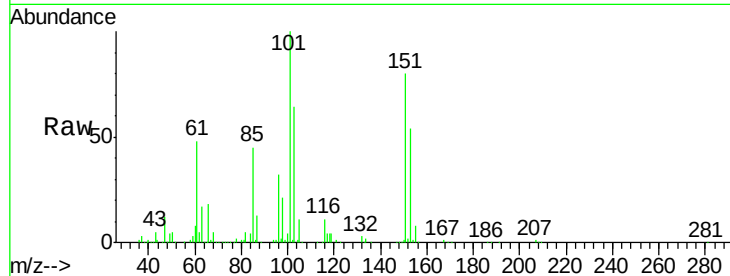
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	229405
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.7	53.5
151	82.1	65.7	98.5

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#10

Methyl Iodide

Concen: 57.536 ug/l

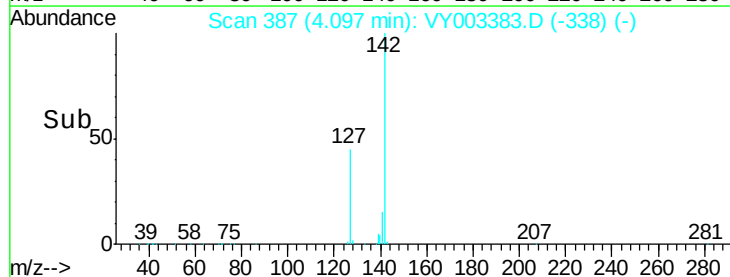
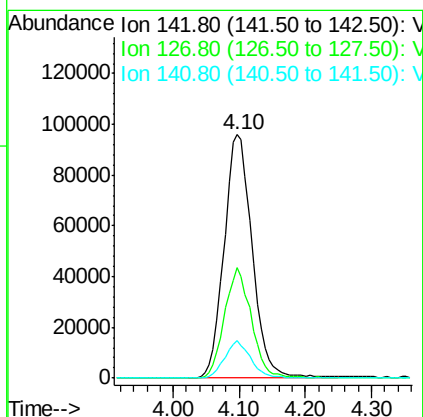
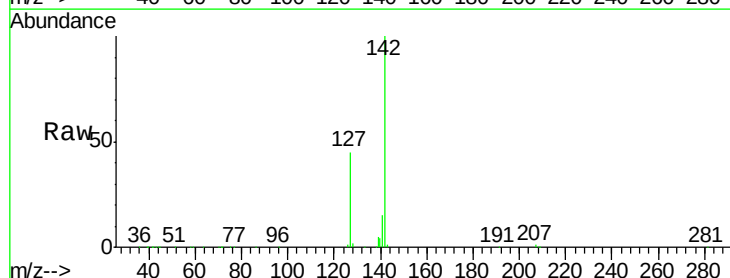
RT: 4.10 min Scan# 387

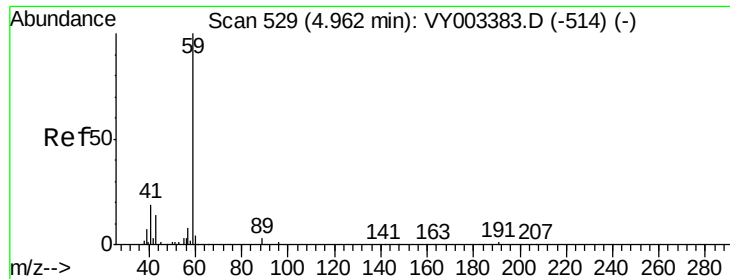
Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Tgt Ion:	142	Resp:	283301
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.2	11.4	17.0





#11

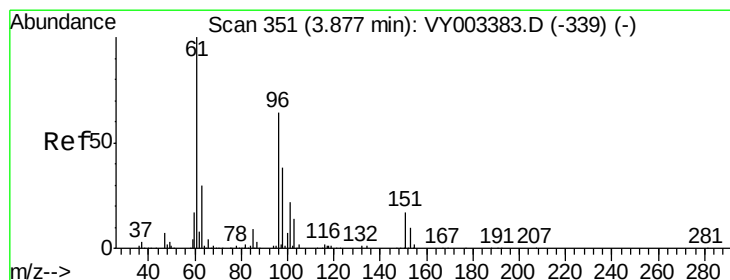
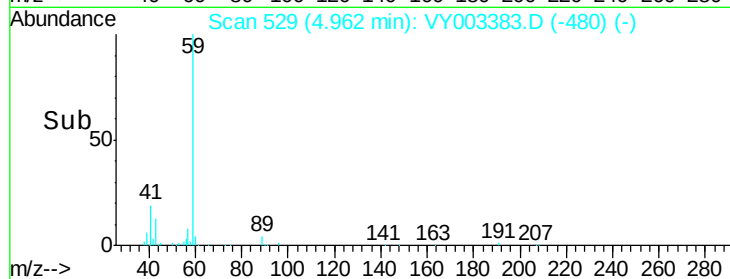
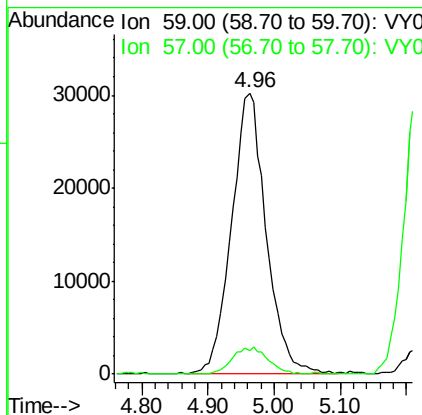
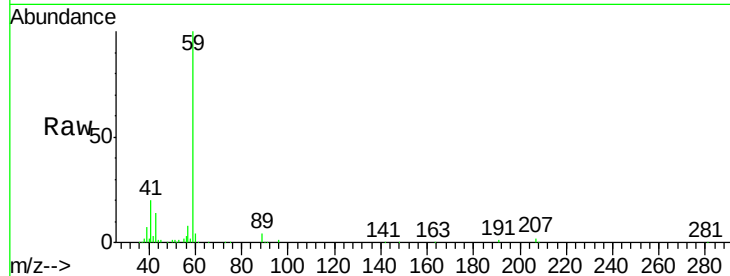
Tert butyl alcohol
Concen: 237.522 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

Manual Integrations
APPROVED

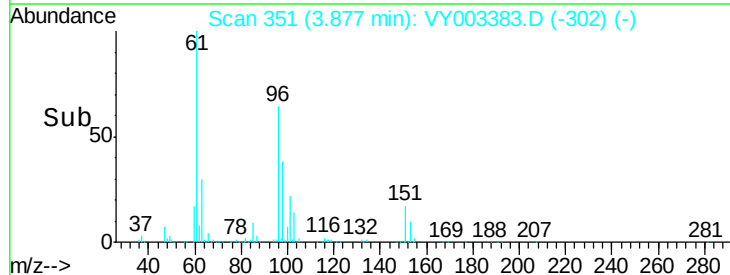
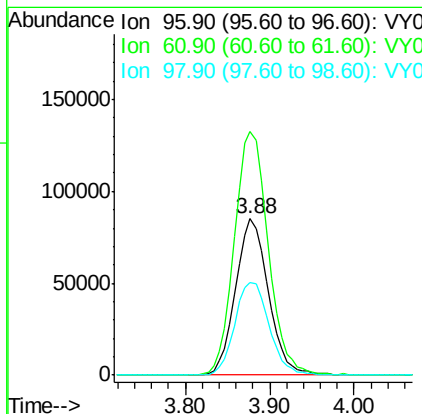
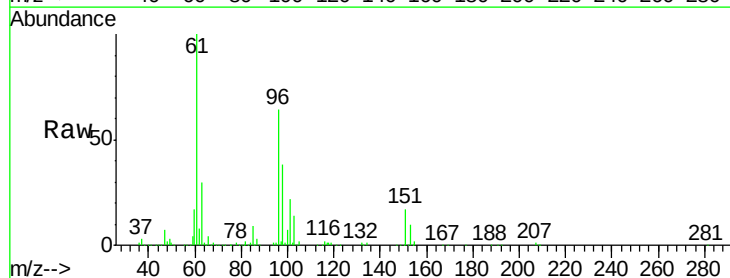
MMDadoda
8/3/2020 12:37:27 PM

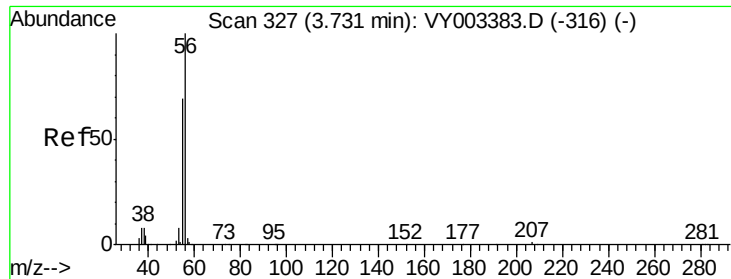


#12

1,1-Dichloroethene
Concen: 52.725 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	124.7	187.1
98	59.3	47.4	71.2





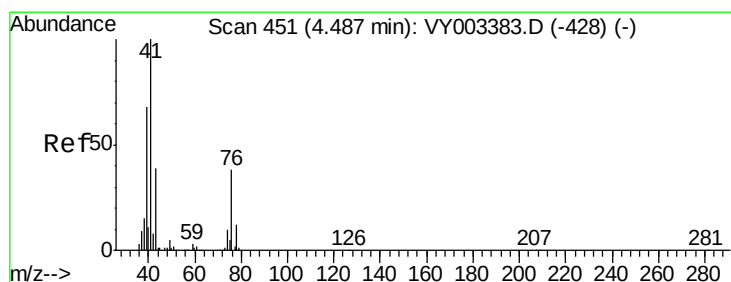
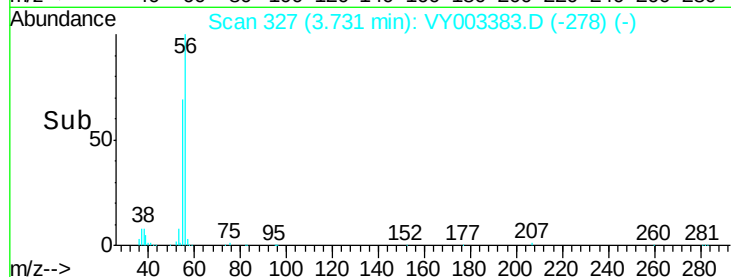
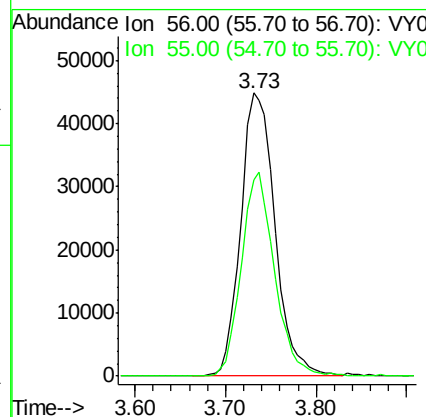
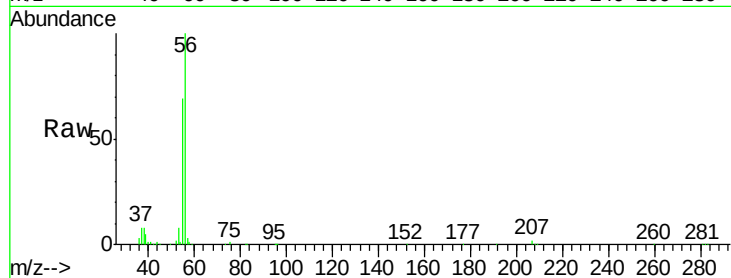
#13
Acrolein
Concen: 281.683 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	55.5	83.3

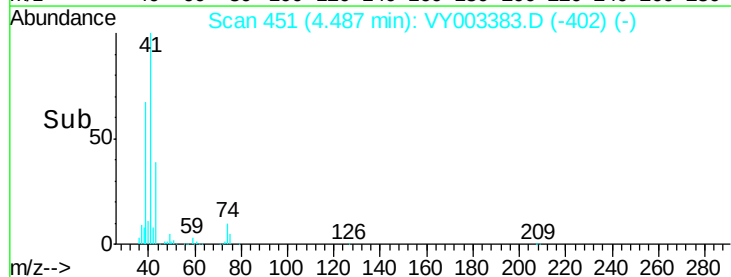
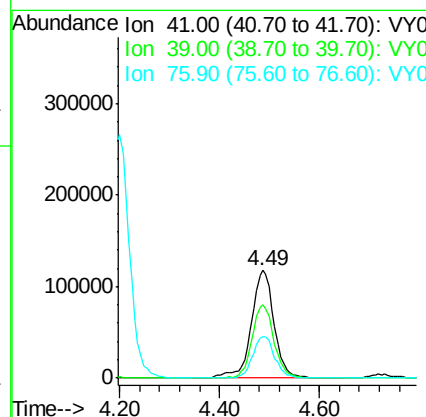
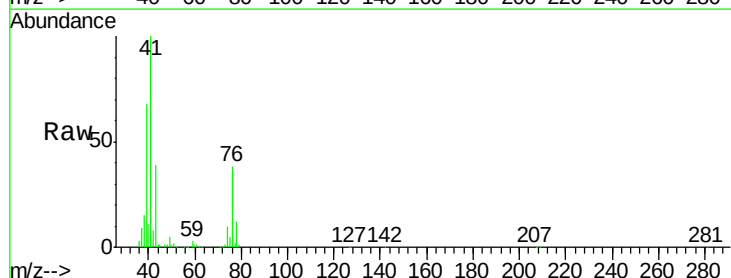
Manual Integrations
APPROVED

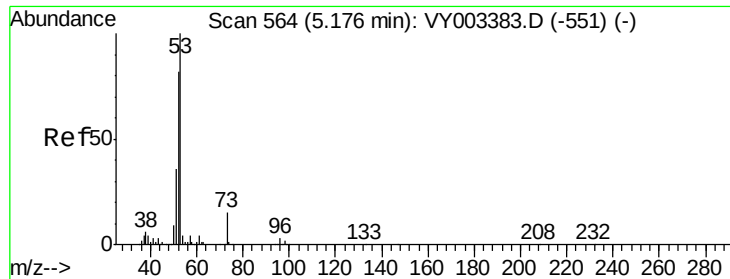
MMDadoda
8/3/2020 12:37:27 PM



#14
Allyl chloride
Concen: 57.926 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.9	52.7	79.1
76	37.2	29.8	44.6





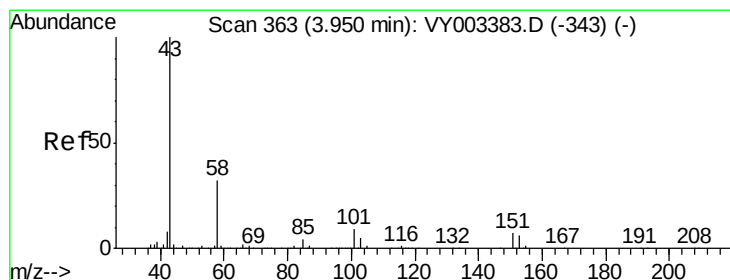
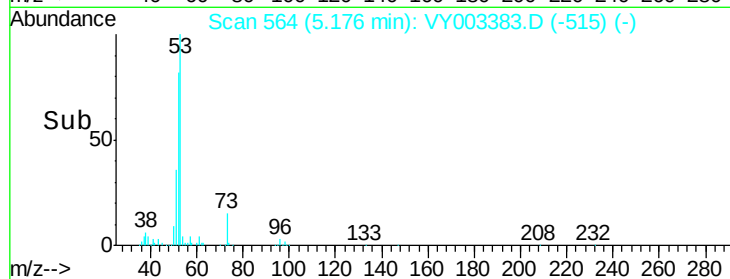
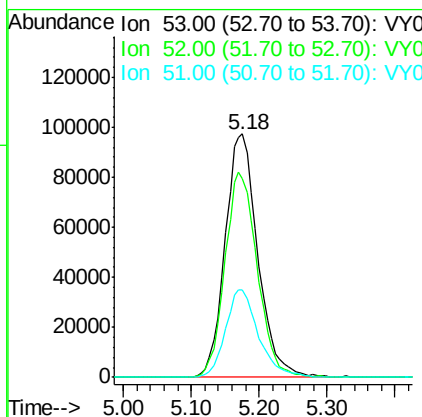
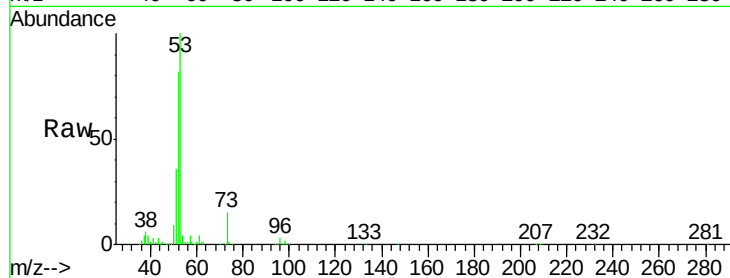
#15
 Acrylonitrile
 Concen: 269.270 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.6
51	36.6	29.3	43.9

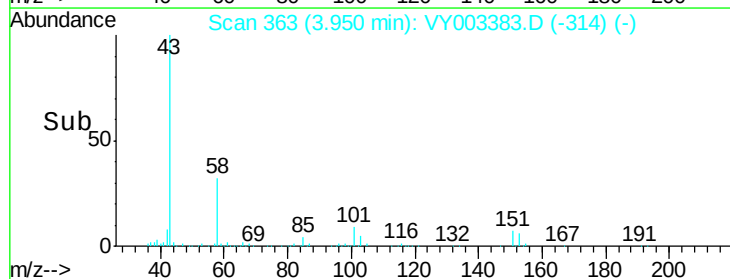
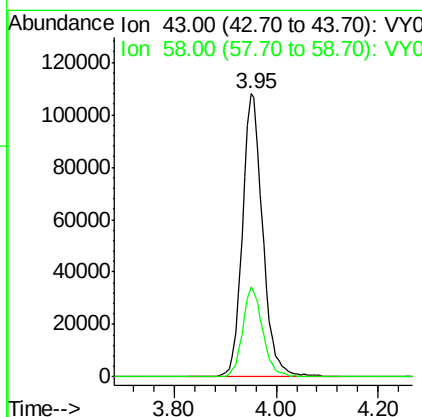
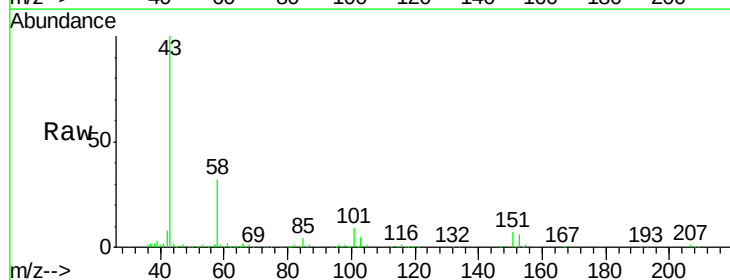
Manual Integrations
 APPROVED

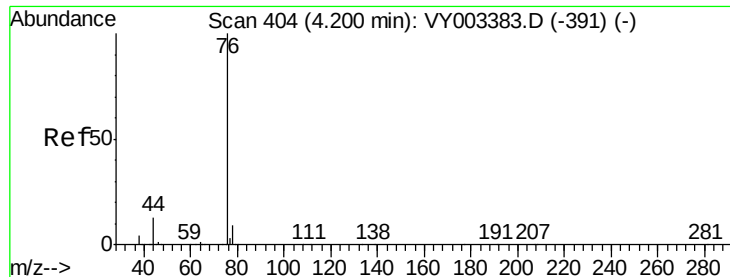
MMDadoda
 8/3/2020 12:37:27 PM



#16
 Acetone
 Concen: 300.455 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.4	38.2





#17

Carbon Disulfide

Concen: 55.178 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 728202

Ion Ratio Lower Upper

76 100

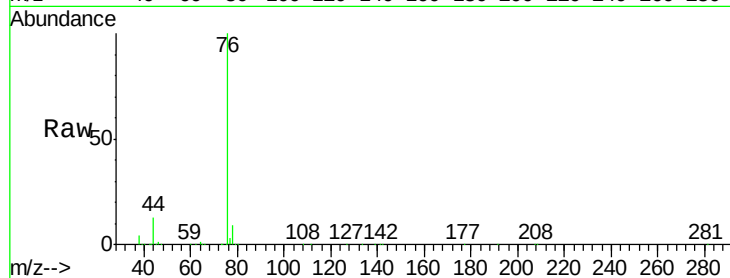
78 9.4 7.5 11.3

Manual Integrations

APPROVED

MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

250000

200000

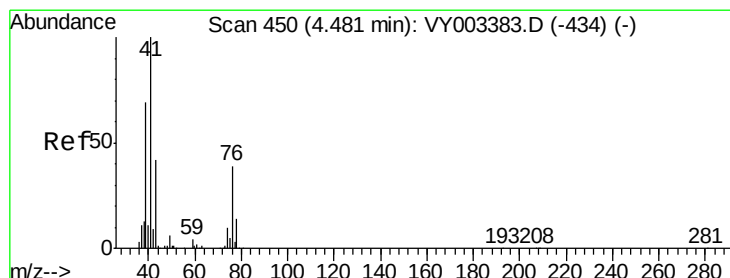
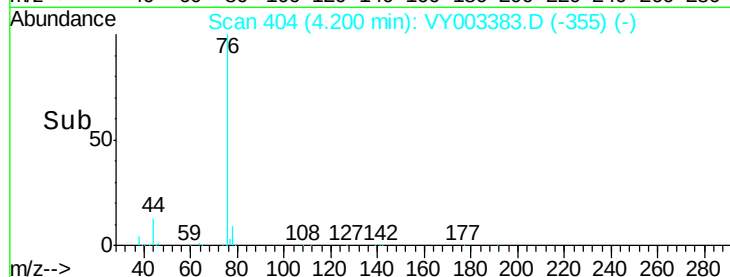
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.378 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003383.D

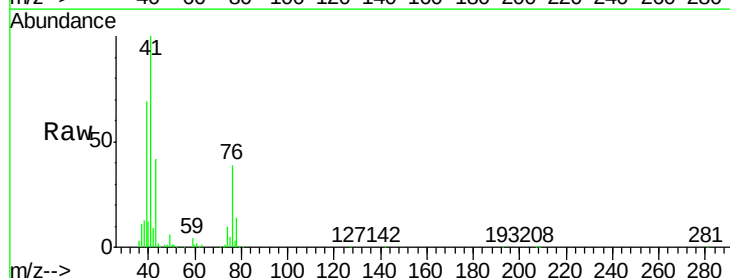
Acq: 31 Jul 2020 12:07

Tgt Ion: 43 Resp: 144079

Ion Ratio Lower Upper

43 100

74 24.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

50000

40000

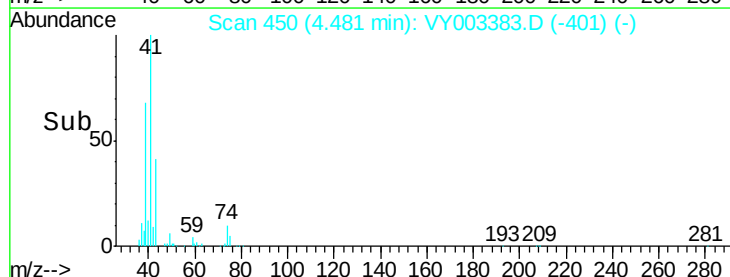
30000

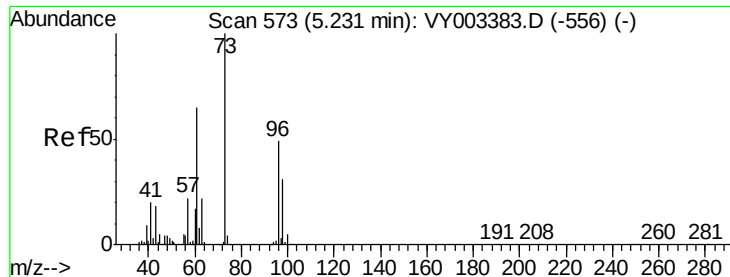
20000

10000

0

Time-->





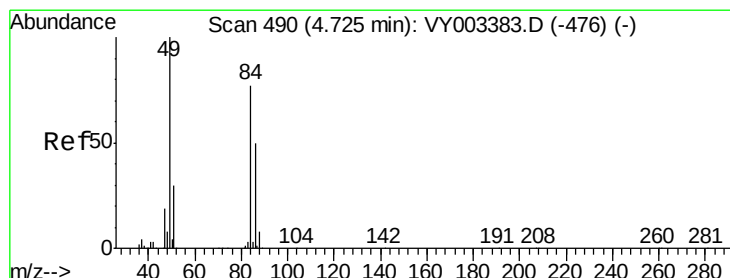
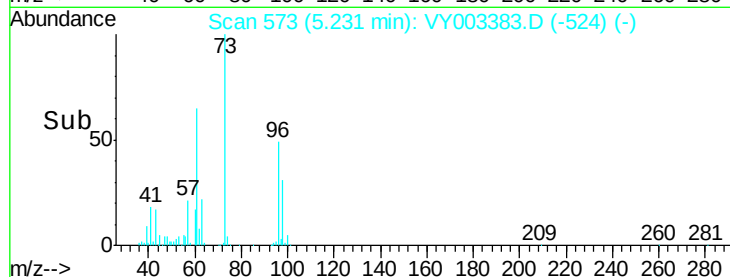
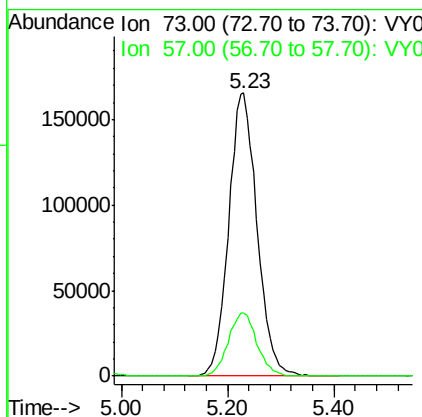
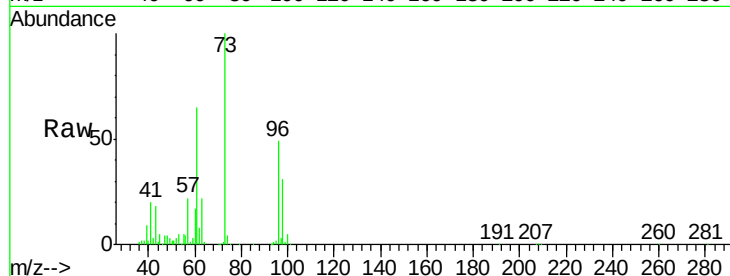
#19
Methyl tert-butyl Ether
Concen: 51.552 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 611081
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8

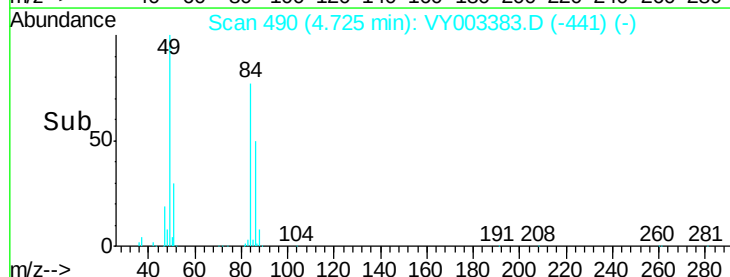
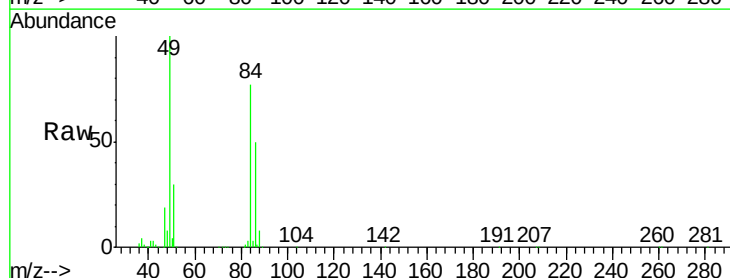
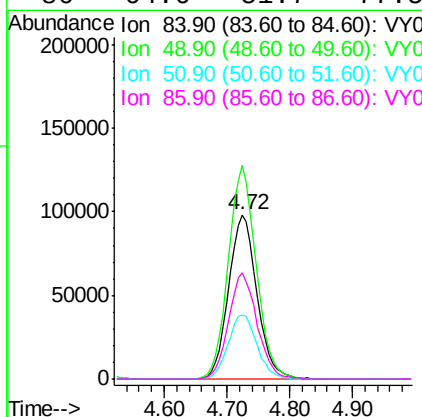
Manual Integrations
APPROVED

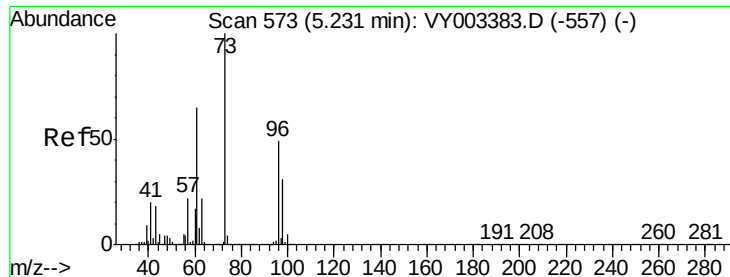
MMDadoda
8/3/2020 12:37:27 PM



#20
Methylene Chloride
Concen: 52.478 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion: 84 Resp: 306476
Ion Ratio Lower Upper
84 100
49 130.3 104.2 156.4
51 39.4 31.5 47.3
86 64.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 51.692 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

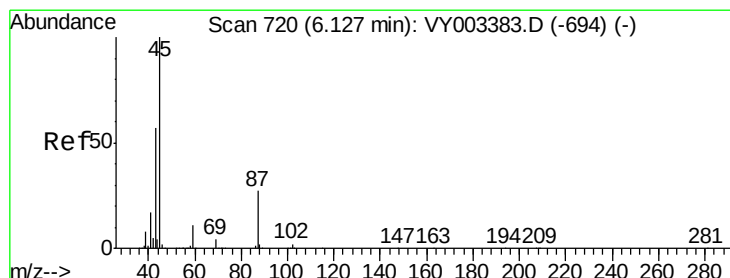
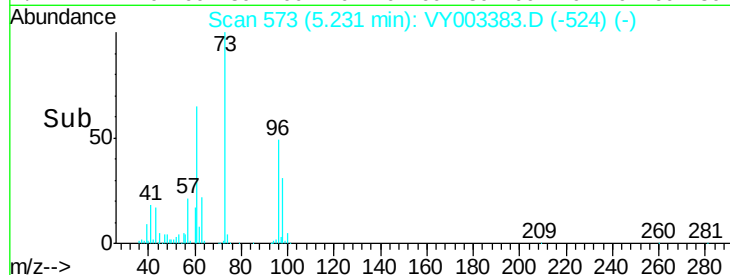
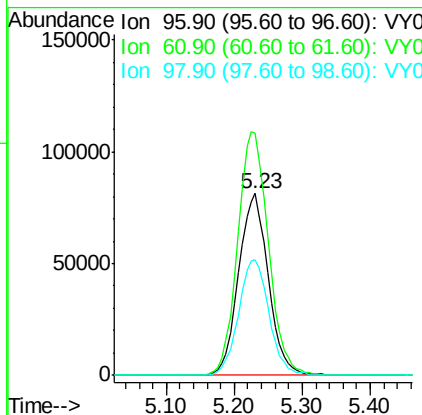
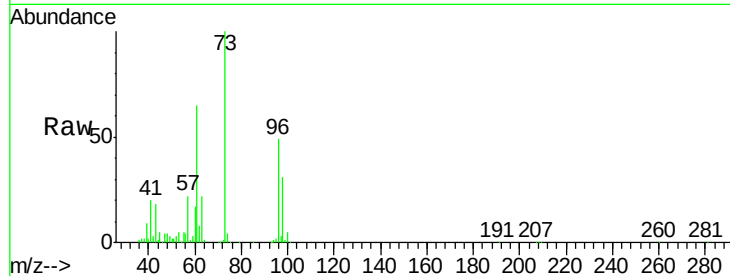
ClientSampled :

VSTDICCC050

Tot Ion:	96	Resp:	247673
Ion	Ratio	Lower	Upper
96	100		
61	132.9	106.3	159.5
98	63.5	50.8	76.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#22

Diisopropyl ether

Concen: 55.801 ug/l

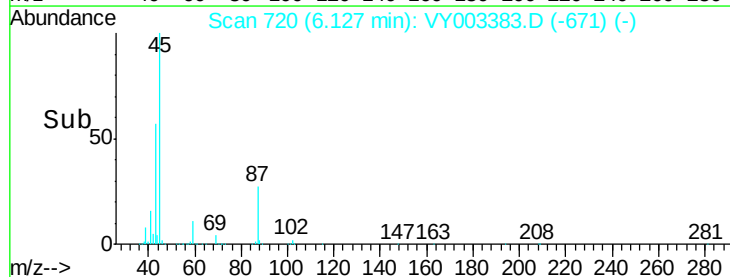
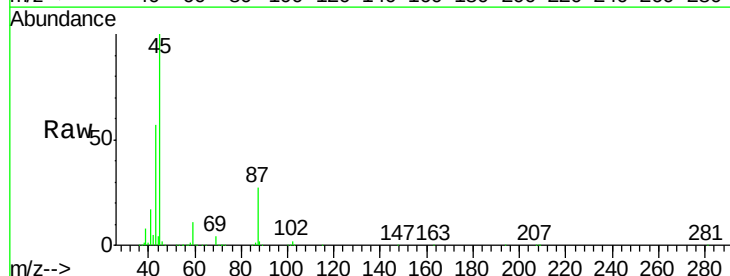
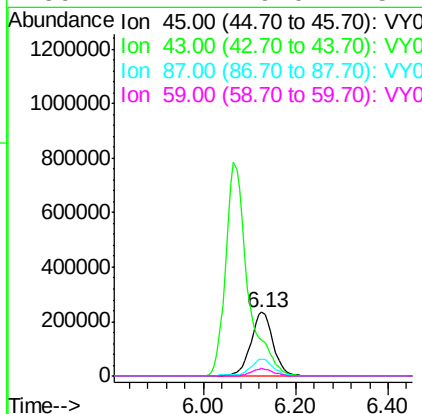
RT: 6.13 min Scan# 720

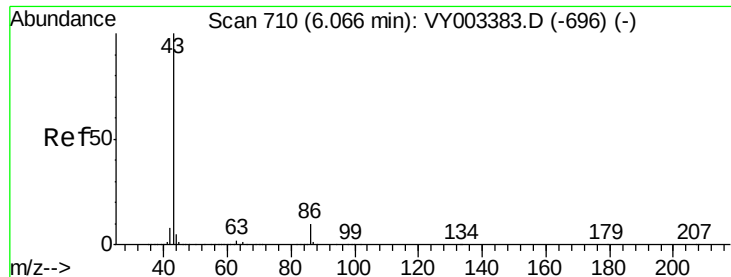
Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Tgt Ion:	45	Resp:	787945
Ion	Ratio	Lower	Upper
45	100		
43	57.0	45.6	68.4
87	26.6	21.3	31.9
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 277.604 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2606993

Ion Ratio Lower Upper

43 100

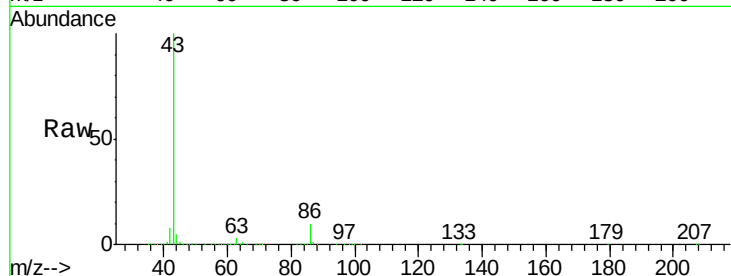
86 10.0 8.0 12.0

Manual Integrations

APPROVED

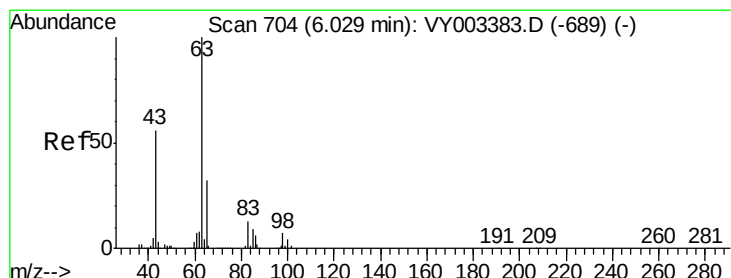
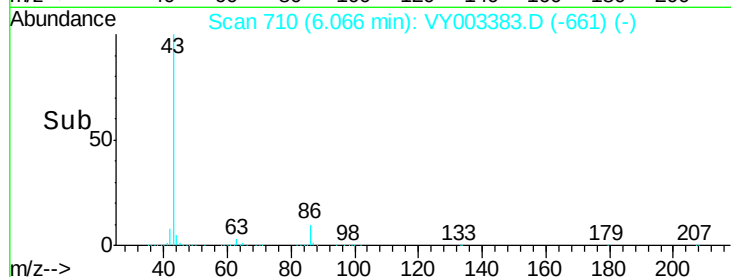
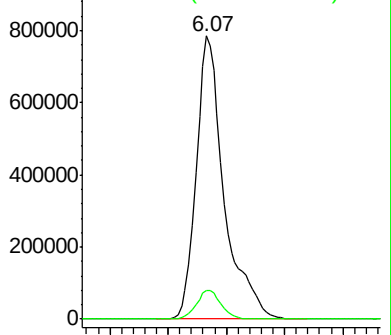
MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 53.938 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

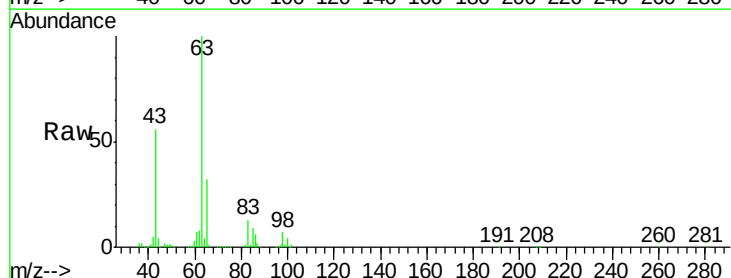
Tgt Ion: 63 Resp: 439224

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

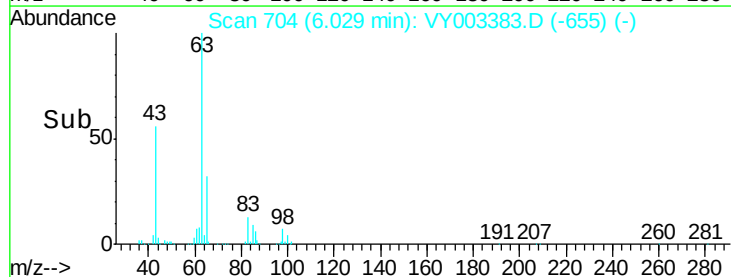
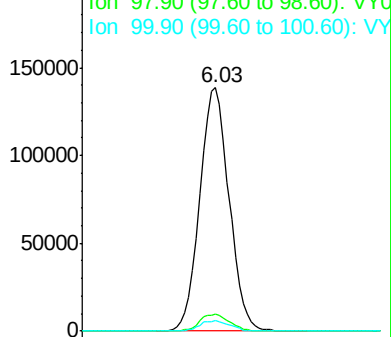
100 4.4 2.2 6.6

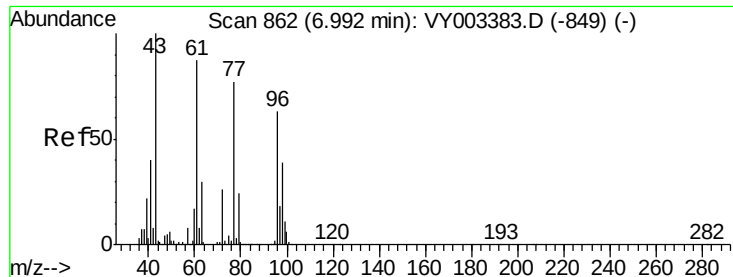


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





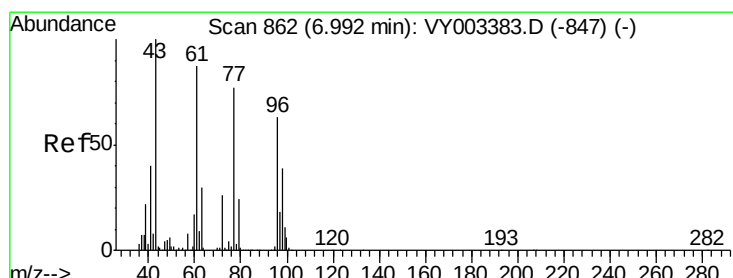
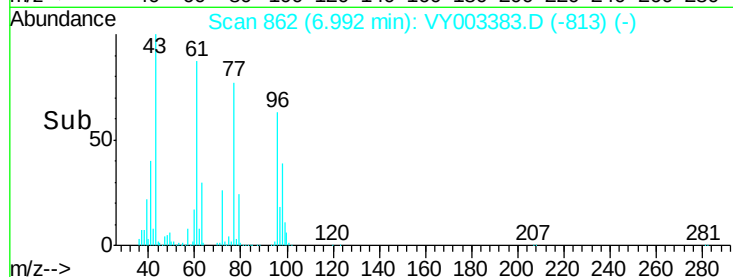
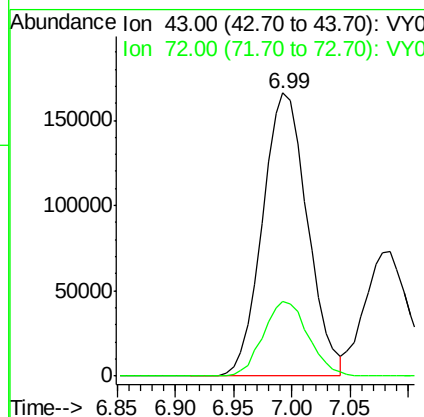
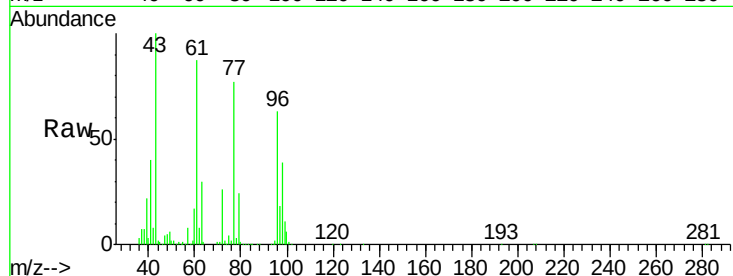
#25
2-Butanone
Concen: 277.745 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	444434
Ion Ratio	Lower	Upper	
43	100		
72	26.4	21.1	31.7

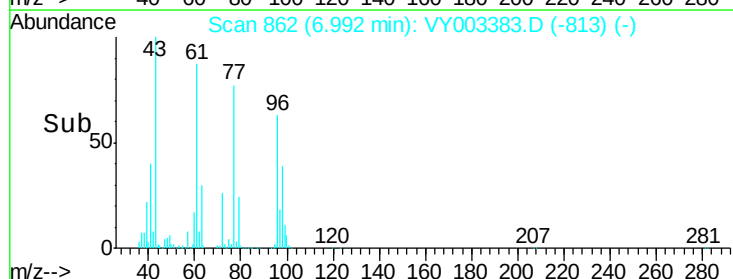
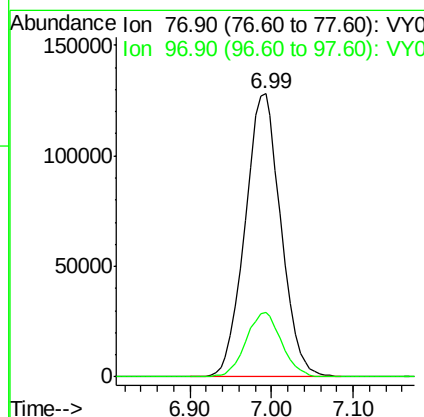
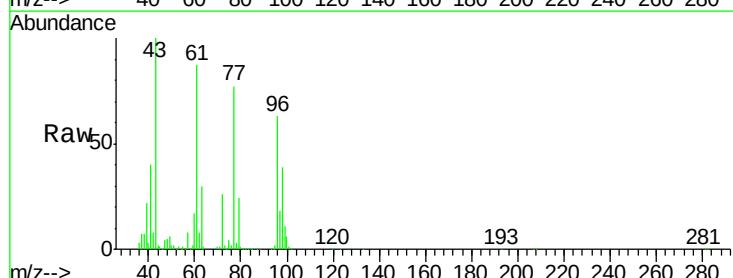
Manual Integrations
APPROVED

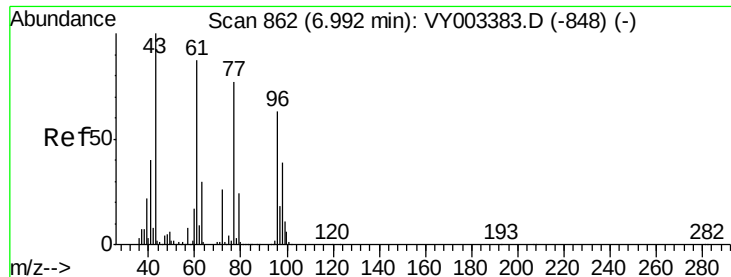
MMDadoda
8/3/2020 12:37:27 PM



#26
2,2-Dichloropropane
Concen: 53.372 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	77	Resp	391138
Ion Ratio	Lower	Upper	
77	100		
97	22.5	11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 52.293 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003383.D

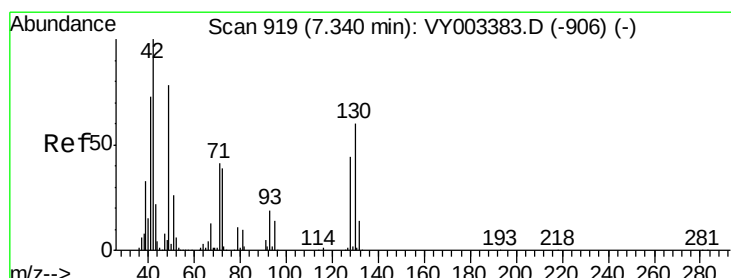
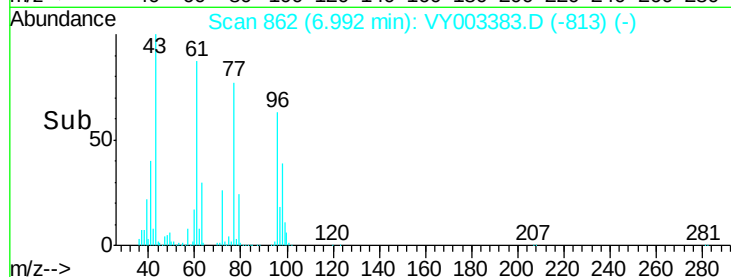
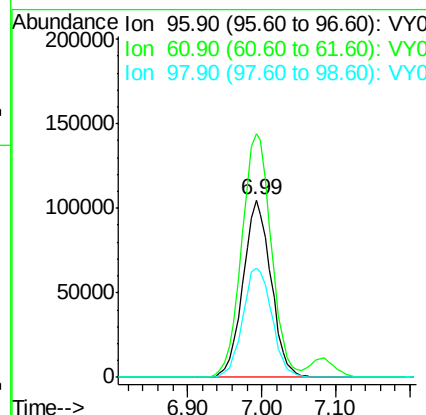
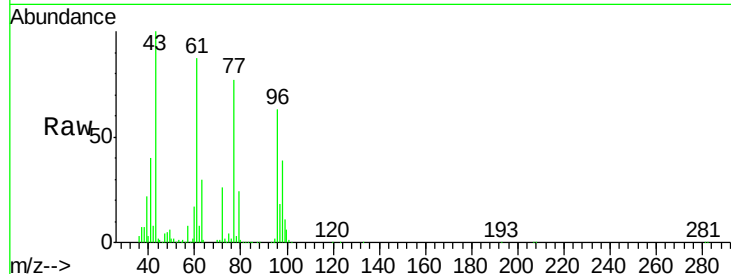
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	276223		
61	145.0		0.0	290.0
98	64.5		0.0	129.0

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#28

Bromochloromethane

Concen: 47.289 ug/l

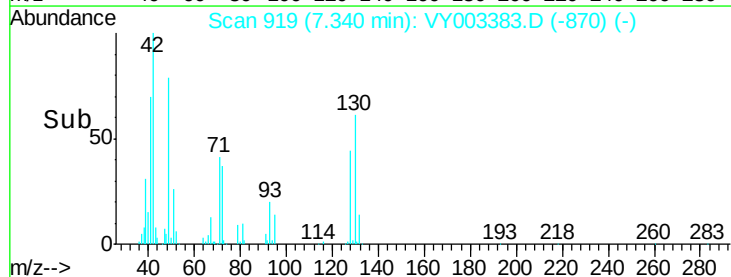
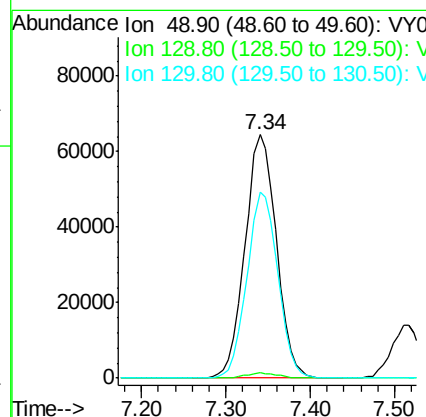
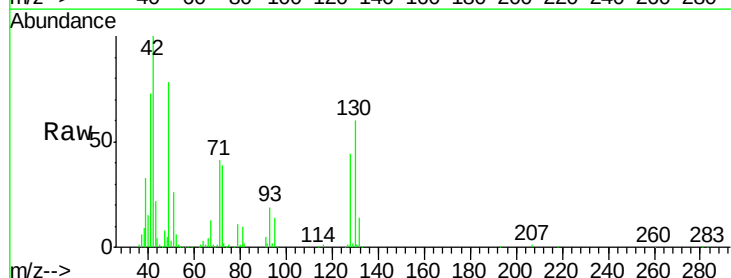
RT: 7.34 min Scan# 919

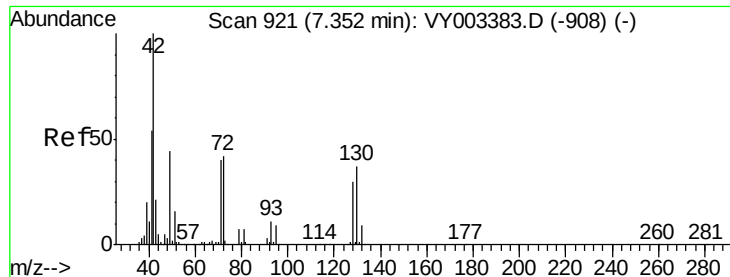
Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	161834		
129	2.2		0.0	4.4
130	75.4		60.3	90.5





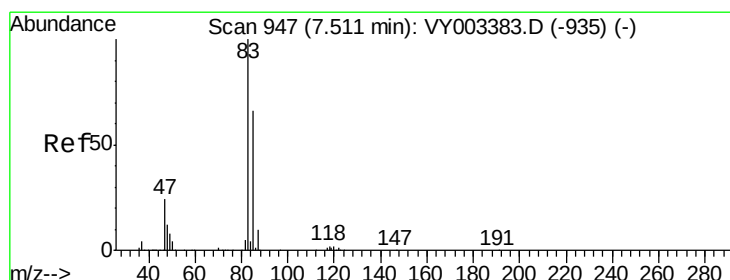
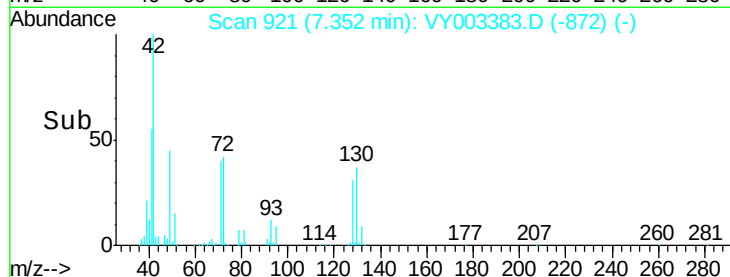
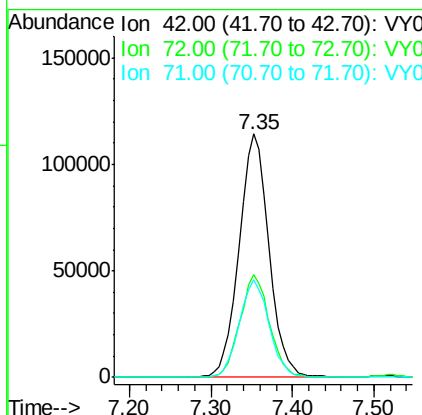
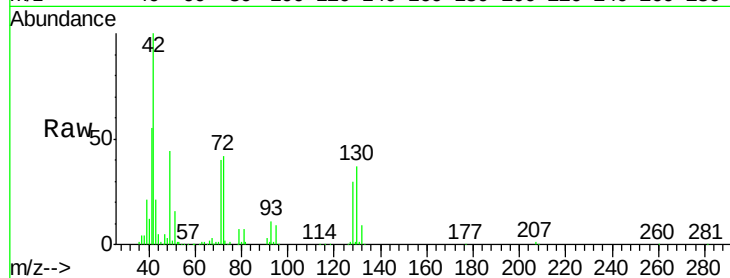
#29
Tetrahydrofuran
Concen: 271.240 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.5	50.3
71	40.1	32.1	48.1

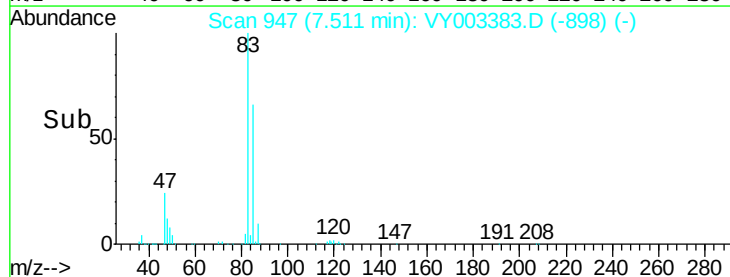
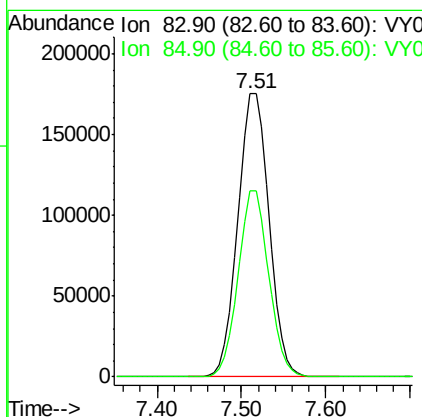
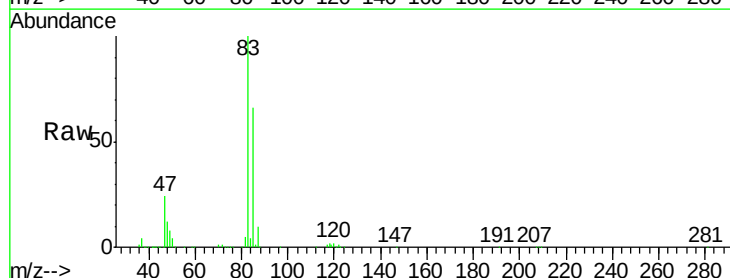
Manual Integrations
APPROVED

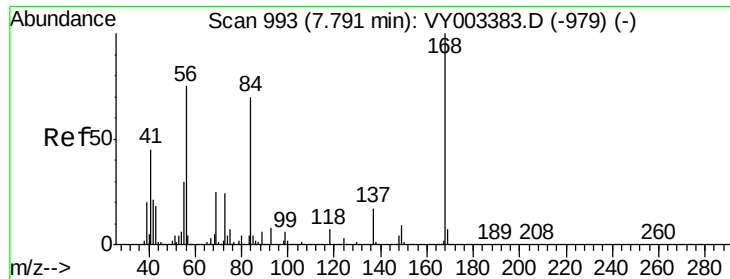
MMDadoda
8/3/2020 12:37:27 PM



#30
Chloroform
Concen: 52.561 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7





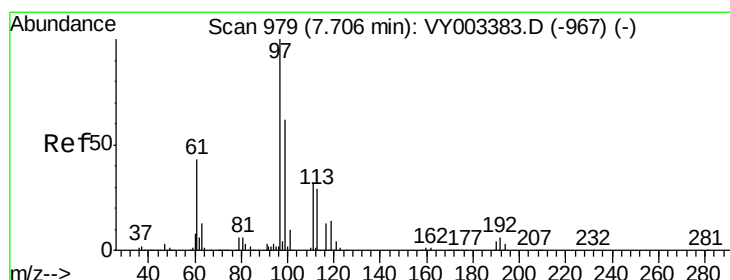
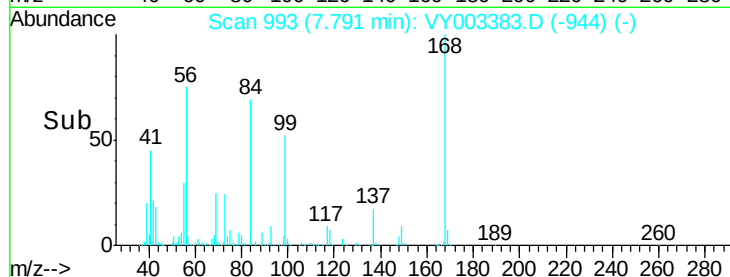
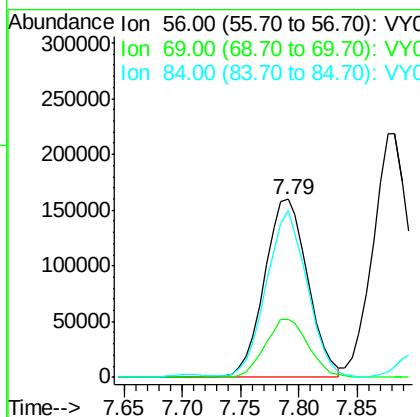
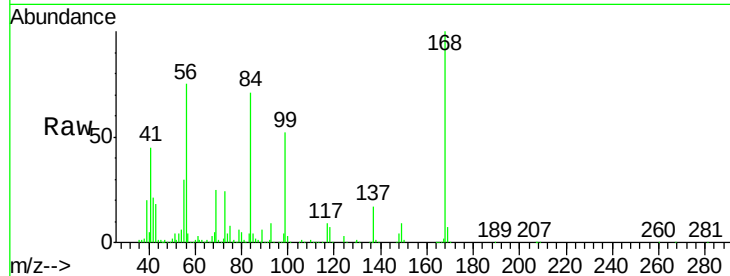
#31
Cyclohexane
Concen: 52.295 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.1	39.1
84	92.4	73.9	110.9

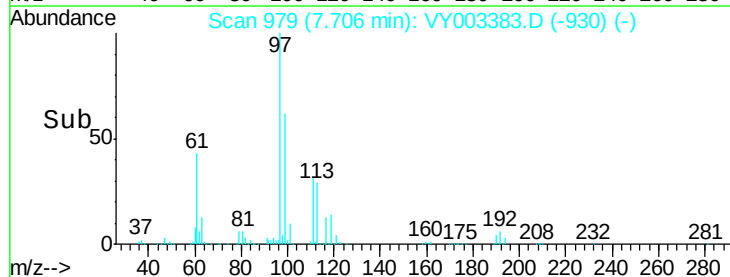
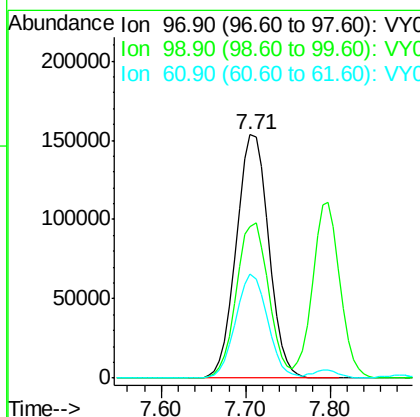
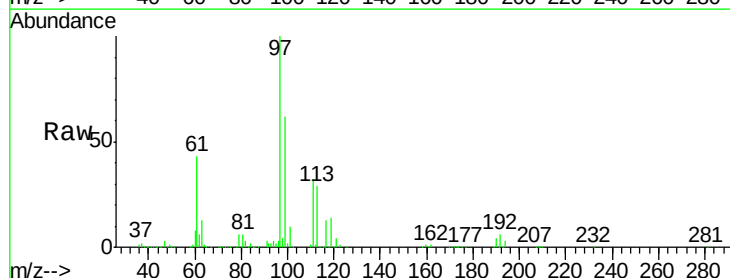
Manual Integrations
APPROVED

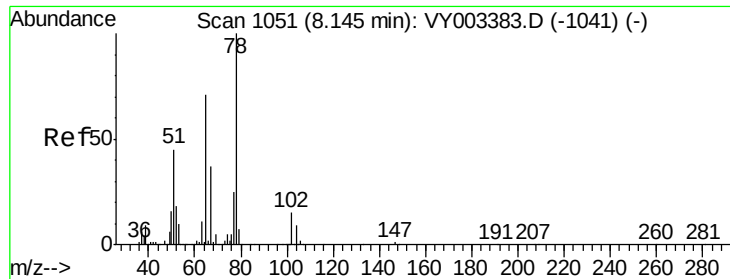
MMDadoda
8/3/2020 12:37:27 PM



#32
1,1,1-Trichloroethane
Concen: 52.976 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	42.1	33.7	50.5





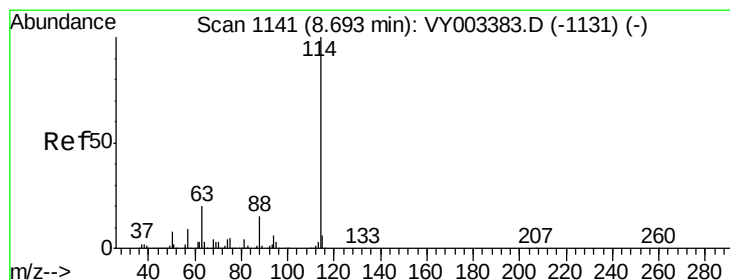
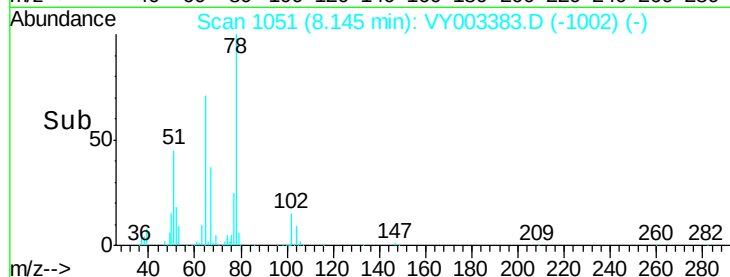
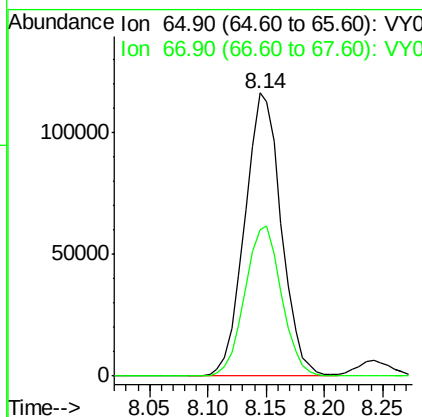
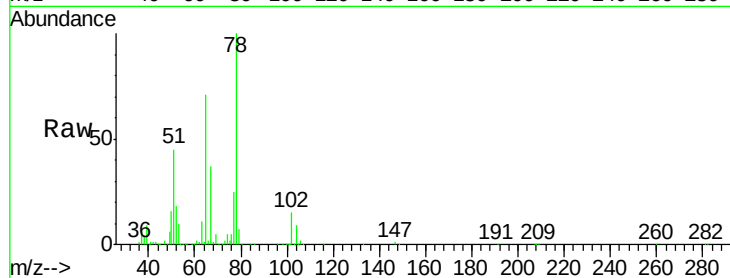
#33
 1,2-Dichloroethane-d4
 Concen: 57.728 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.3	0.0	106.6	

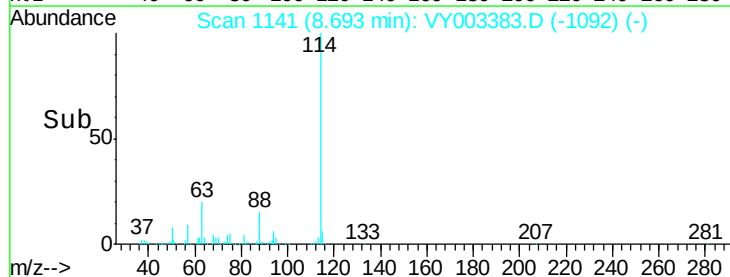
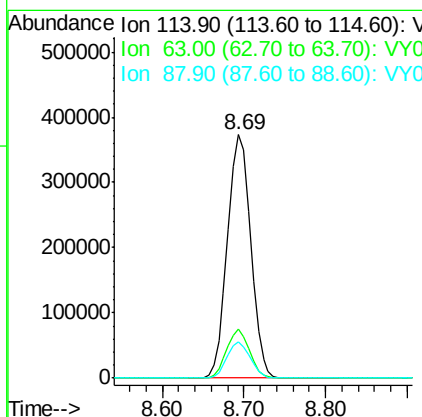
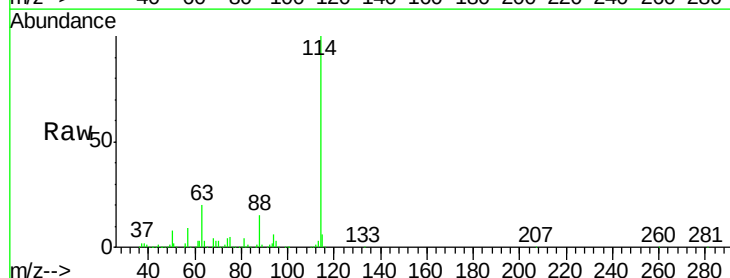
Manual Integrations
 APPROVED

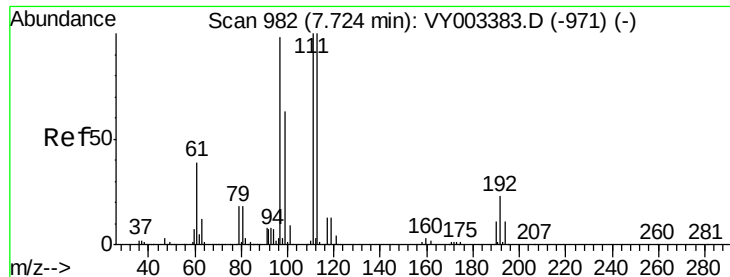
MMDadoda
 8/3/2020 12:37:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.3	0.0	40.6	
88	14.6	0.0	29.2	





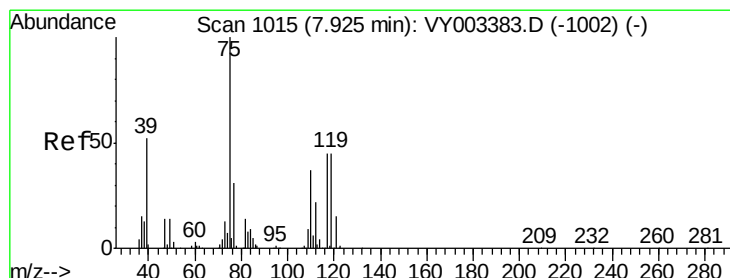
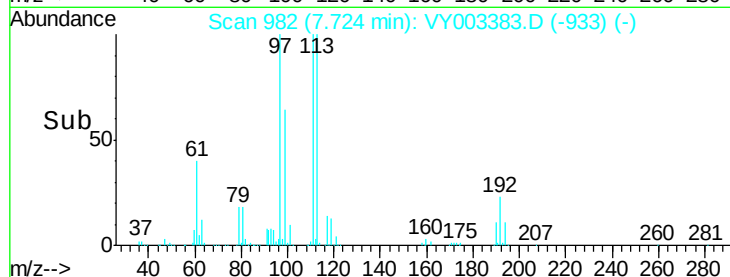
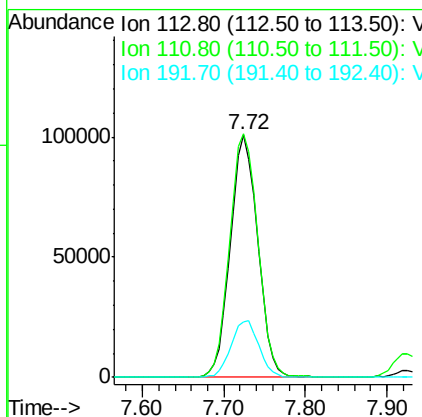
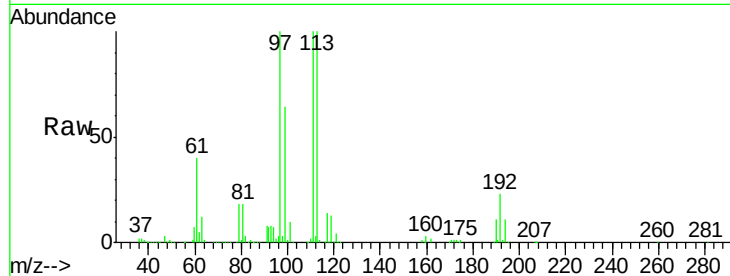
#35
 Dibromofluoromethane
 Concen: 53.993 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233699		
111	103.7		83.0	124.4
192	23.5		18.8	28.2

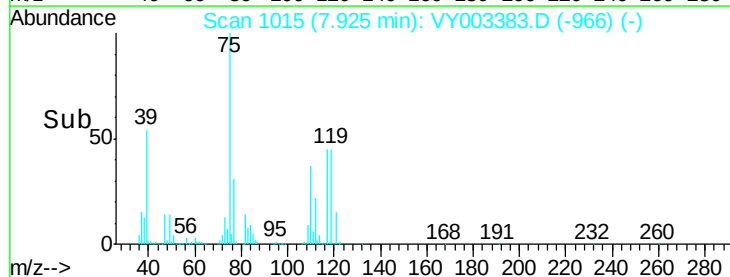
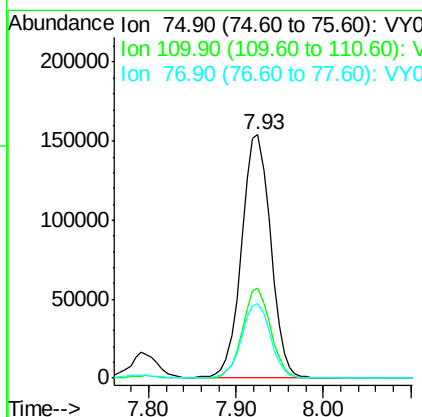
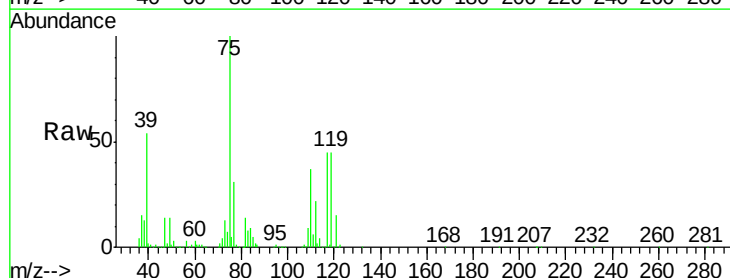
Manual Integrations
 APPROVED

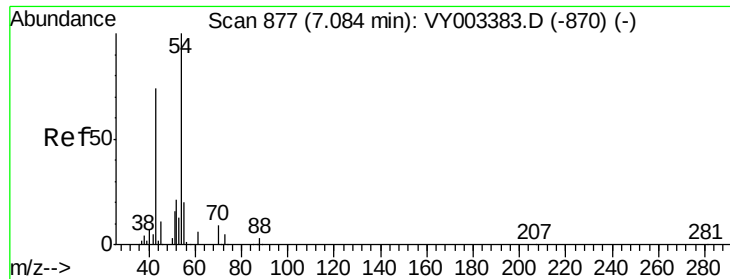
MMDadoda
 8/3/2020 12:37:27 PM



#36
 1,1-Dichloropropene
 Concen: 52.436 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	356185		
110	35.7		17.8	53.5
77	30.7		24.6	36.8





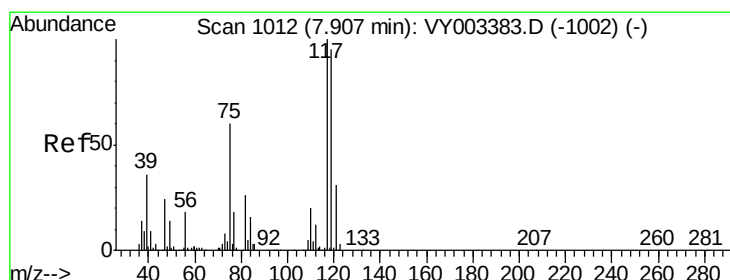
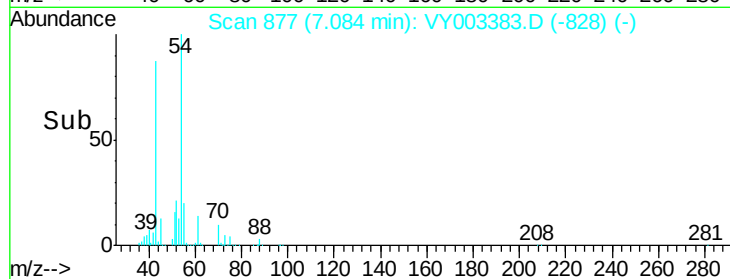
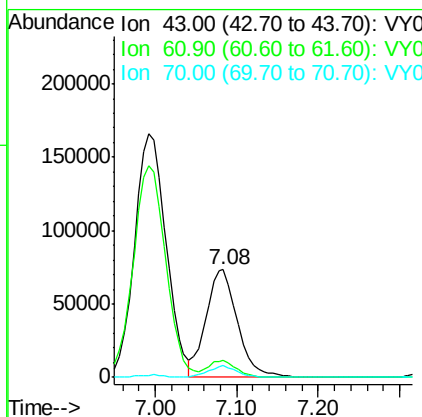
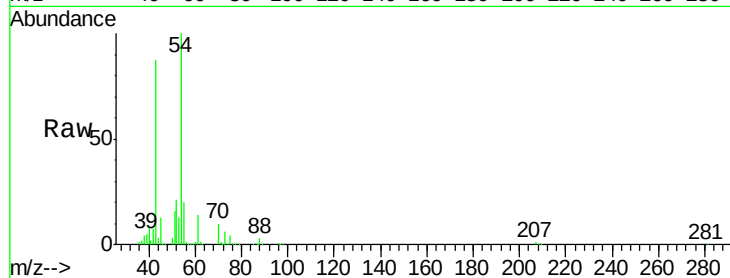
#37
Ethyl Acetate
Concen: 53.829 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.2	16.8
70	9.6	7.7	11.5

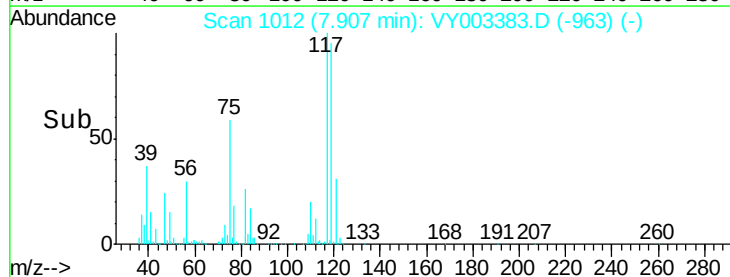
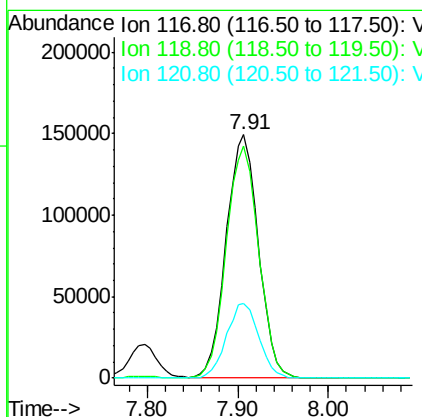
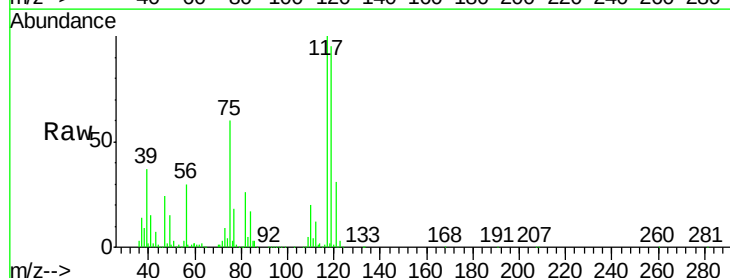
Manual Integrations
APPROVED

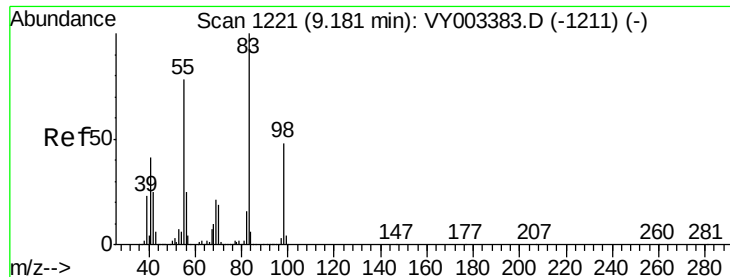
MMDadoda
8/3/2020 12:37:27 PM



#38
Carbon Tetrachloride
Concen: 52.612 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.1	114.1
121	30.6	24.5	36.7





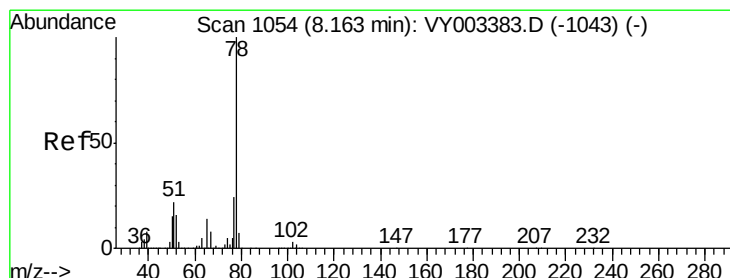
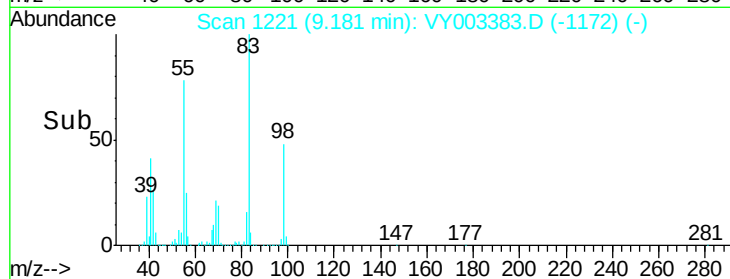
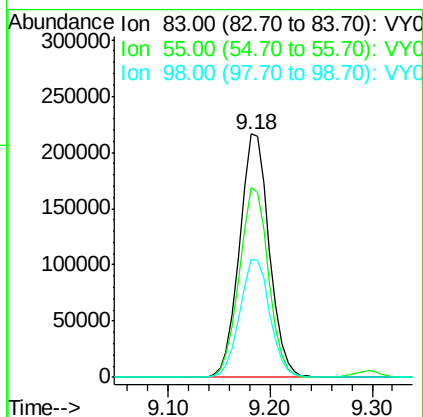
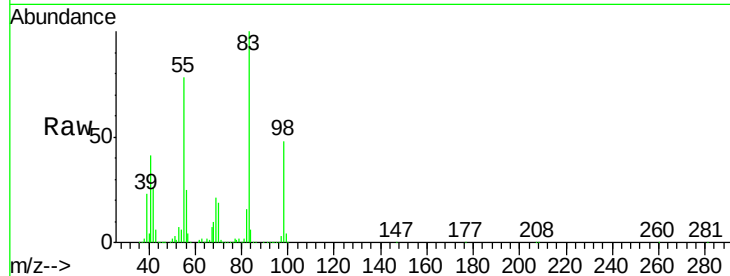
#39
Methylvlcyclohexane
Concen: 51.521 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	62.2	93.4
98	48.4	38.7	58.1

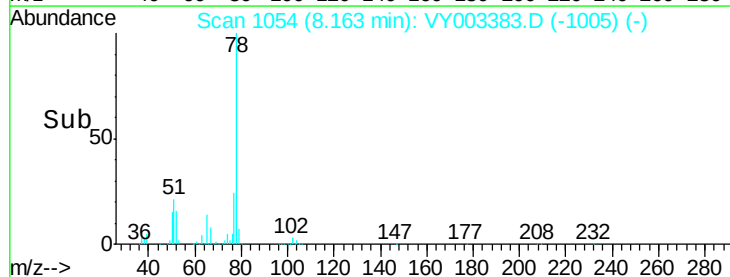
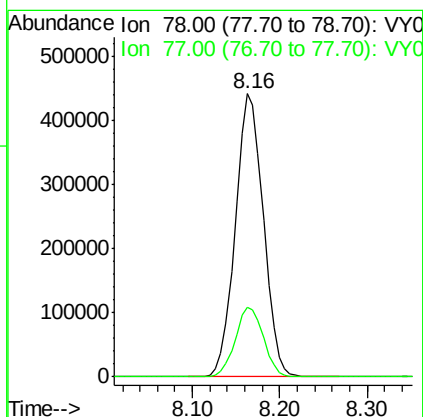
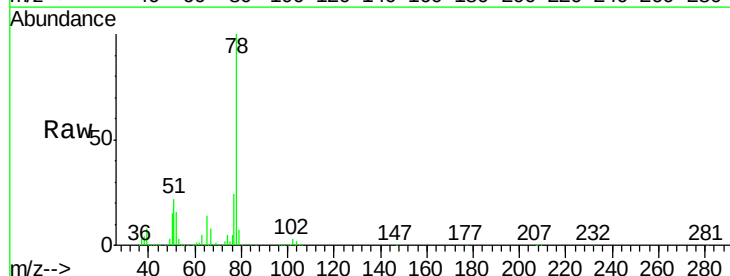
Manual Integrations
APPROVED

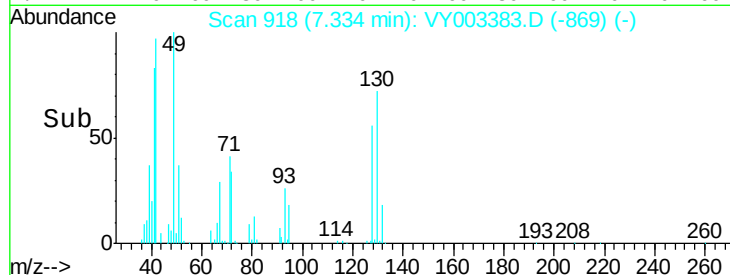
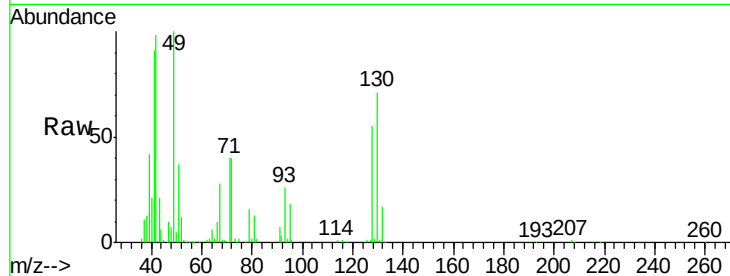
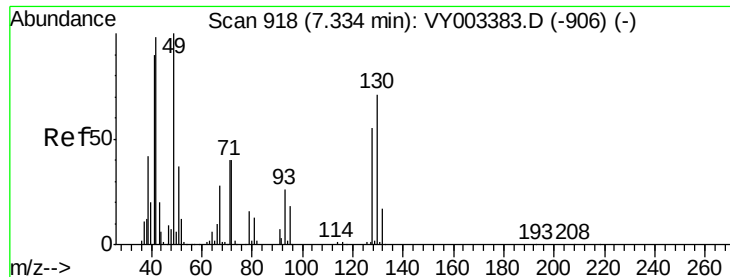
MMDadoda
8/3/2020 12:37:27 PM



#40
Benzene
Concen: 52.472 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





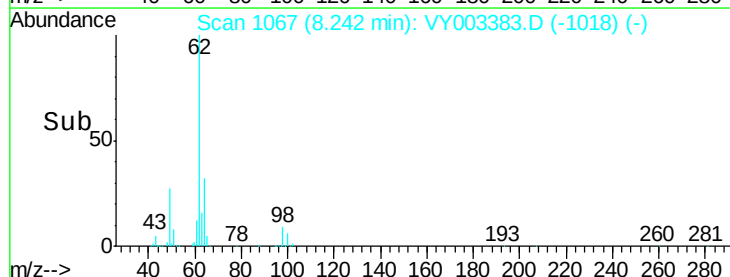
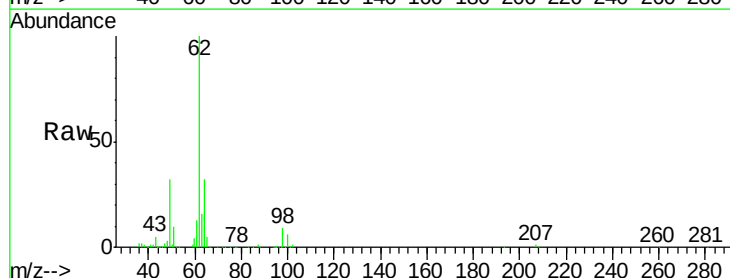
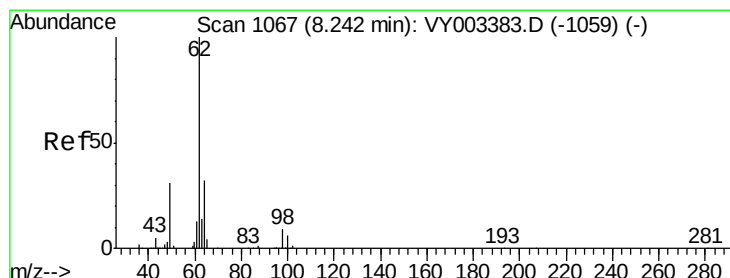
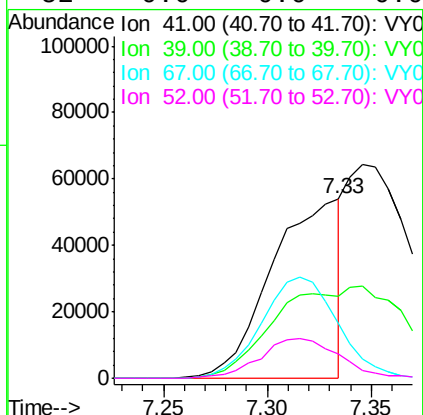
#41
Methacrylonitrile
Concen: 55.953 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tot Ion	41	Resp	124299
Ion	Ratio	Lower	Upper
41	100		
39	97.9	78.3	117.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

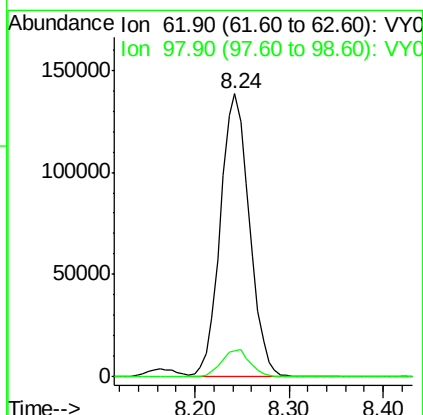
Manual Integrations
APPROVED

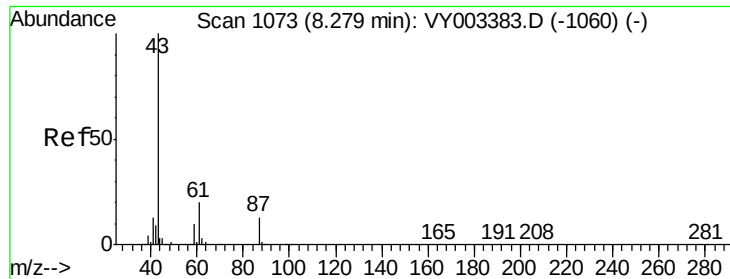
MMDadoda
8/3/2020 12:37:27 PM



#42
1,2-Dichloroethane
Concen: 51.553 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	62	Resp	296050
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.812 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

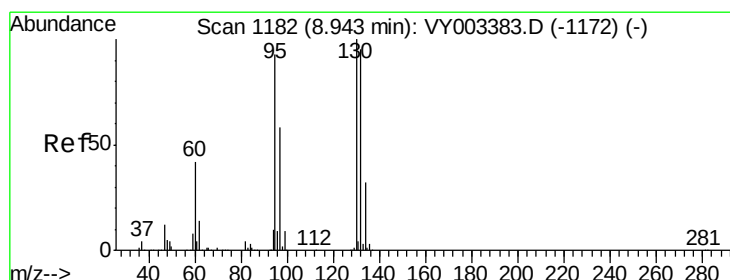
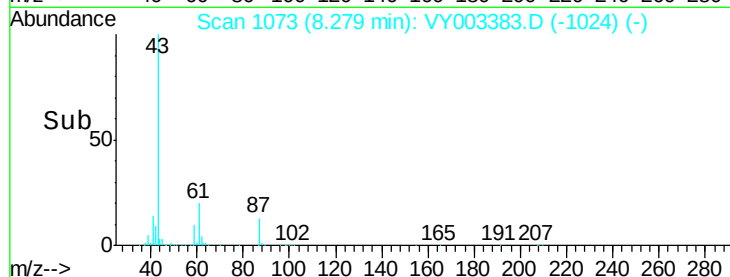
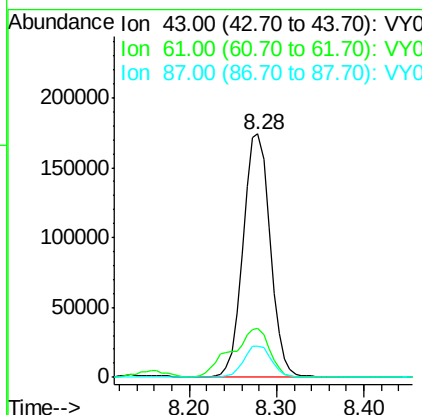
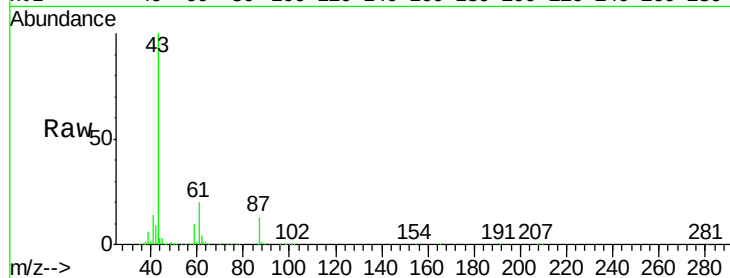
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	373833
Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.0	34.4
87	13.1	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#44

Trichloroethene

Concen: 49.994 ug/l

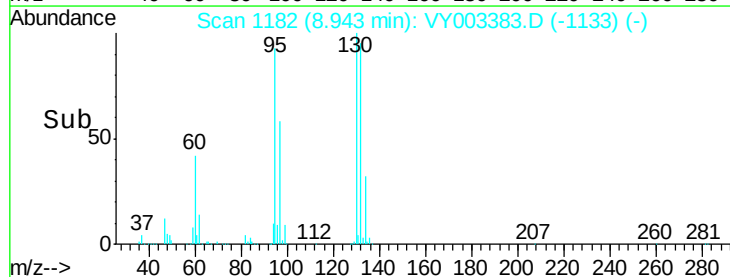
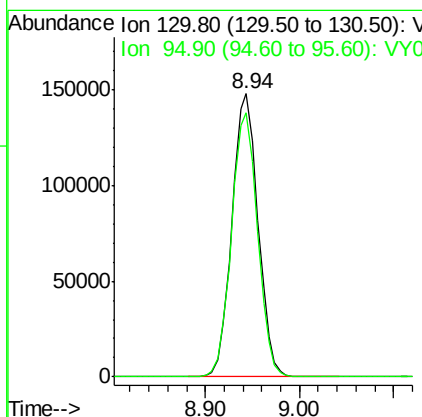
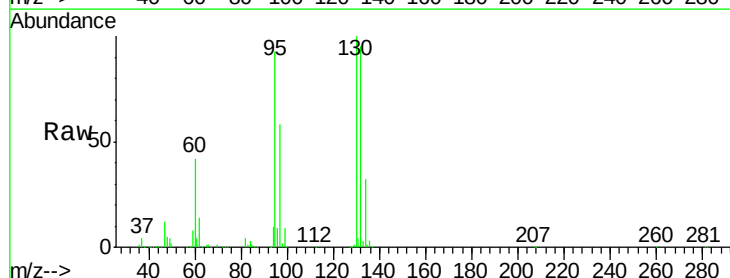
RT: 8.94 min Scan# 1182

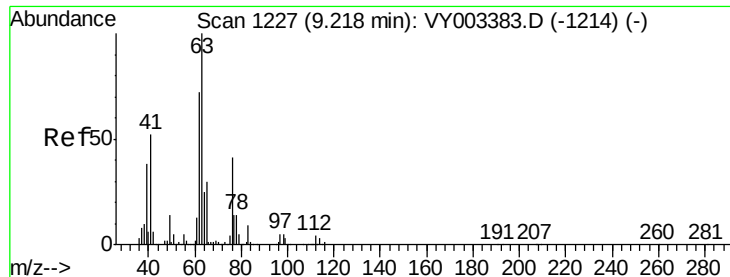
Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Tgt Ion:	130	Resp:	284044
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	186.8





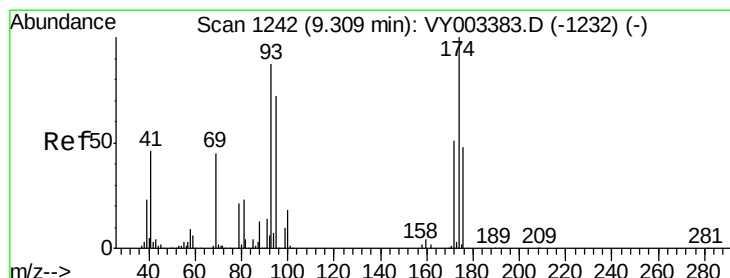
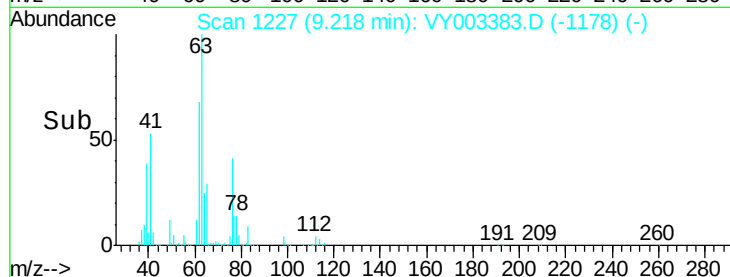
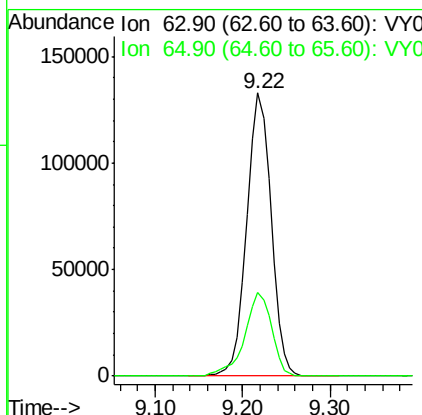
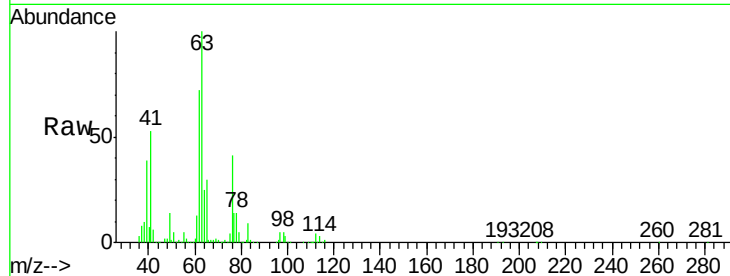
#45
 1,2-Dichloropropane
 Concen: 53.194 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.8	35.8

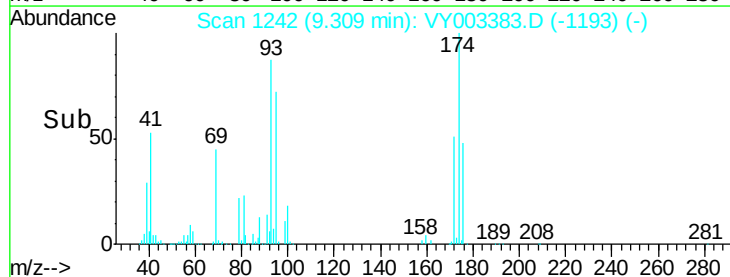
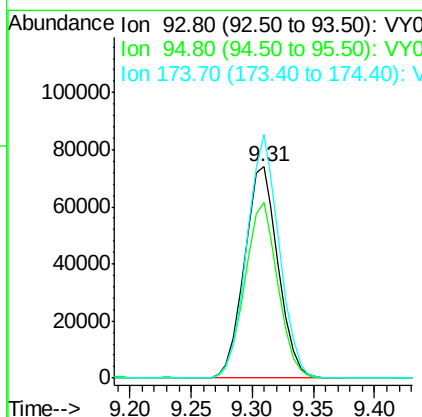
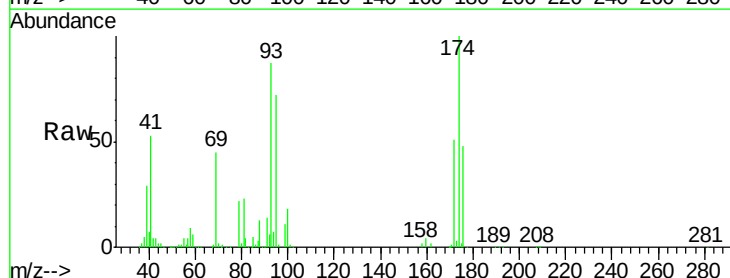
Manual Integrations
 APPROVED

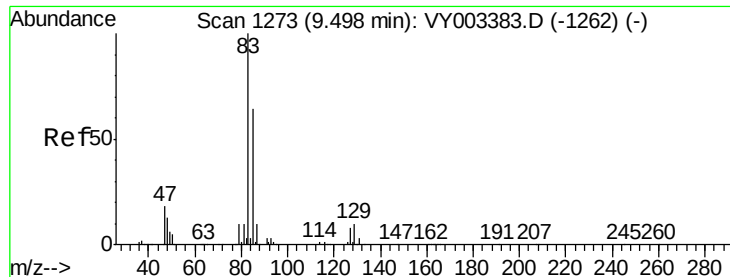
MMDadoda
 8/3/2020 12:37:27 PM



#46
 Dibromomethane
 Concen: 50.438 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.4	98.0
174	110.8	88.6	133.0





#47

Bromodichloromethane

Concen: 52.029 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

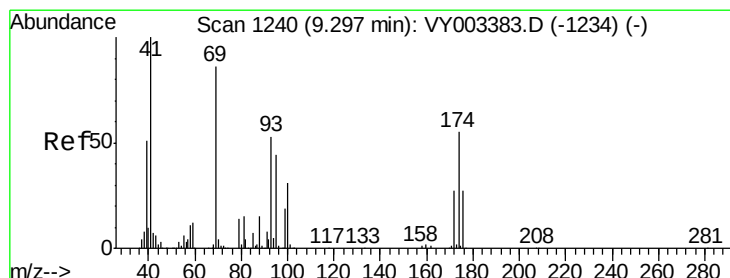
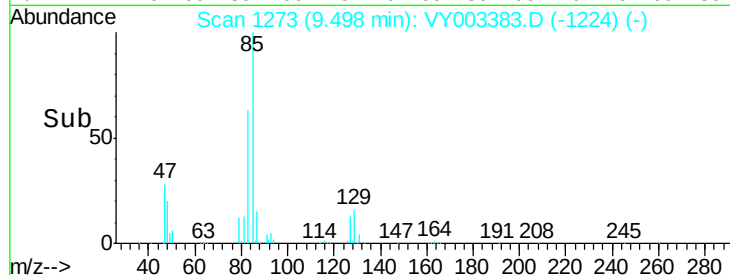
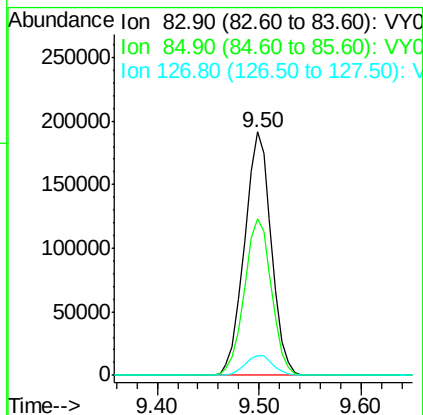
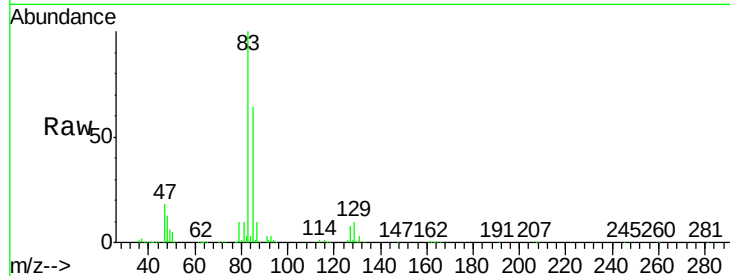
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	348930
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.6	77.4
127	8.1	6.5	9.7

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#48

Methyl methacrylate

Concen: 53.661 ug/l

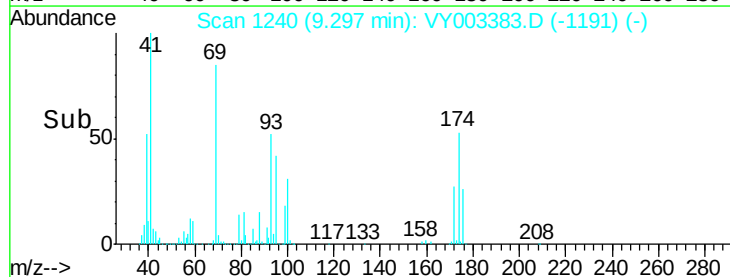
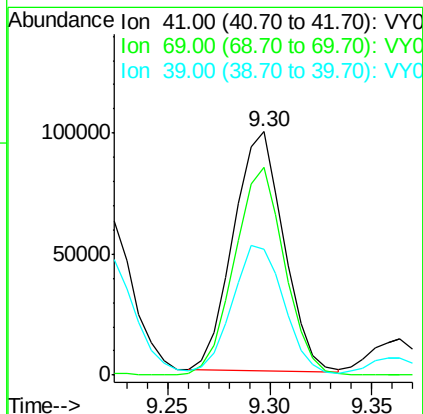
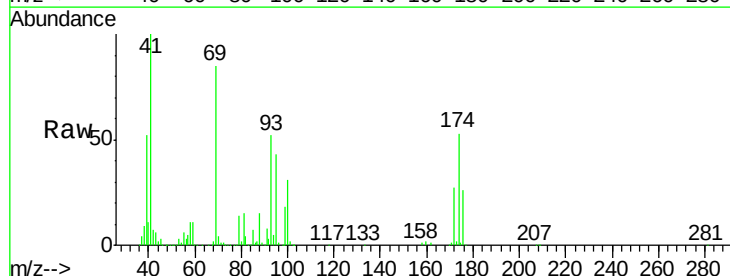
RT: 9.30 min Scan# 1240

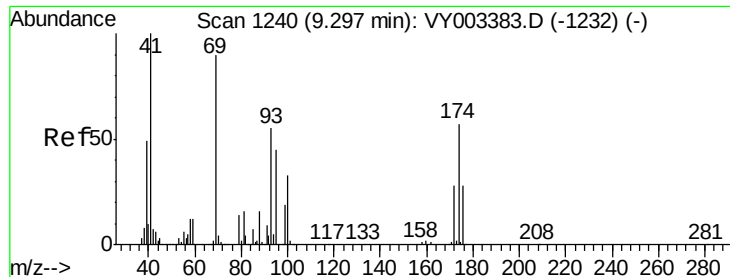
Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Tgt Ion:	41	Resp:	170086
Ion Ratio	Lower	Upper	
41	100		
69	86.1	68.9	103.3
39	53.9	43.1	64.7





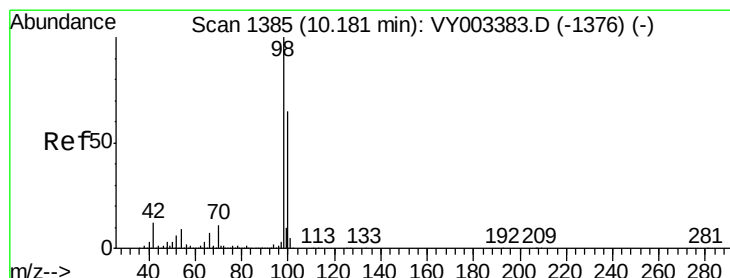
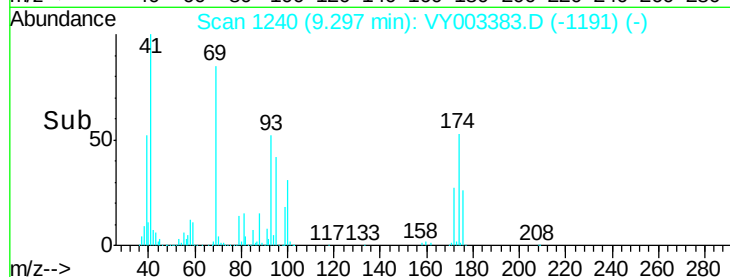
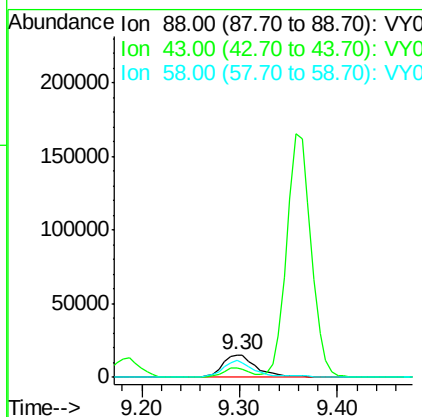
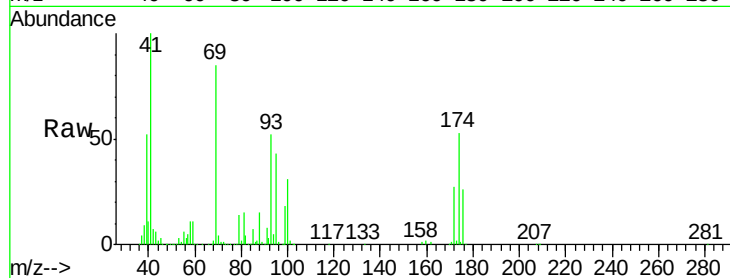
#49
1,4-Dioxane
Concen: 1041.994 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	37111
Ion Ratio	100	Lower	Upper
88	100		
43	31.1	24.9	37.3
58	67.9	54.3	81.5

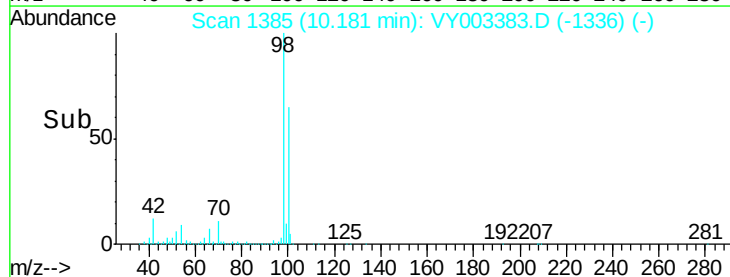
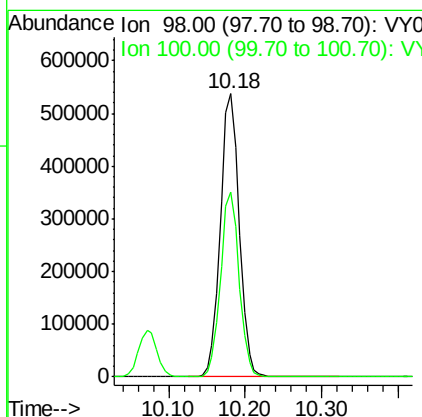
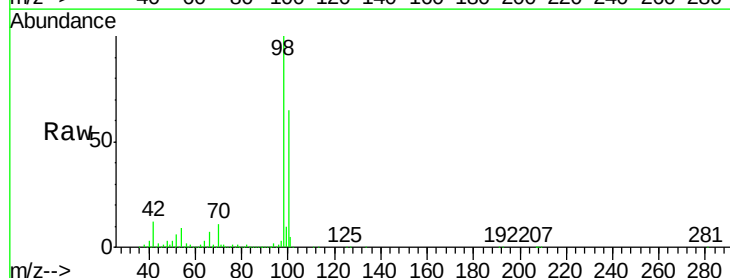
Manual Integrations
APPROVED

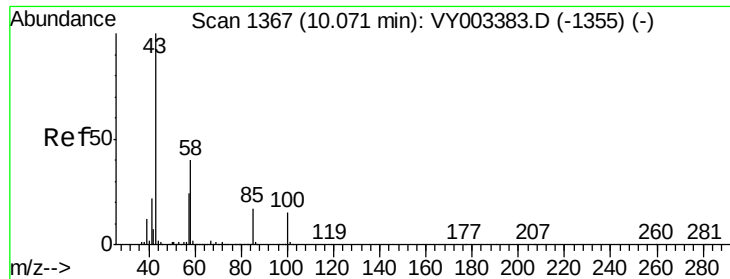
MMDadoda
8/3/2020 12:37:27 PM



#50
Toluene-d8
Concen: 56.260 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	98	Resp	917410
Ion Ratio	100	Lower	Upper
98	100		
100	64.1	51.3	76.9





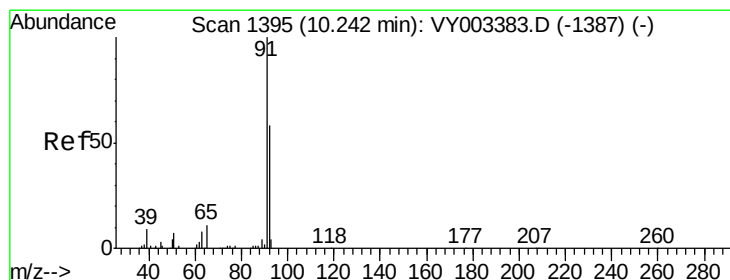
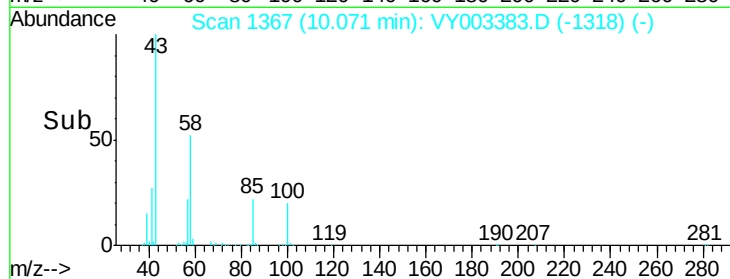
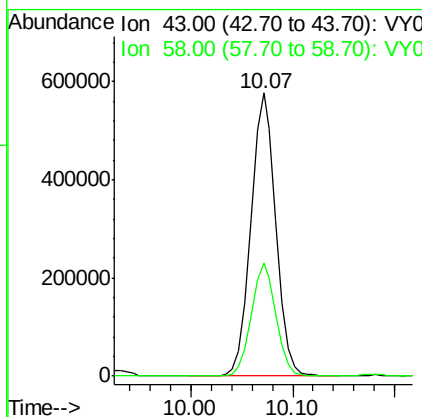
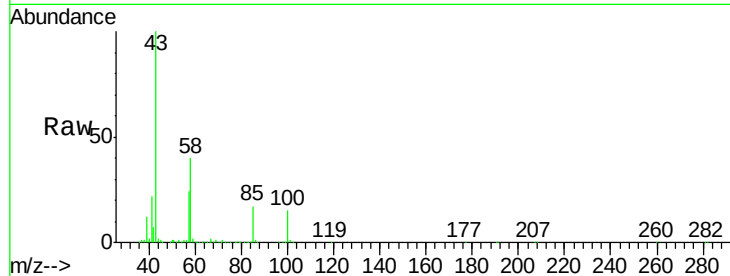
#51
4-Methyl-2-Pentanone
Concen: 266.490 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	58	Ratio	Lower	Upper
981061	100	39.5		31.6	47.4

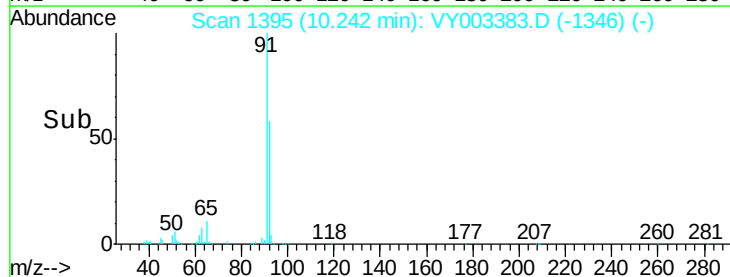
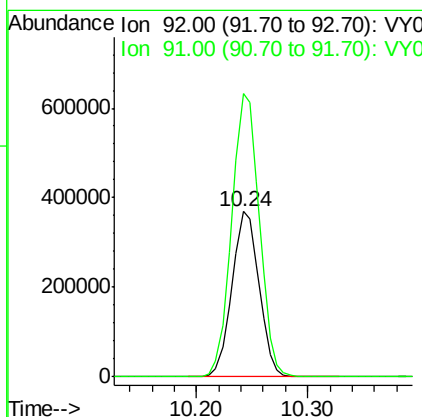
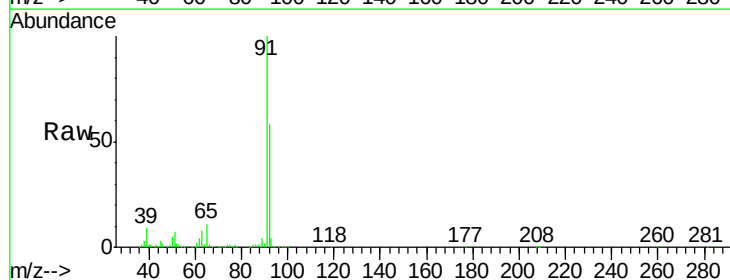
Manual Integrations
APPROVED

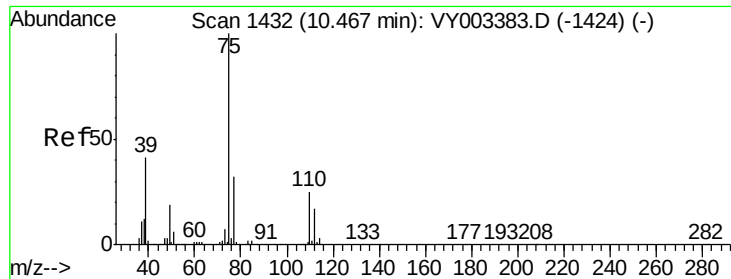
MMDadoda
8/3/2020 12:37:27 PM



#52
Toluene
Concen: 52.198 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	92	91	Ratio	Lower	Upper
623126	100	174.2		139.4	209.0





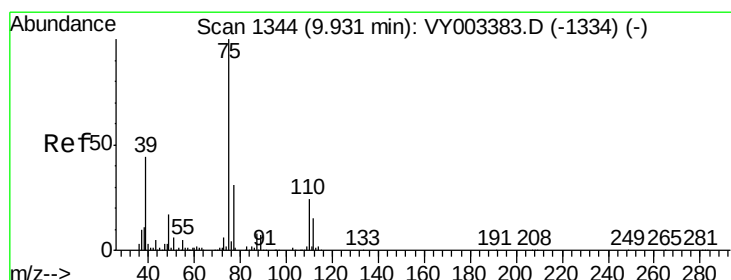
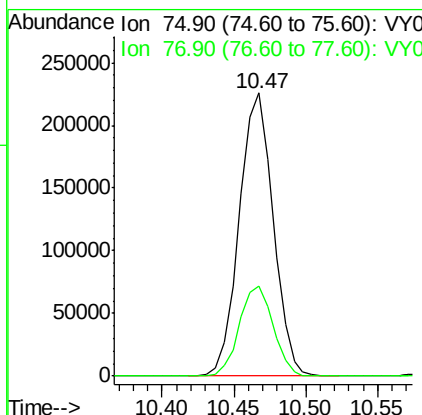
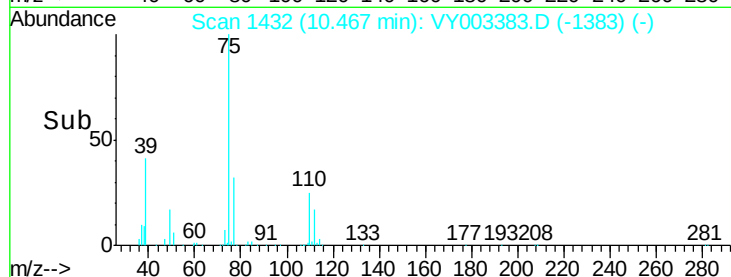
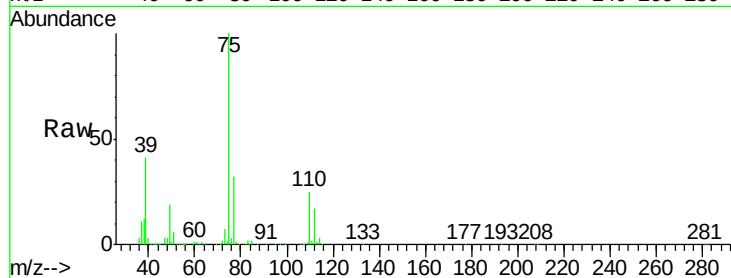
#53
t-1,3-Dichloropropene
Concen: 53.103 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

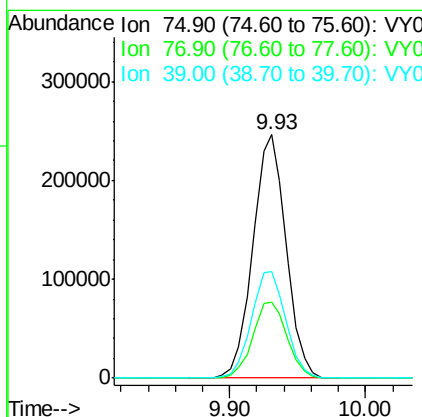
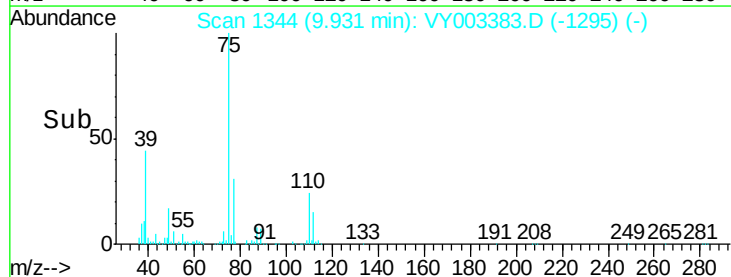
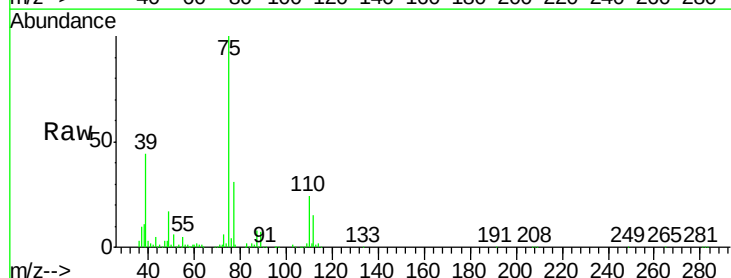
Manual Integrations
APPROVED

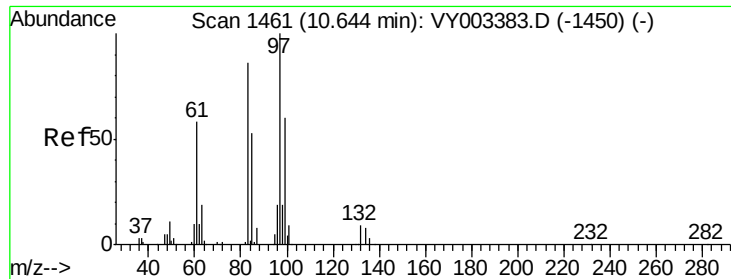
MMDadoda
8/3/2020 12:37:27 PM



#54
cis-1,3-Dichloropropene
Concen: 52.515 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	43.5	34.8	52.2





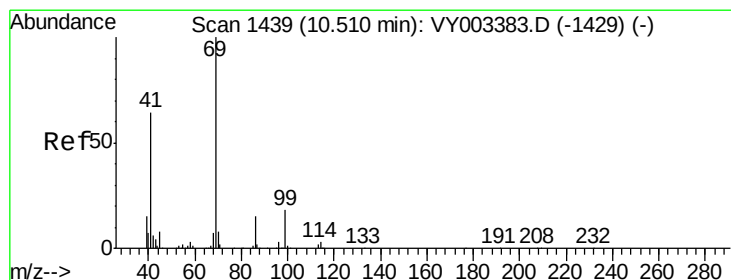
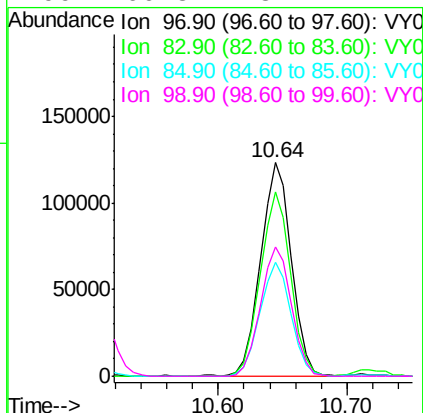
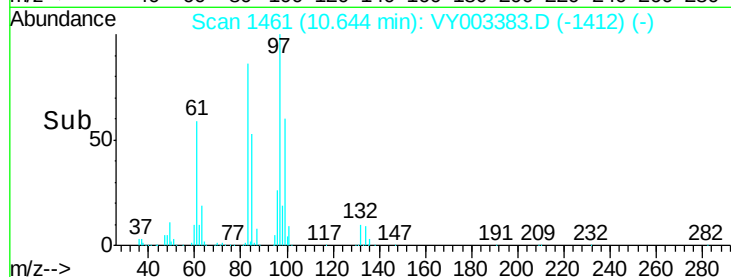
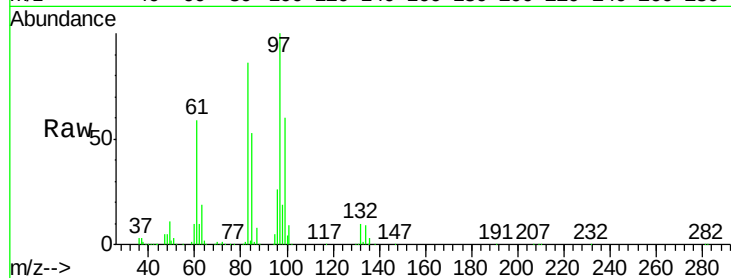
#55
 1,1,2-Trichloroethane
 Concen: 50.990 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	203422
Ion Ratio	Lower	Upper	
97	100		
83	86.4	69.1	103.7
85	53.1	42.5	63.7
99	60.3	48.2	72.4

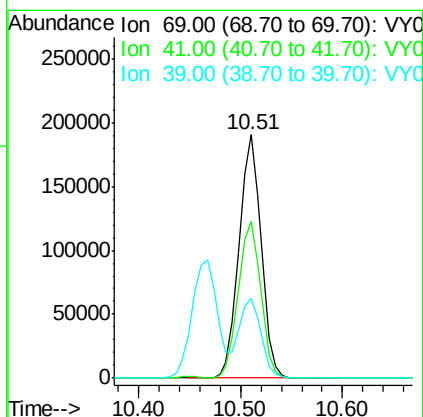
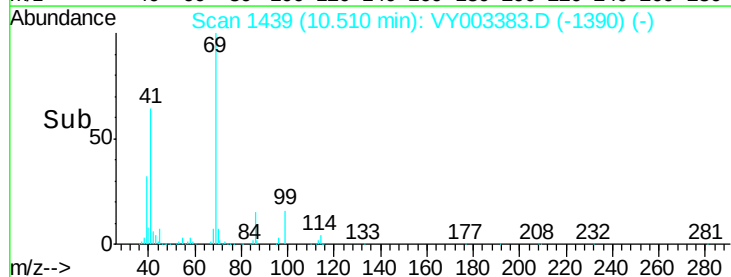
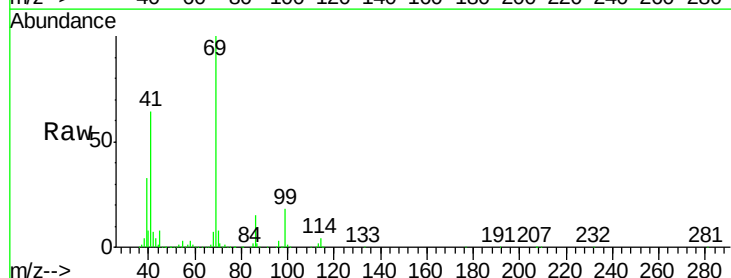
Manual Integrations
 APPROVED

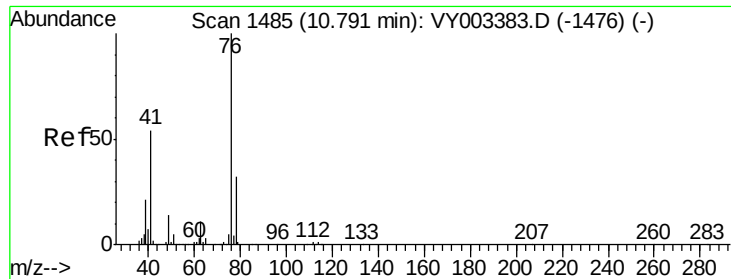
MMDadoda
 8/3/2020 12:37:27 PM



#56
 Ethyl methacrylate
 Concen: 52.484 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion:	69	Resp:	283603
Ion Ratio	Lower	Upper	
69	100		
41	65.3	52.2	78.4
39	30.9	24.7	37.1





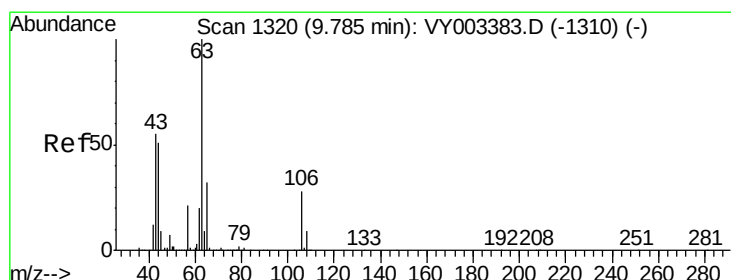
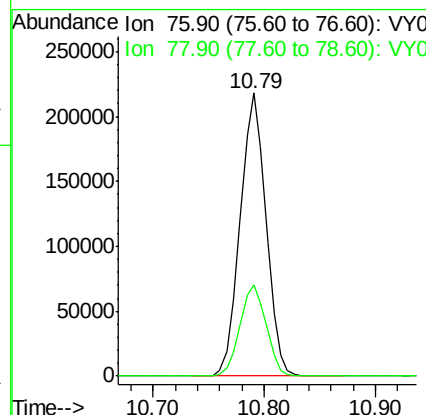
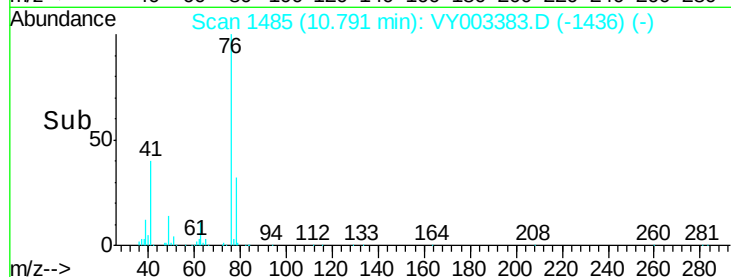
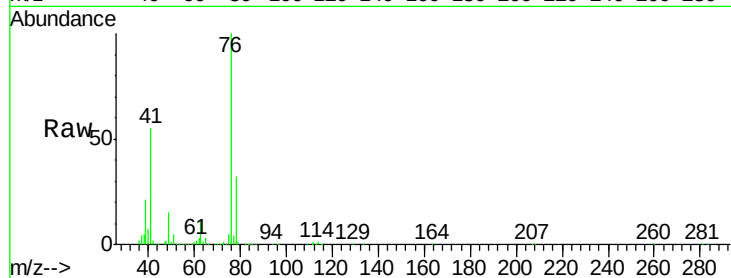
#57
 1,3-Dichloropropane
 Concen: 51.742 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

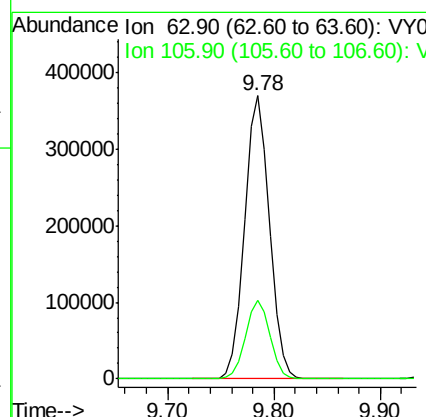
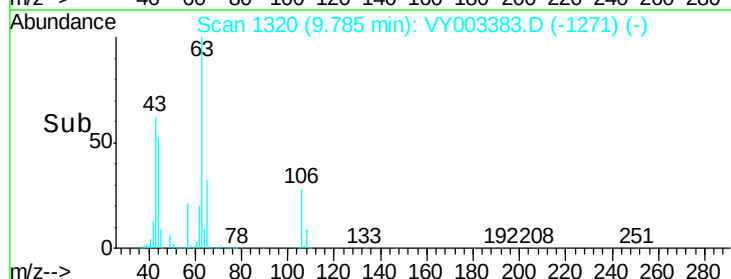
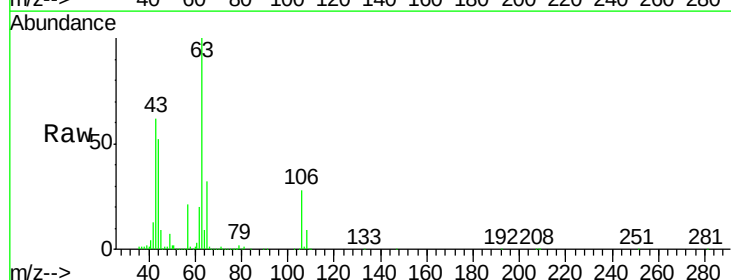
Manual Integrations
 APPROVED

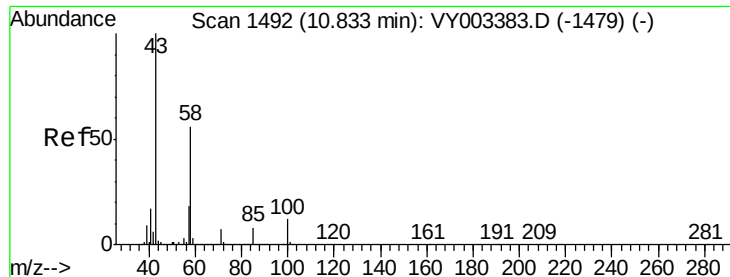
MMDadoda
 8/3/2020 12:37:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.497 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.8	32.6





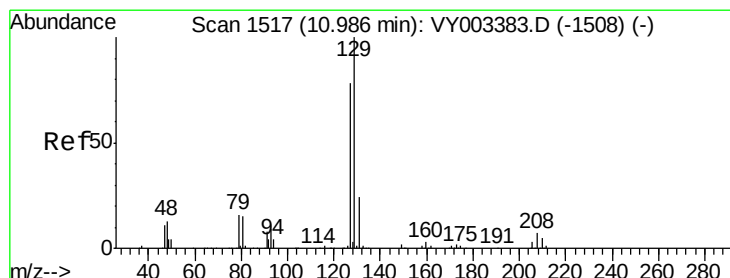
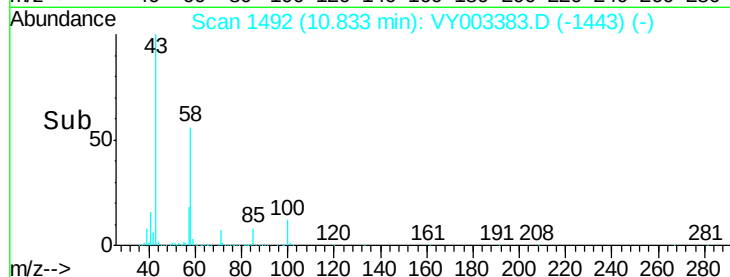
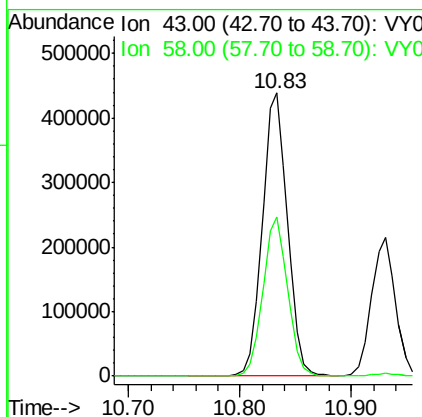
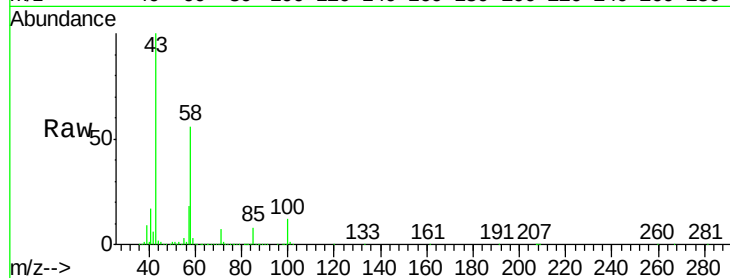
#59
2-Hexanone
Concen: 268.129 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 689418
Ion Ratio Lower Upper
43 100
58 55.2 27.6 82.8

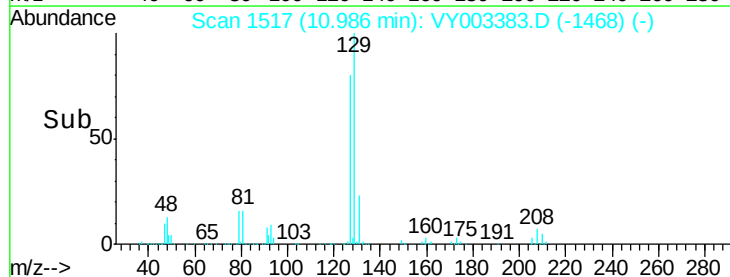
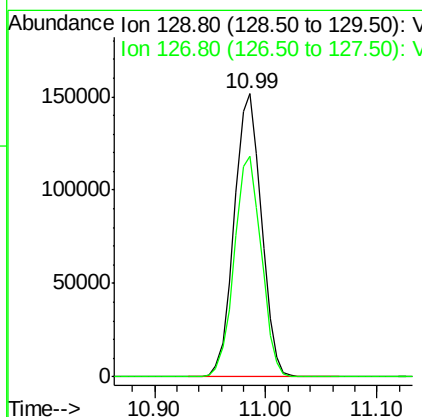
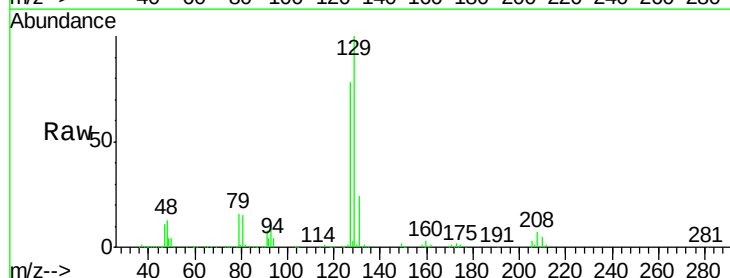
Manual Integrations
APPROVED

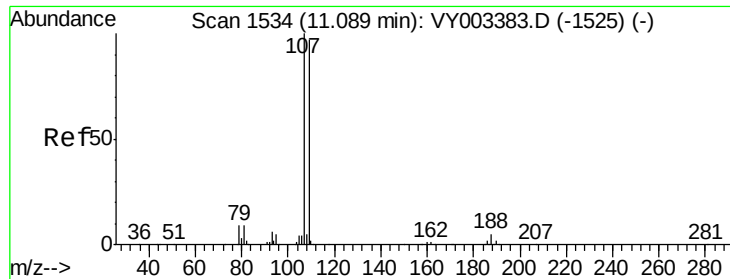
MMDadoda
8/3/2020 12:37:27 PM



#60
Dibromochloromethane
Concen: 51.281 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion: 129 Resp: 256666
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





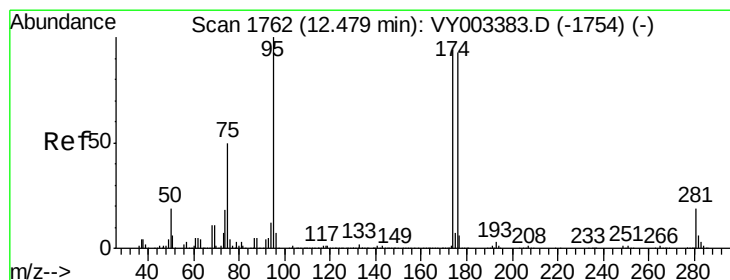
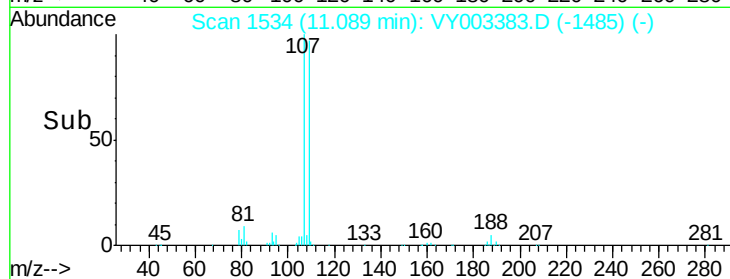
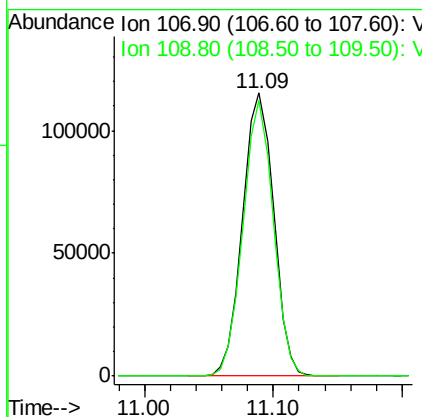
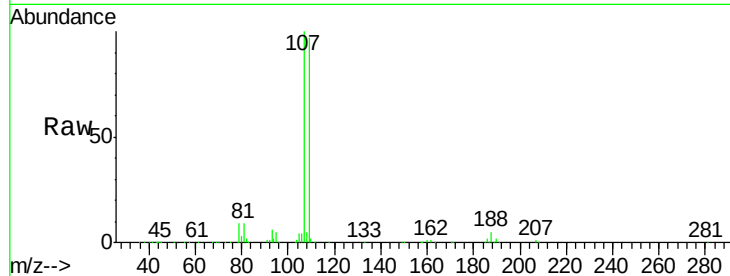
#61
 1,2-Dibromoethane
 Concen: 49.393 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	193139		
109	94.4	75.5	113.3	

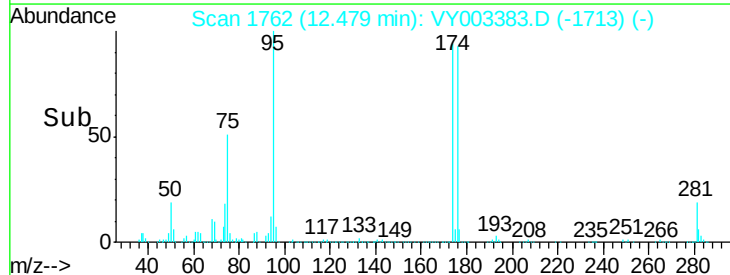
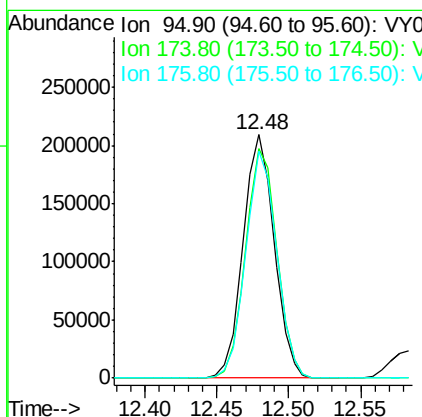
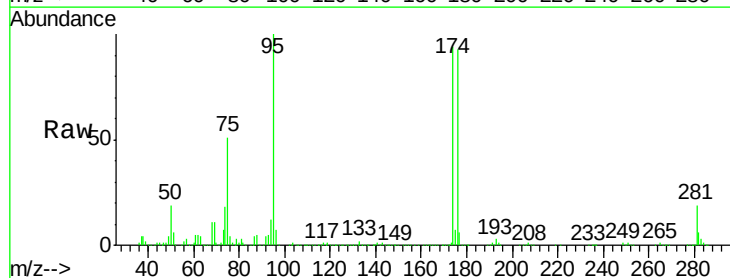
Manual Integrations
 APPROVED

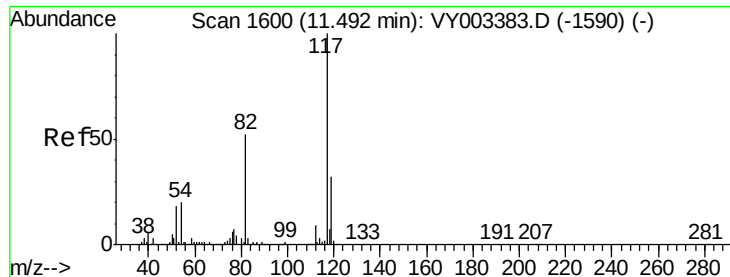
MMDadoda
 8/3/2020 12:37:27 PM



#62
 4-Bromofluorobenzene
 Concen: 53.559 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	313205		
174	95.0	0.0	190.0	
176	92.2	0.0	184.4	





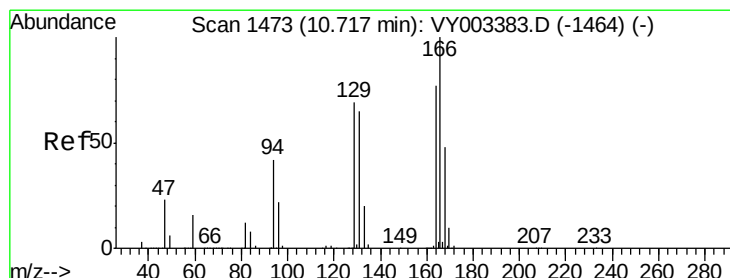
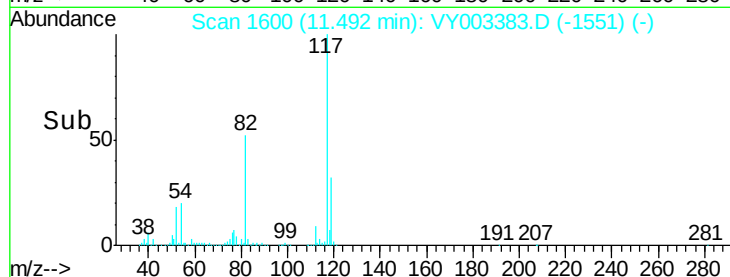
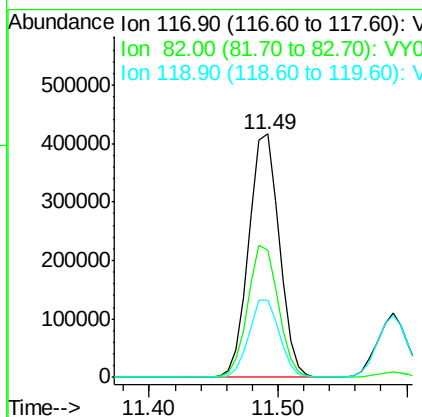
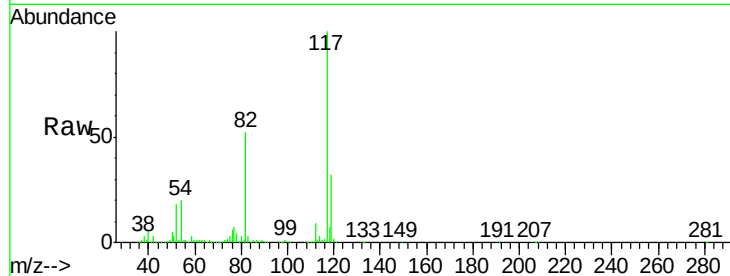
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.9	62.9
119	31.7	25.4	38.0

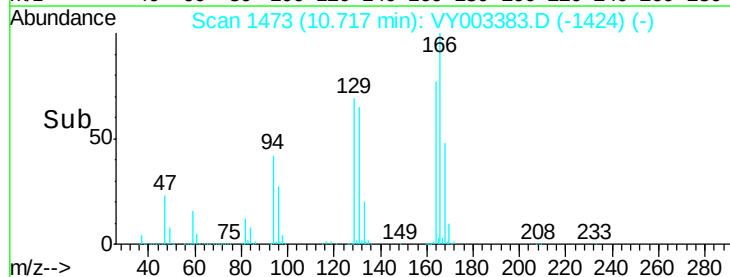
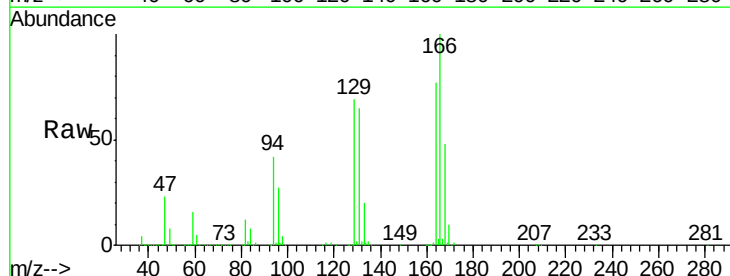
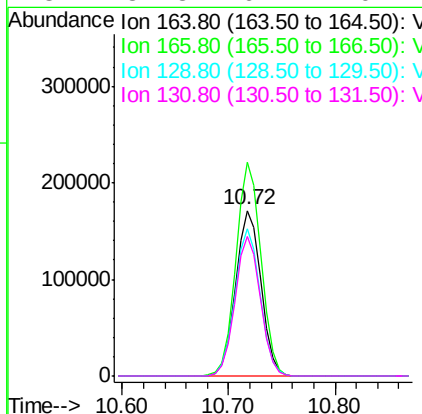
Manual Integrations
APPROVED

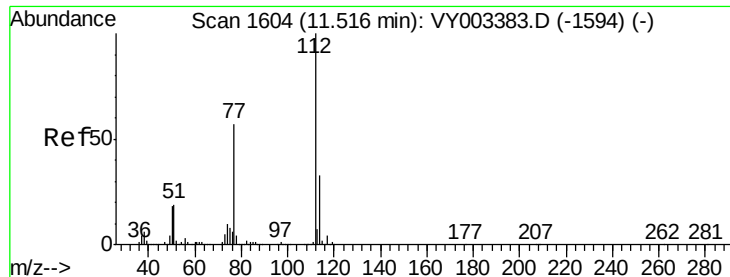
MMDadoda
8/3/2020 12:37:27 PM



#64
Tetrachloroethene
Concen: 47.229 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.3	154.9
129	89.0	71.2	106.8
131	84.3	67.4	101.2





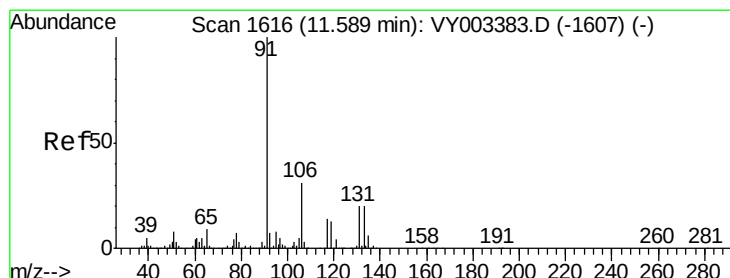
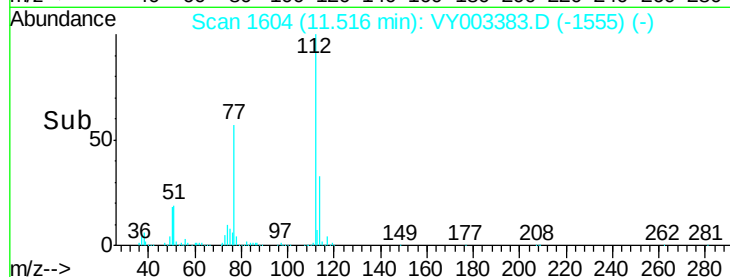
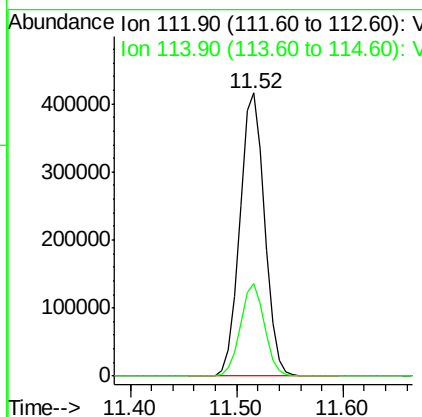
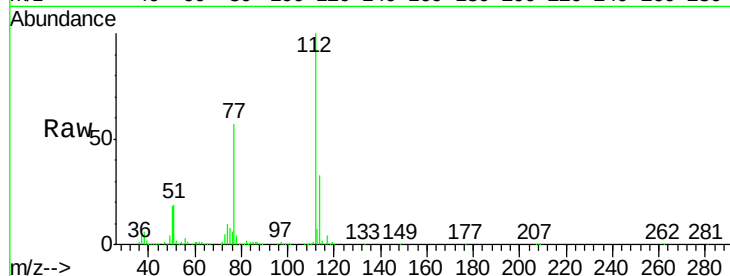
#65
Chlorobenzene
Concen: 51.129 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.1	39.1

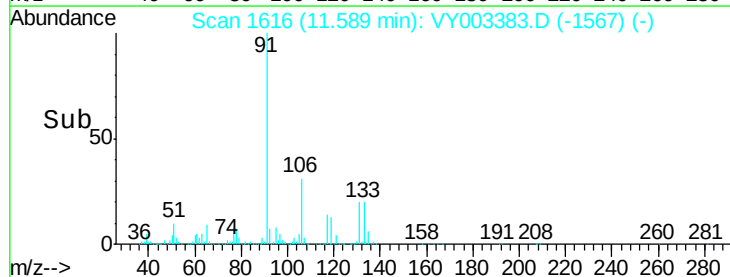
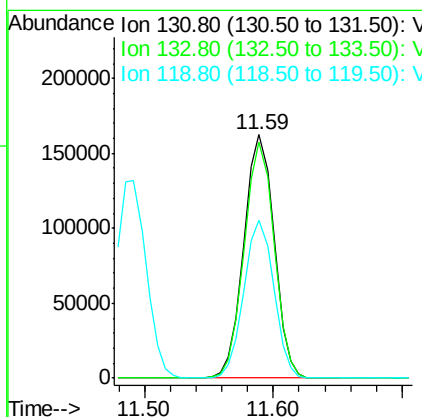
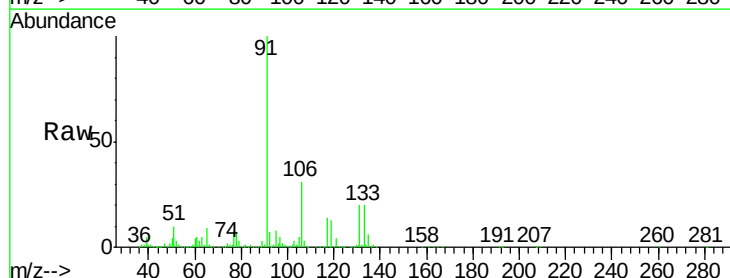
Manual Integrations
APPROVED

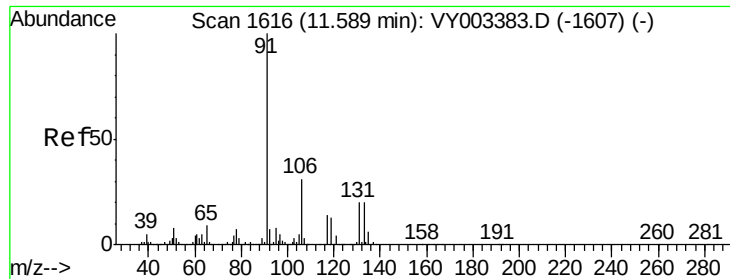
MMDadoda
8/3/2020 12:37:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.241 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.1	144.3
119	64.1	32.0	96.2





#67

Ethyl Benzene

Concen: 52.199 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1239321

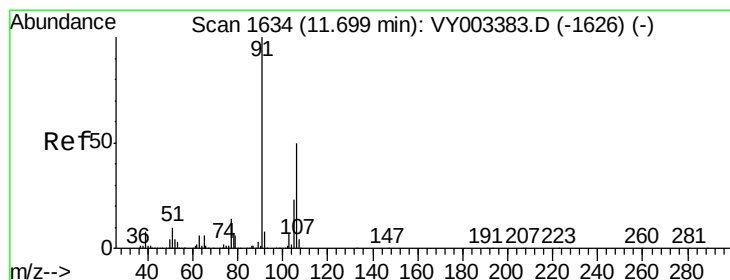
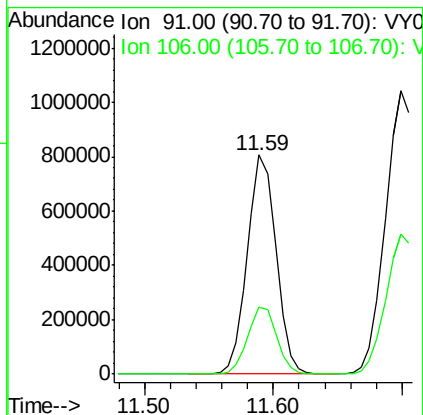
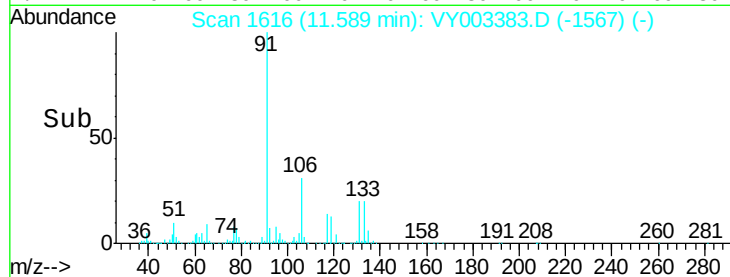
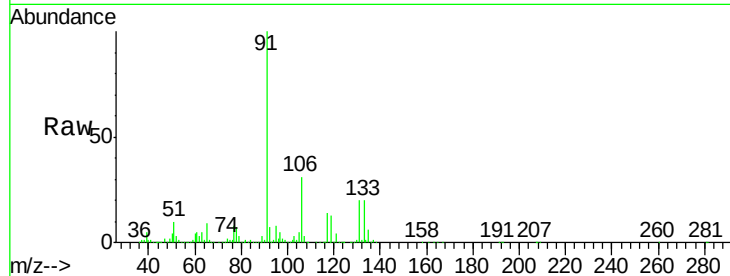
Ion Ratio Lower Upper

91 100

106 30.5 24.4 36.6

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#68

m/p-Xylenes

Concen: 103.244 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003383.D

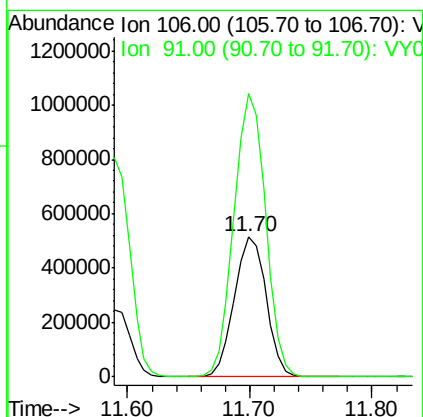
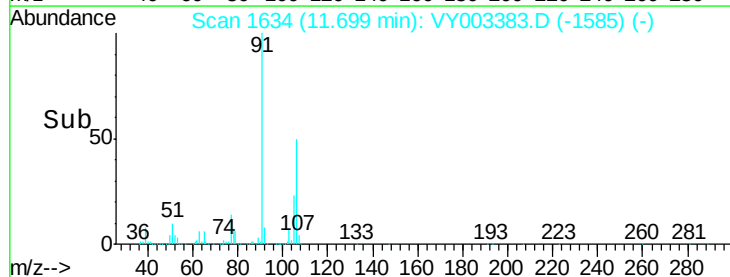
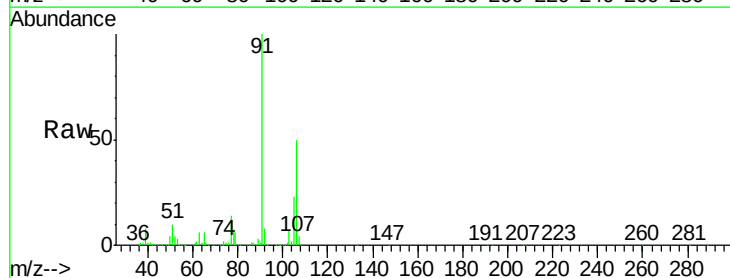
Acq: 31 Jul 2020 12:07

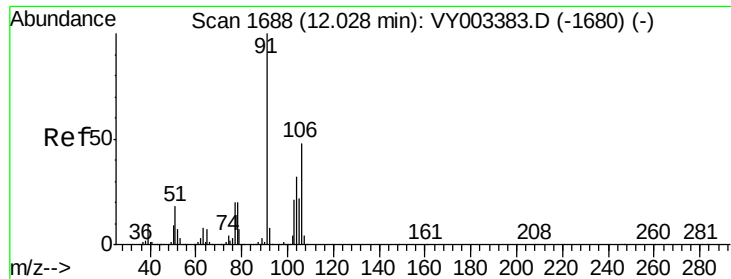
Tgt Ion: 106 Resp: 929015

Ion Ratio Lower Upper

106 100

91 201.3 161.0 241.6





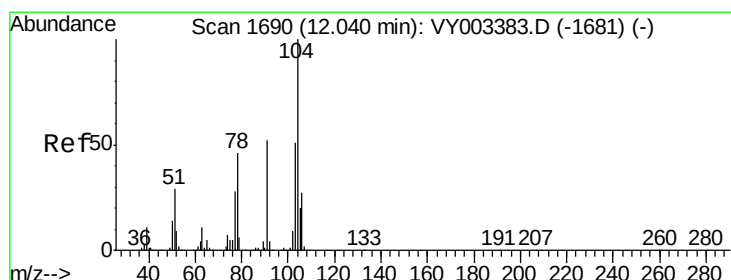
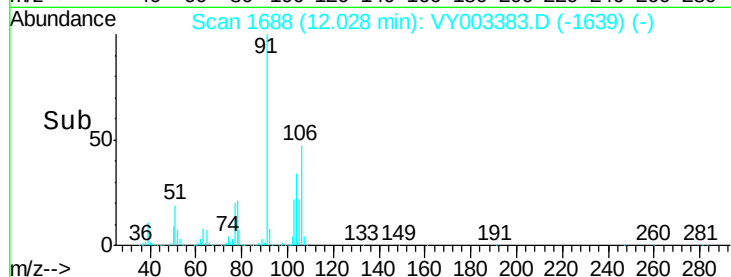
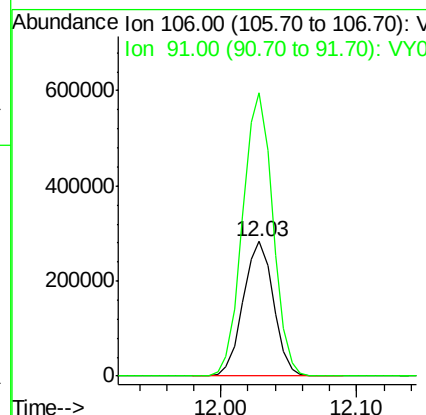
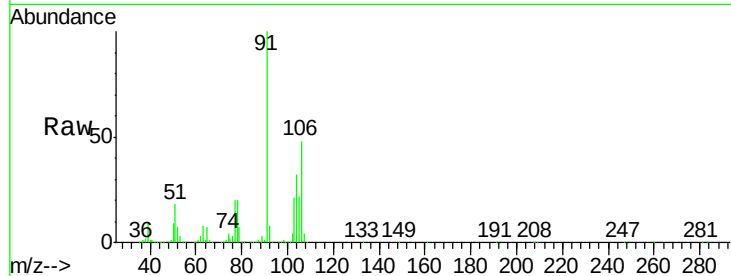
#69
o-Xylene
Concen: 52.423 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	209.1	104.6	313.7	

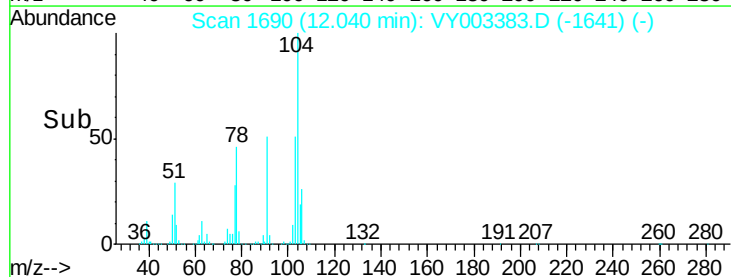
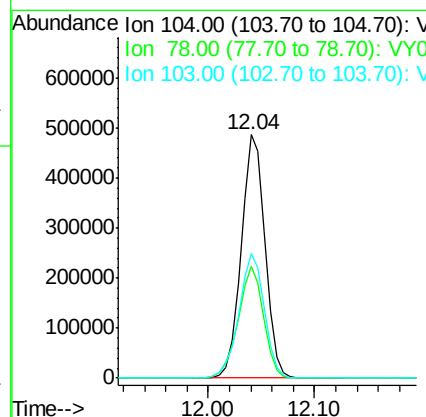
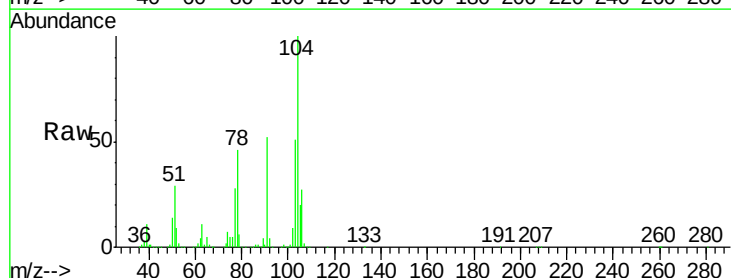
Manual Integrations
APPROVED

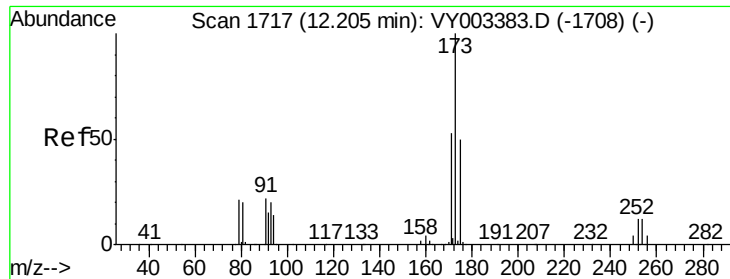
MMDadoda
8/3/2020 12:37:27 PM



#70
Styrene
Concen: 52.858 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	49.1	39.3	58.9	
103	54.6	43.7	65.5	





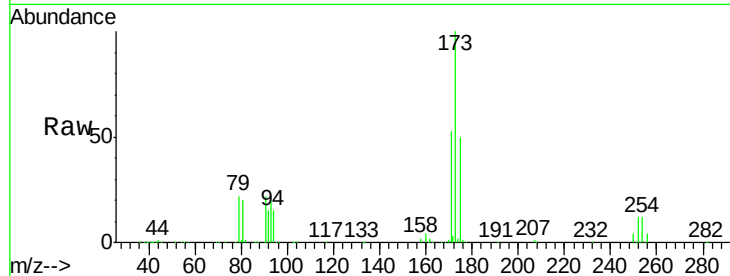
#71
Bromoform
Concen: 50.914 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

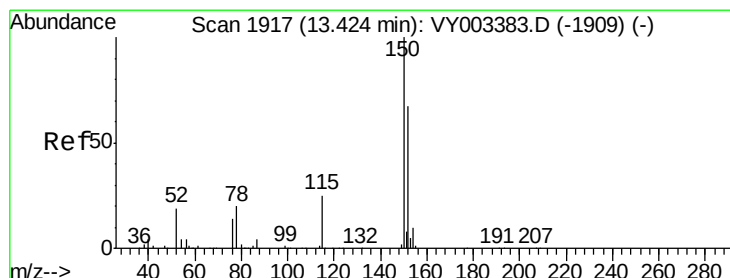
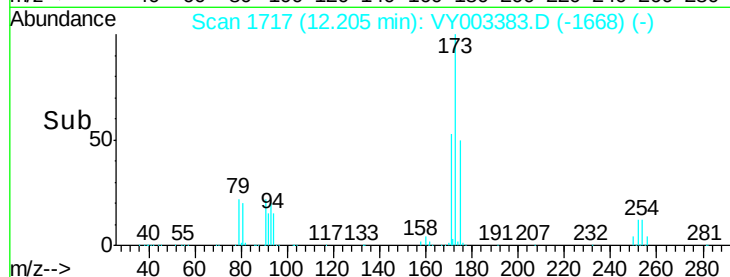
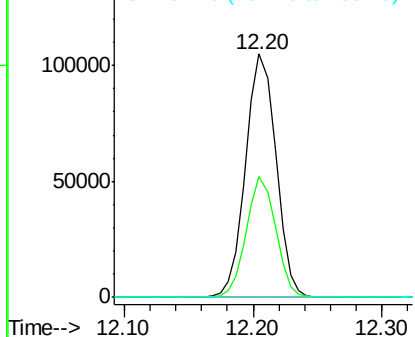
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.2
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM

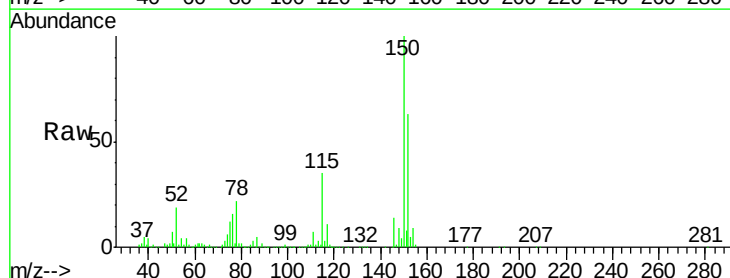


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

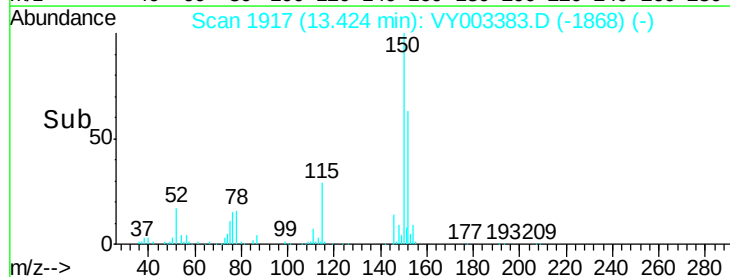
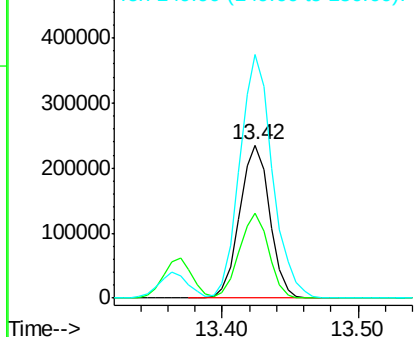


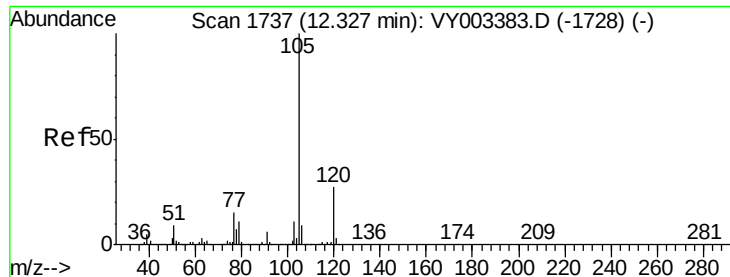
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.2	81.5
150	173.4	0.0	346.8



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





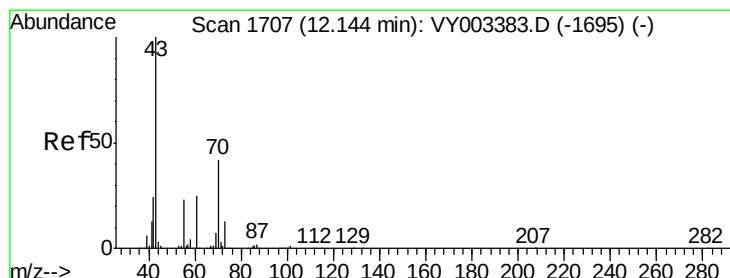
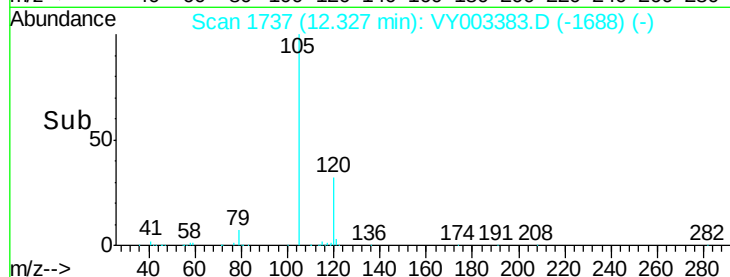
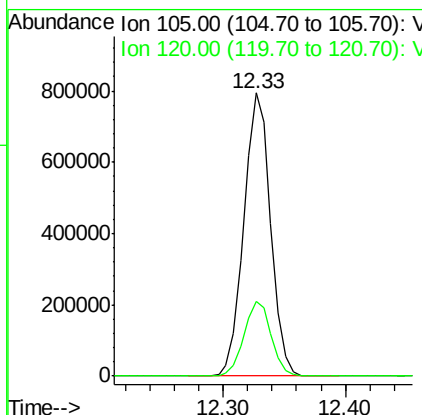
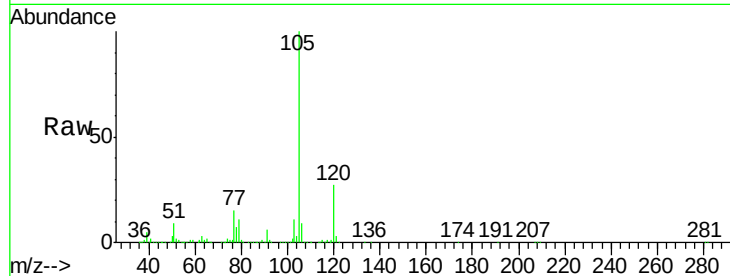
#73
Isopropylbenzene
Concen: 51.314 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 1202500
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

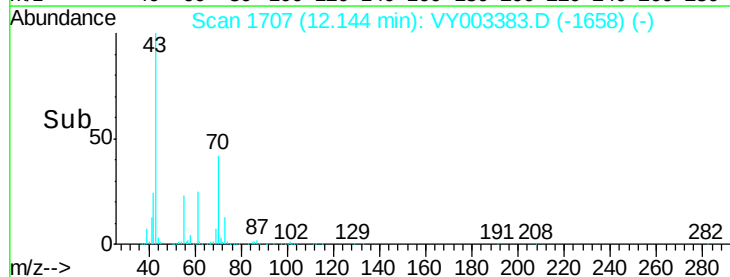
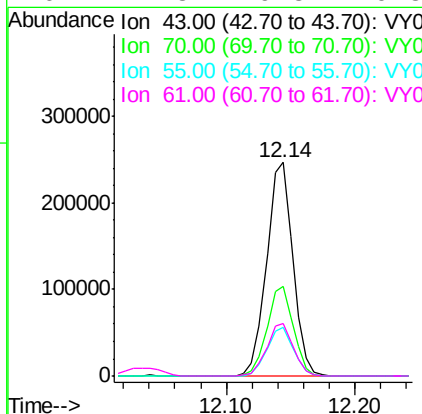
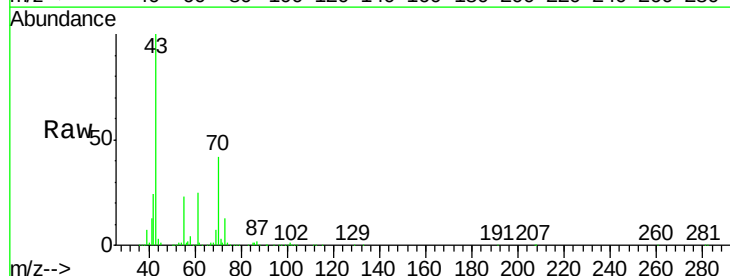
Manual Integrations
APPROVED

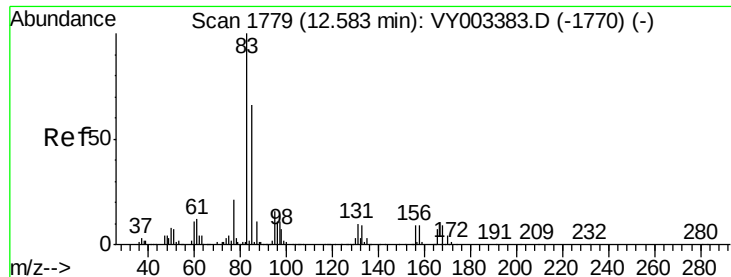
MMDadoda
8/3/2020 12:37:27 PM



#74
N-ethyl acetate
Concen: 53.236 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion: 43 Resp: 350976
Ion Ratio Lower Upper
43 100
70 42.0 33.6 50.4
55 23.1 18.5 27.7
61 24.8 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.166 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

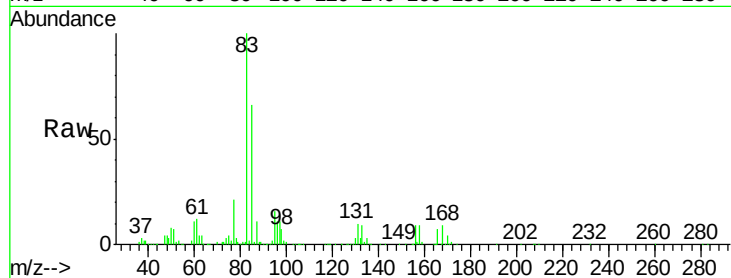
ClientSampleId :

VSTDICCC050

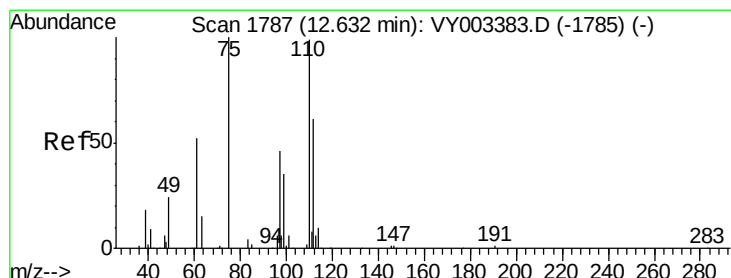
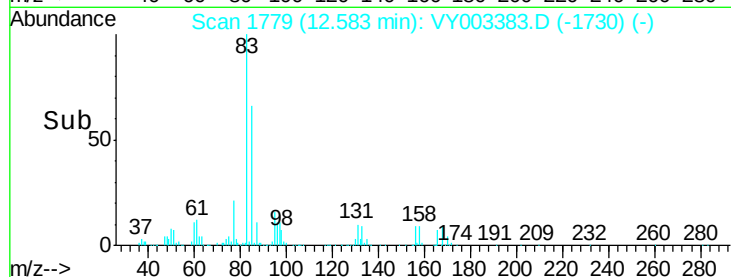
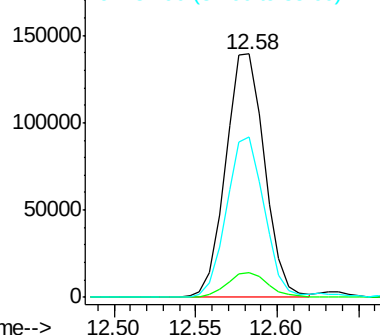
Tot Ion:	83	Resp:	231602
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	63.7	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



Abundance Ion 82.90 (82.60 to 83.60): VY003383.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 49.211 ug/l m

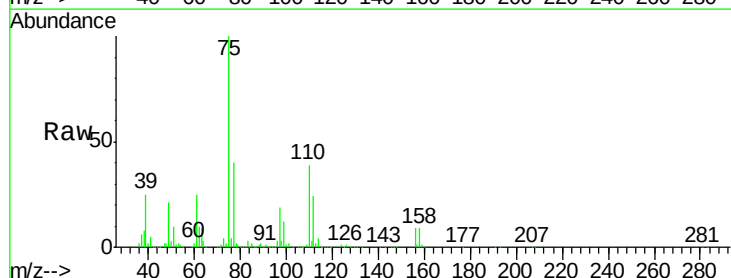
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

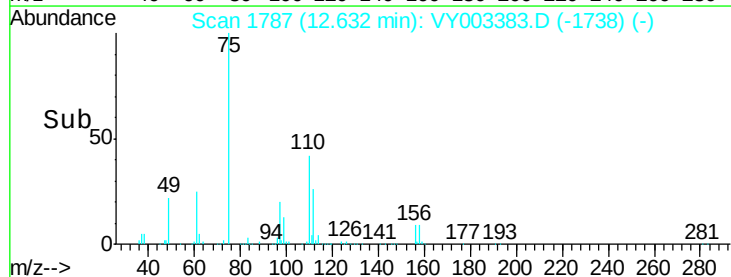
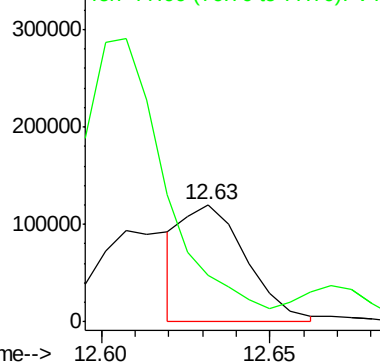
Lab File: VY003383.D

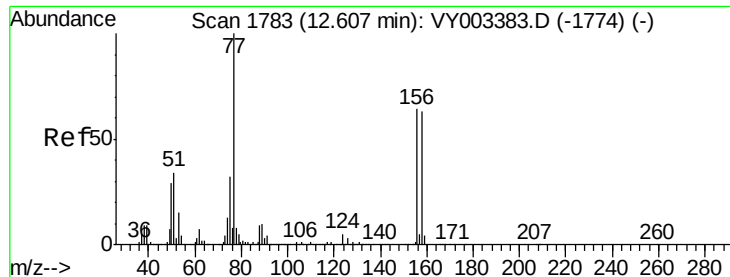
Acq: 31 Jul 2020 12:07

Tgt Ion:	75	Resp:	159104
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003383.D (-1785) (-)





#77

Bromobenzene

Concen: 50.628 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 302034

Ion Ratio Lower Upper

156 100

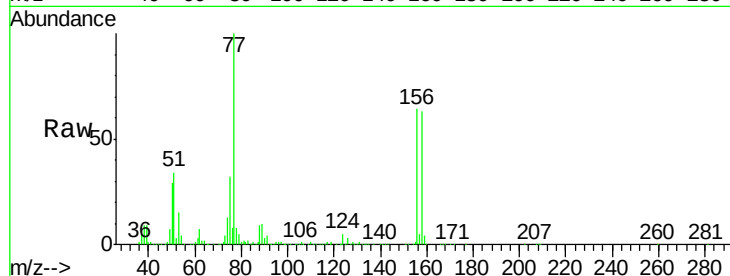
77 175.0 87.5 262.5

158 97.4 48.7 146.1

Manual Integrations
APPROVED

MMDadoda

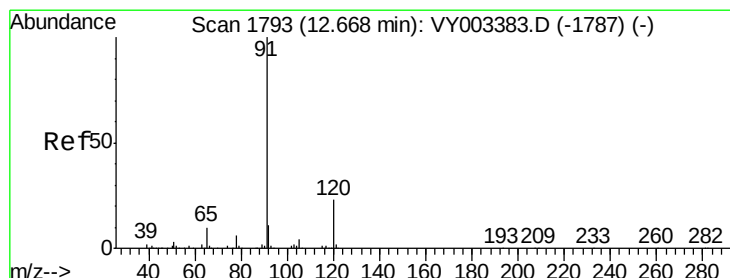
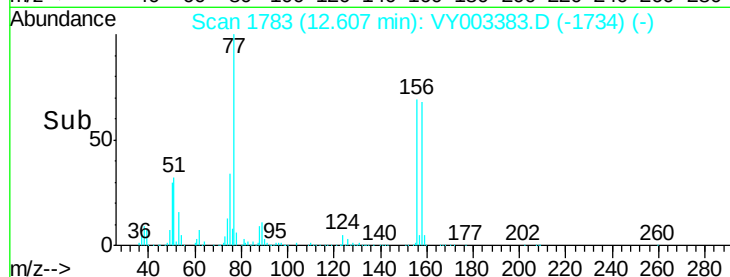
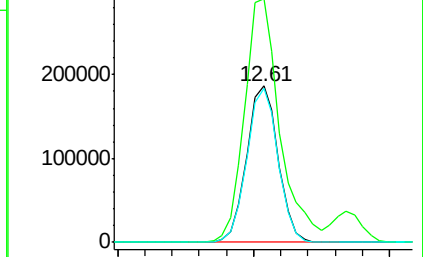
8/3/2020 12:37:27 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.358 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003383.D

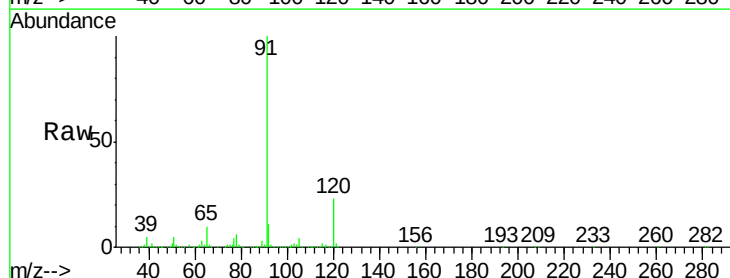
Acq: 31 Jul 2020 12:07

Tgt Ion: 91 Resp: 1450648

Ion Ratio Lower Upper

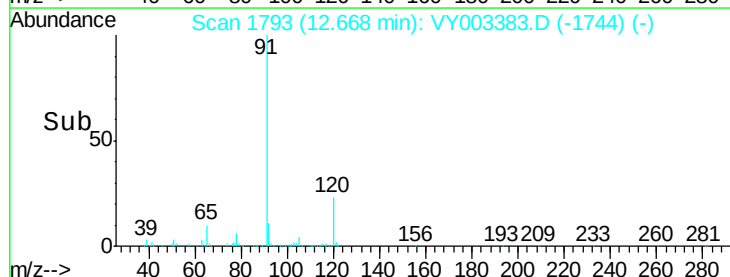
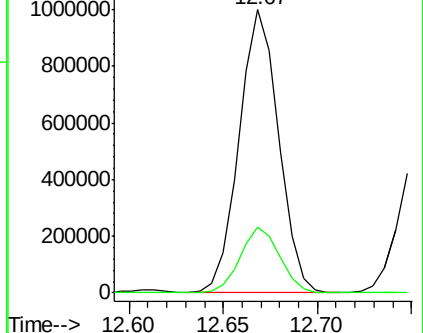
91 100

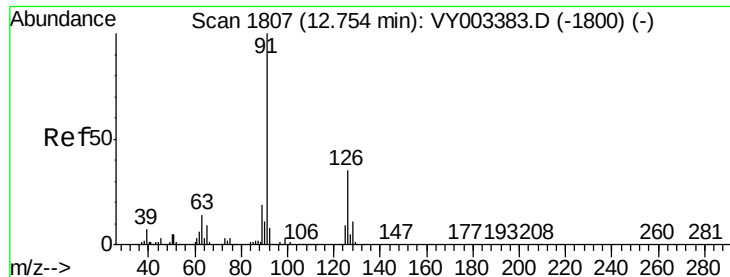
120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.430 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 793122

Ion Ratio Lower Upper

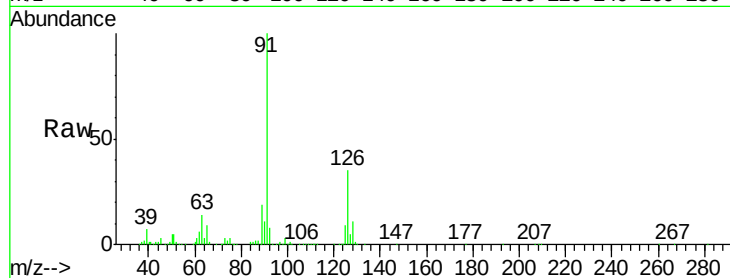
91 100

126 35.8 17.9 53.7

Manual Integrations
APPROVED

MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 91.00 (90.70 to 91.70): VY003383.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY003383.D (-1800) (-)

1000000

800000

600000

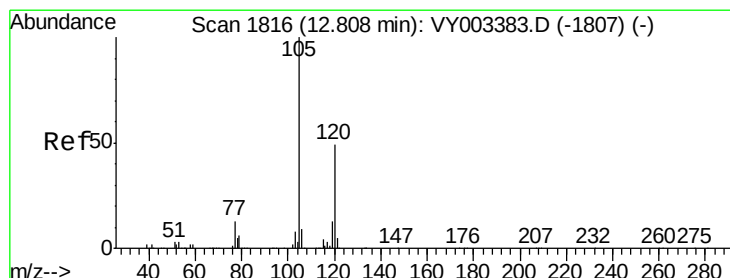
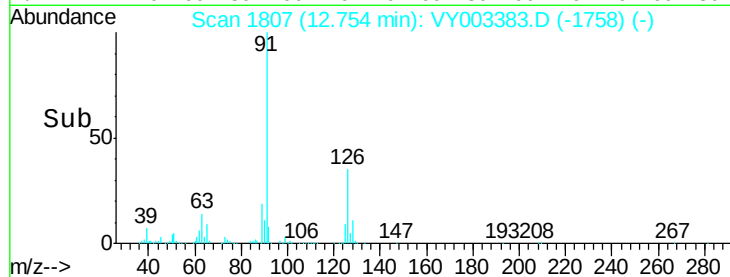
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.752 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003383.D

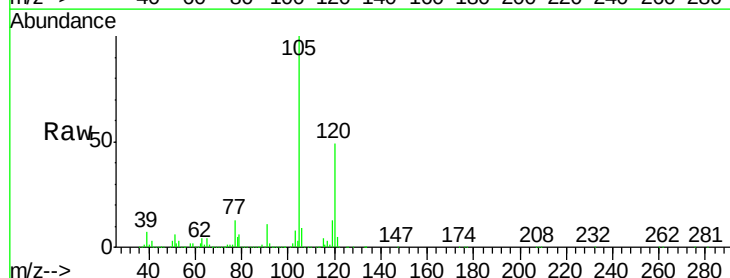
Acq: 31 Jul 2020 12:07

Tgt Ion: 105 Resp: 1011987

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003383.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY003383.D (-1807) (-)

800000

600000

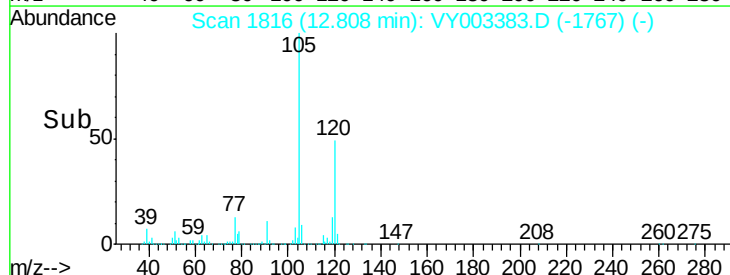
400000

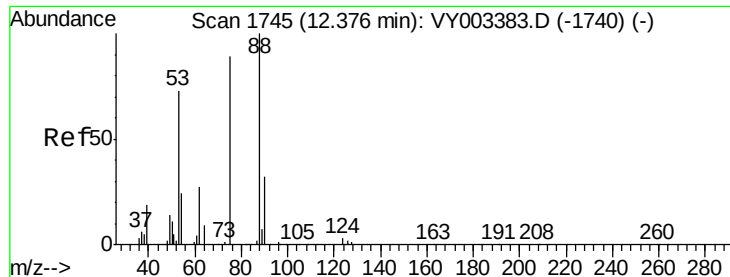
200000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.260 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 85513

Ion Ratio Lower Upper

75 100

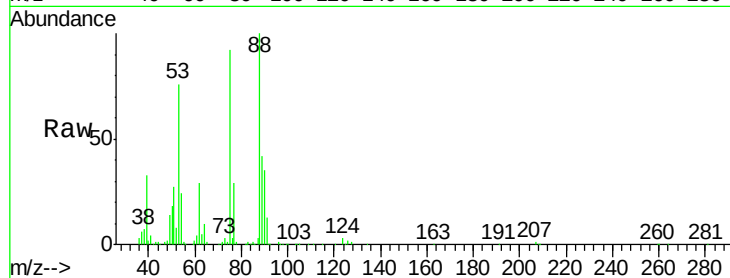
53 86.9 69.5 104.3

89 42.2 33.8 50.6

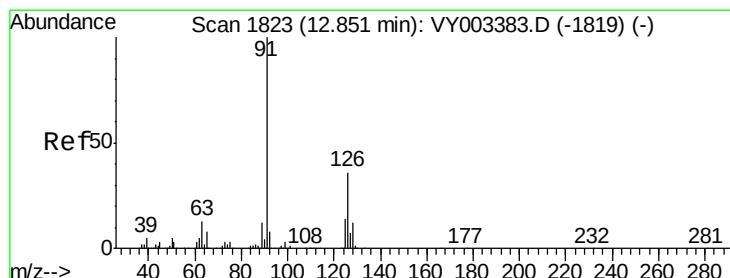
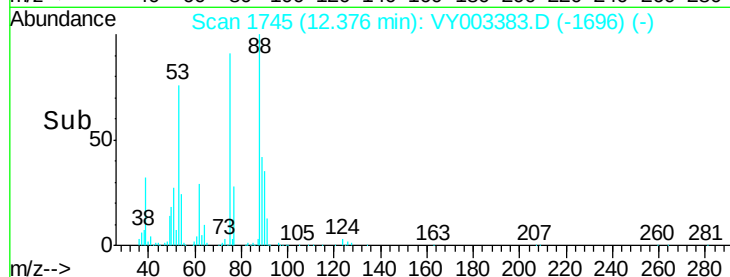
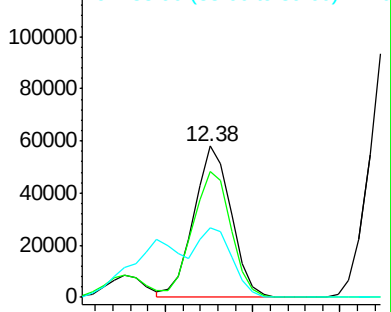
Manual Integrations
APPROVED

MMDadoda

8/3/2020 12:37:27 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.530 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003383.D

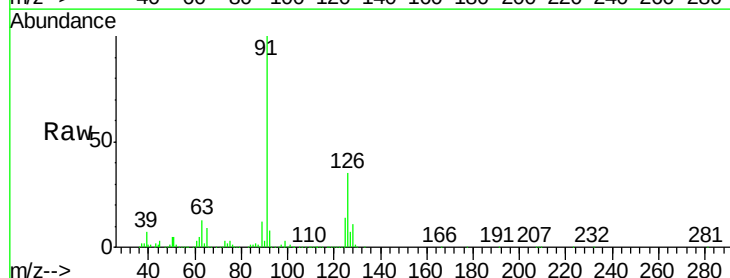
Acq: 31 Jul 2020 12:07

Tgt Ion: 91 Resp: 829345

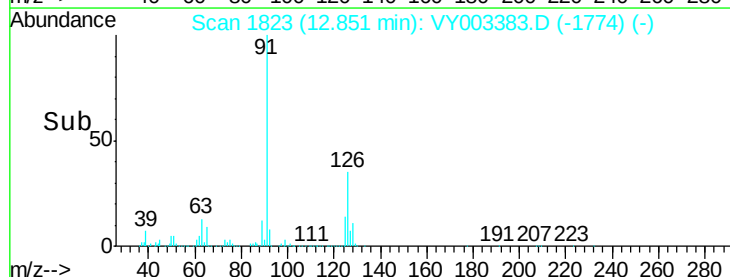
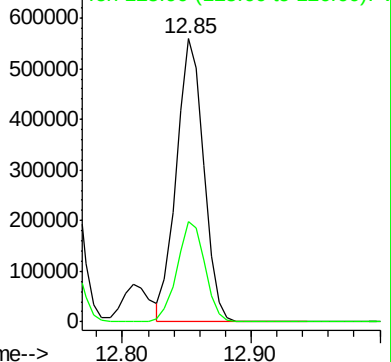
Ion Ratio Lower Upper

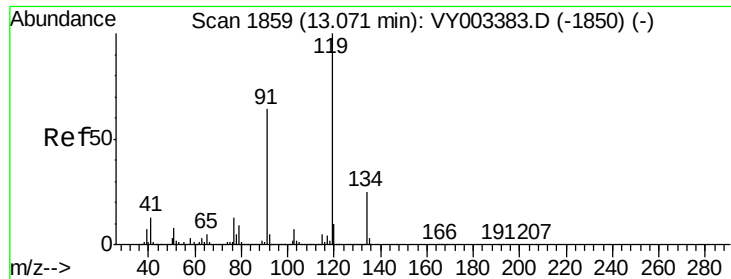
91 100

126 36.3 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): VY0





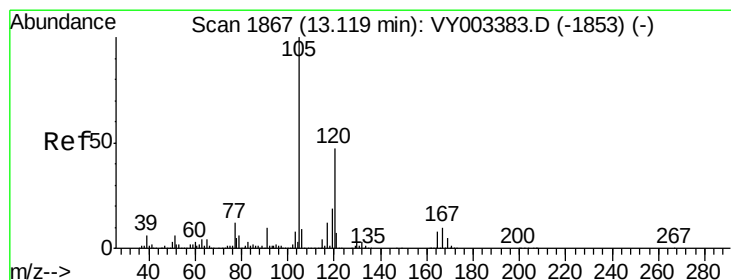
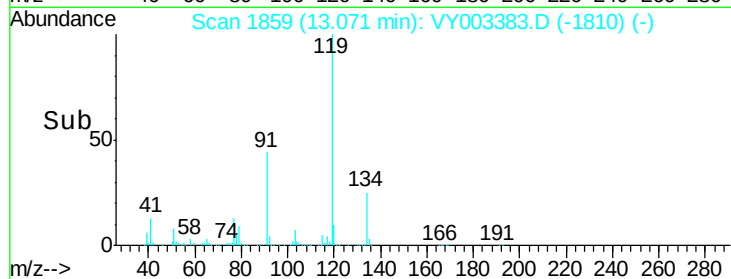
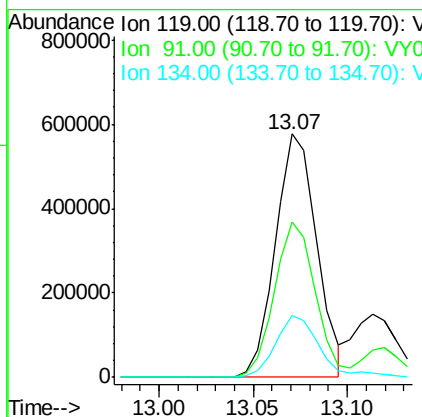
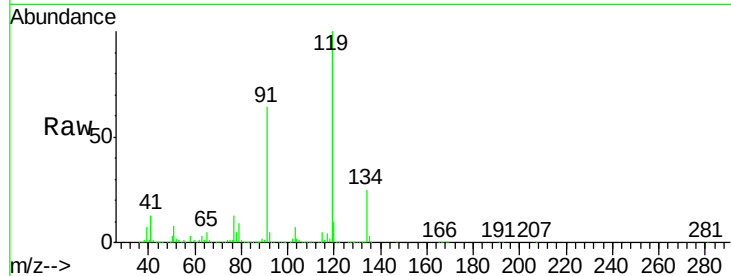
#83
tert-Butylbenzene
Concen: 51.076 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.5	31.8	95.3
134	27.2	13.6	40.8

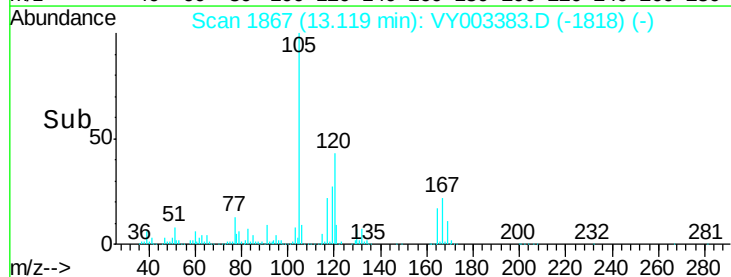
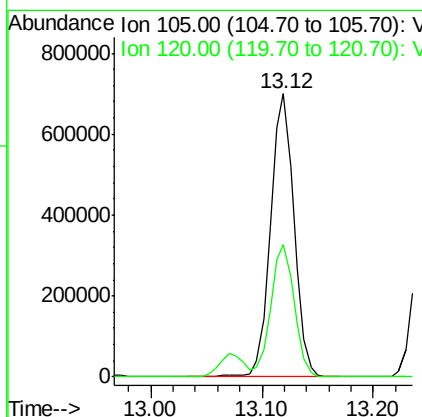
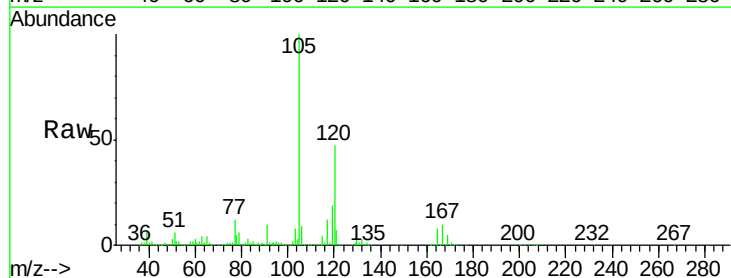
Manual Integrations
APPROVED

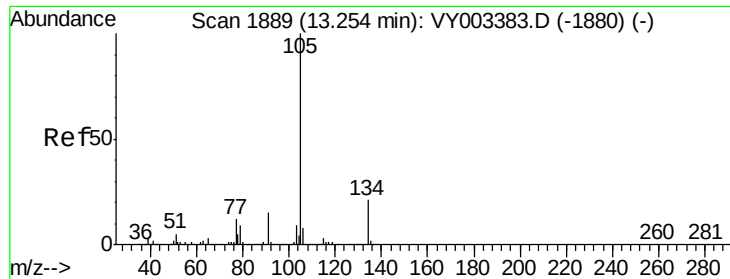
MMDadoda
8/3/2020 12:37:27 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.057 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.3





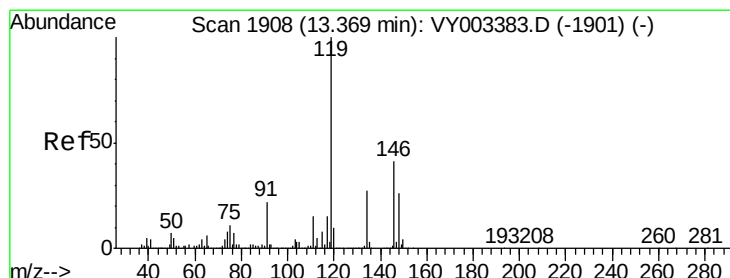
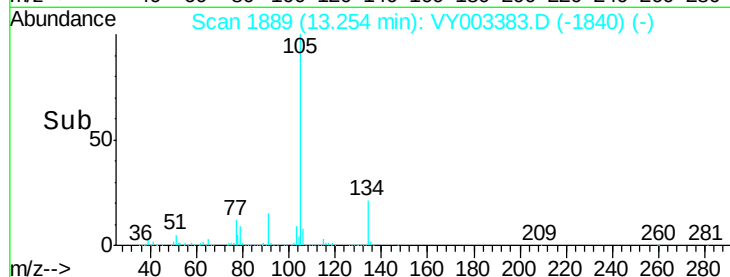
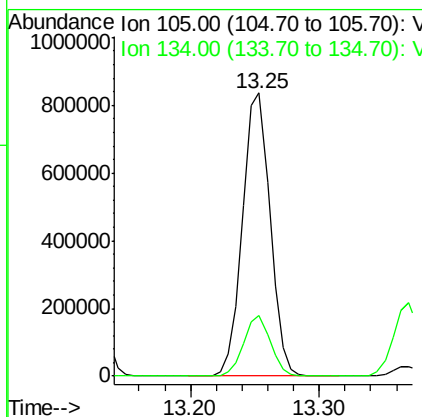
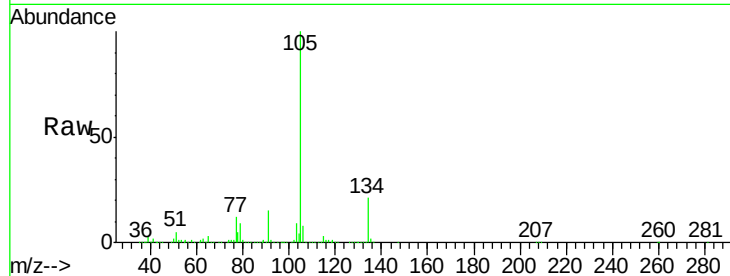
#85
 sec-Butylbenzene
 Concen: 52.020 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 1234375
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4

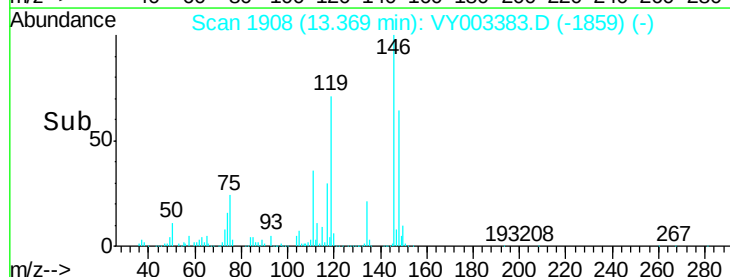
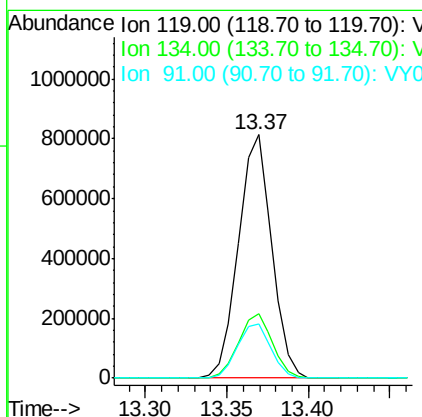
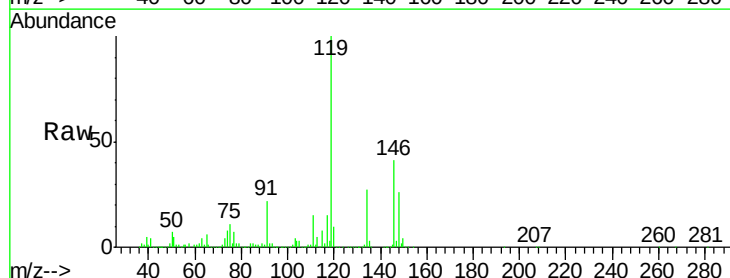
Manual Integrations
 APPROVED

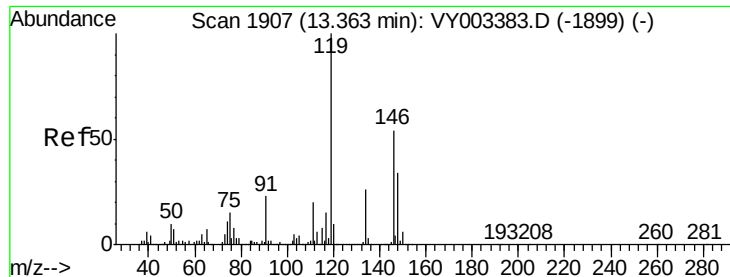
MMDadoda
 8/3/2020 12:37:27 PM



#86
 p-Isopropyltoluene
 Concen: 52.193 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion:119 Resp: 1156315
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.337 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

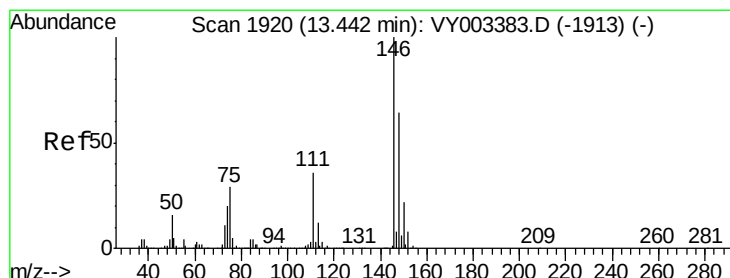
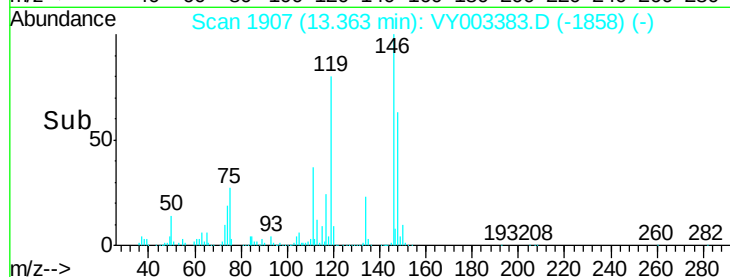
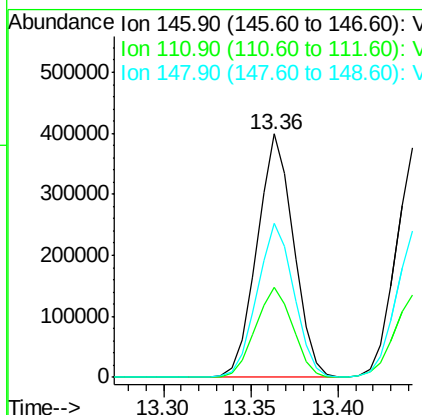
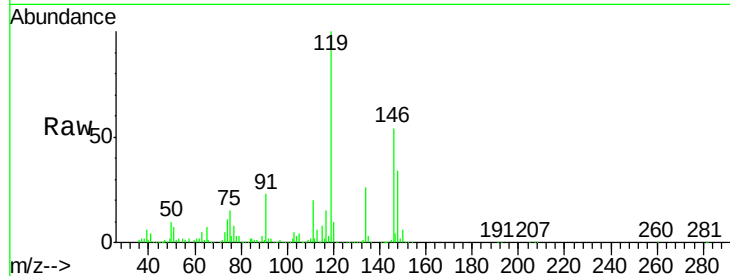
Instrument :
MSVOA_Y

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	580381		
111	37.6	18.8	56.4	
148	63.9	31.9	95.9	

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#88

1,4-Dichlorobenzene

Concen: 51.134 ug/l

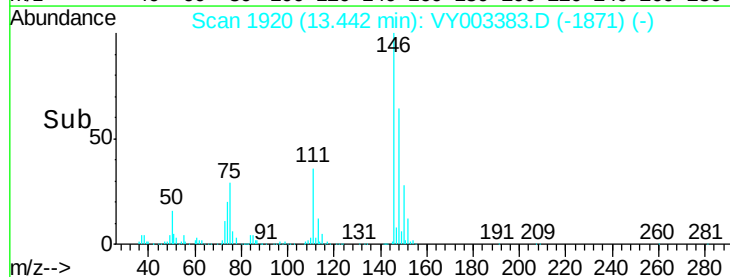
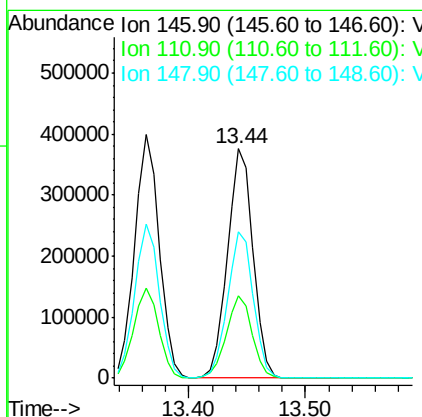
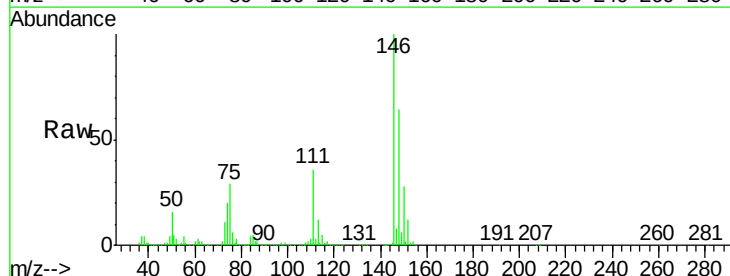
RT: 13.44 min Scan# 1920

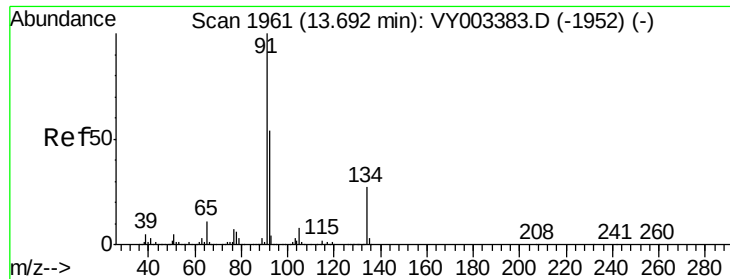
Delta R.T. 0.00 min

Lab File: VY003383.D

Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	572569		
111	36.2	18.1	54.3	
148	64.2	32.1	96.3	





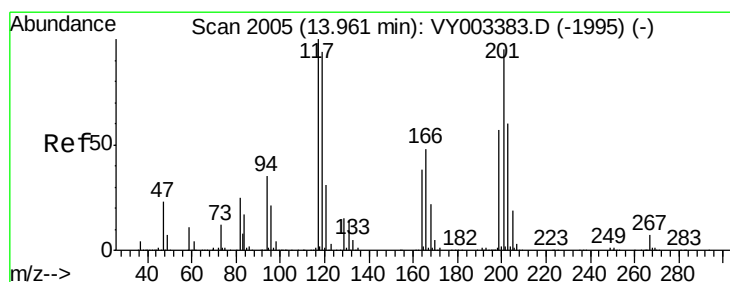
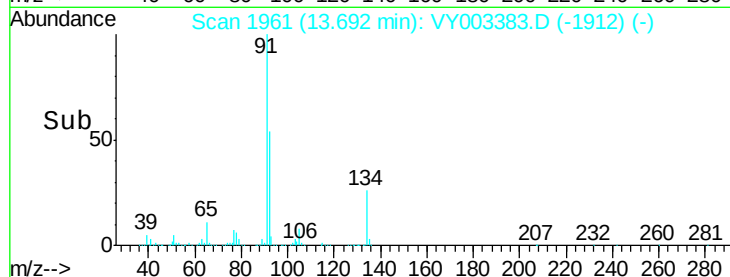
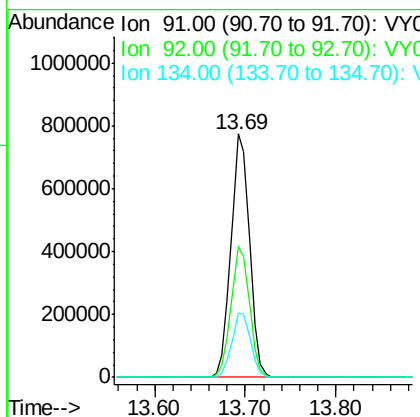
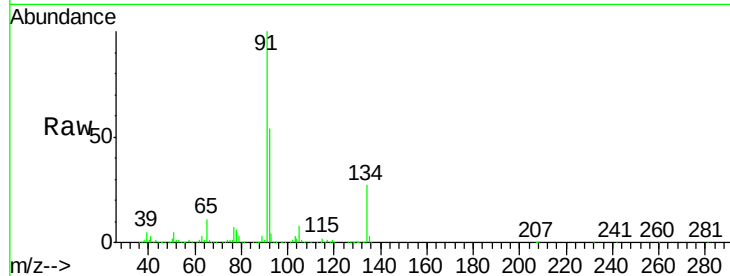
#89
n-Butylbenzene
Concen: 52.541 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	27.1	13.6	40.7

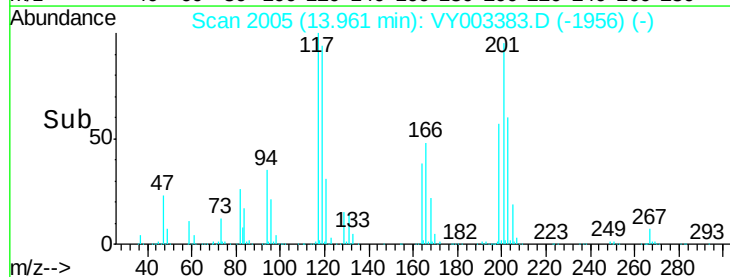
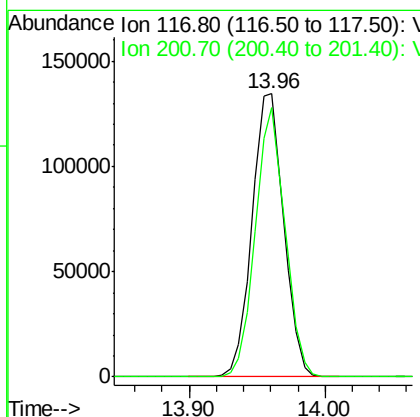
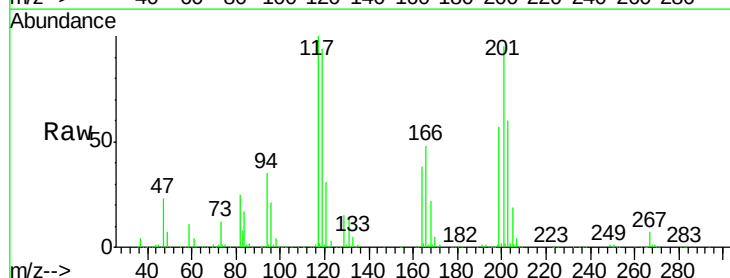
Manual Integrations
APPROVED

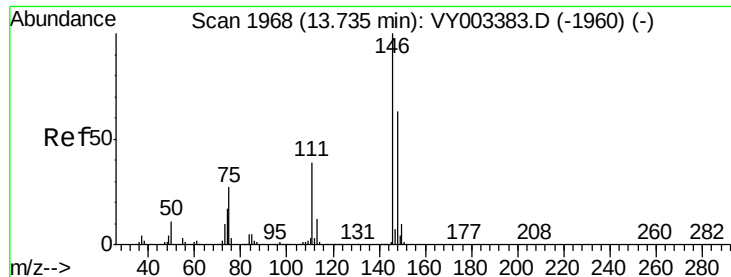
MMDadoda
8/3/2020 12:37:27 PM



#90
Hexachloroethane
Concen: 54.283 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	44.7	134.1





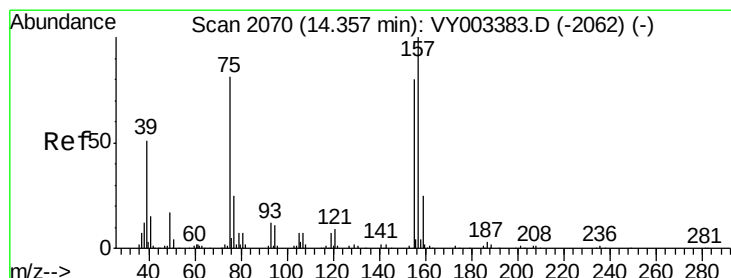
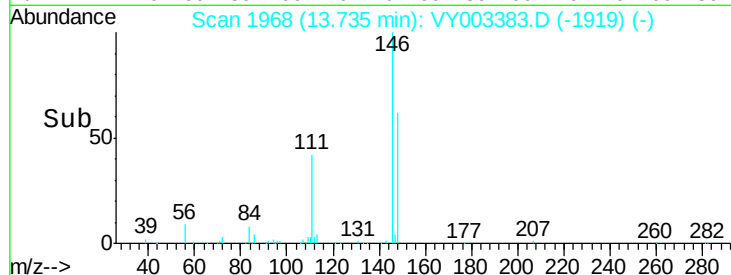
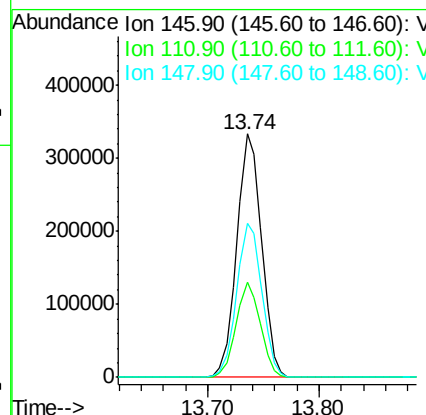
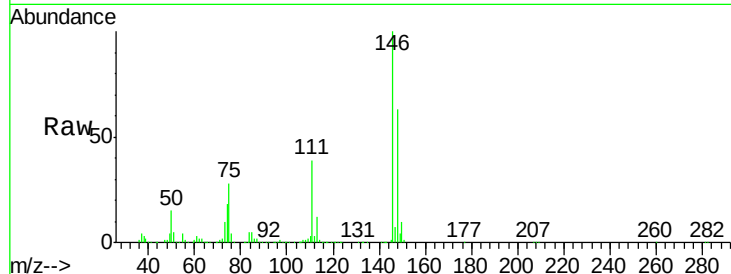
#91
 1,2-Dichlorobenzene
 Concen: 51.723 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	64.3	32.1	96.5

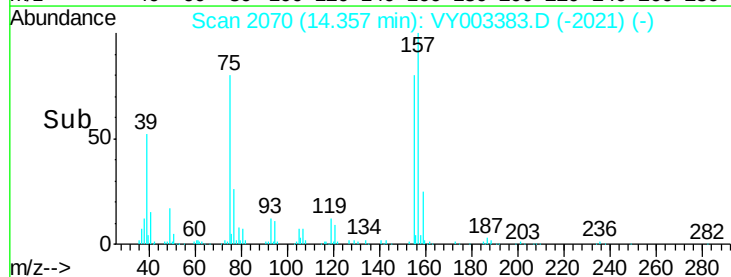
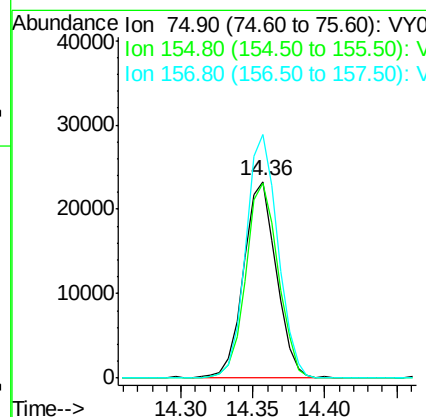
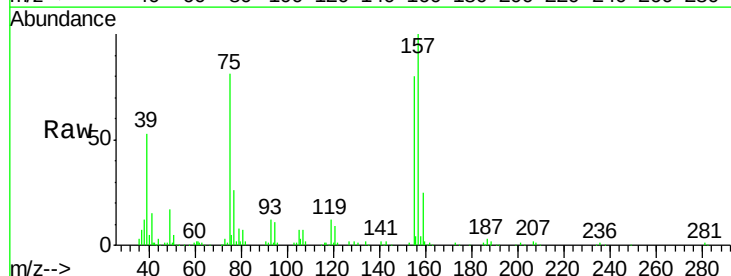
Manual Integrations
 APPROVED

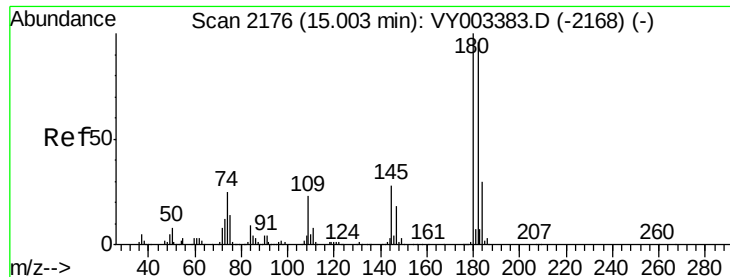
MMDadoda
 8/3/2020 12:37:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.920 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.8	146.4
157	121.7	60.9	182.6





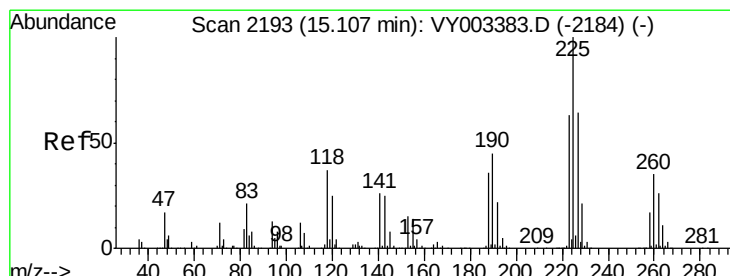
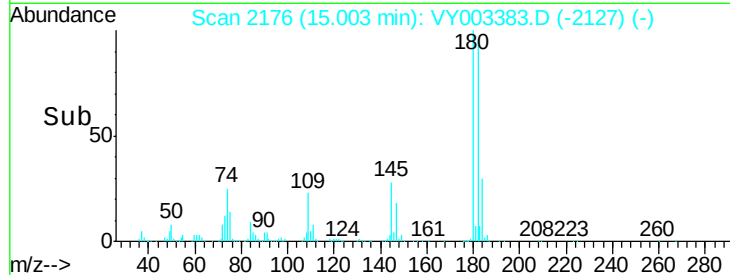
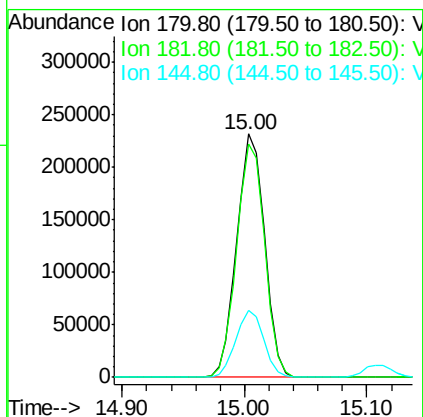
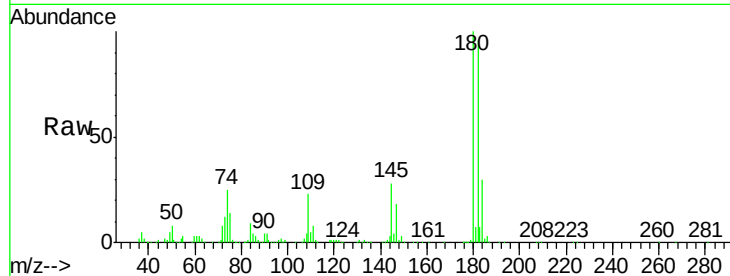
#93
 1,2,4-Trichlorobenzene
 Concen: 51.681 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	365518		
182	96.4	48.2	144.6	
145	27.5	13.8	41.3	

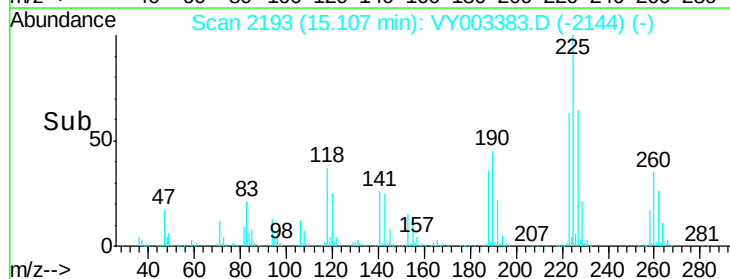
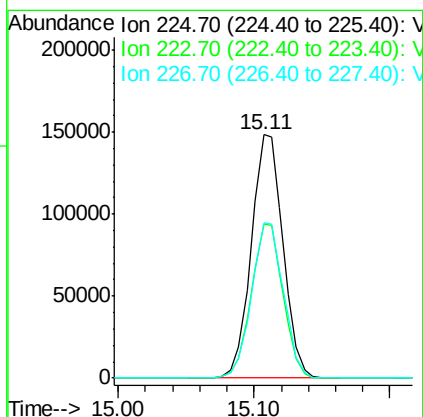
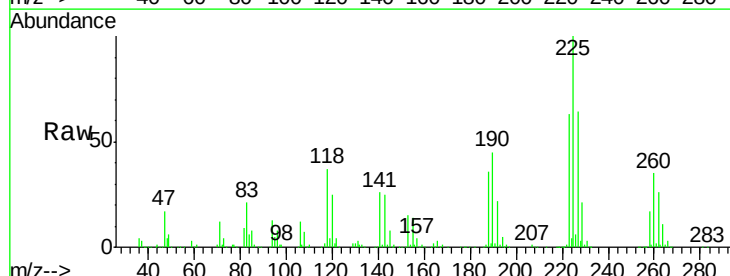
Manual Integrations
 APPROVED

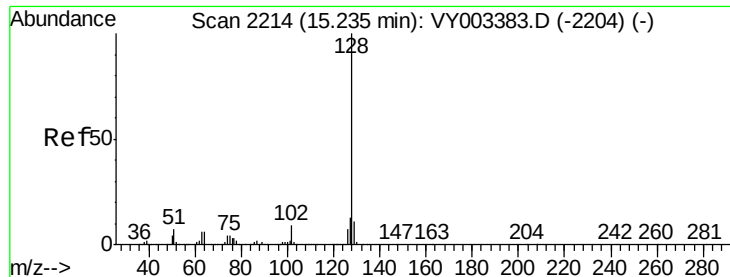
MMDadoda
 8/3/2020 12:37:27 PM



#94
 Hexachlorobutadiene
 Concen: 50.212 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003383.D
 Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	242310		
223	63.2	31.6	94.8	
227	64.1	32.0	96.2	





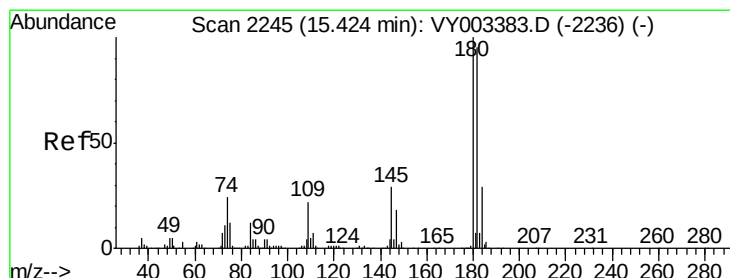
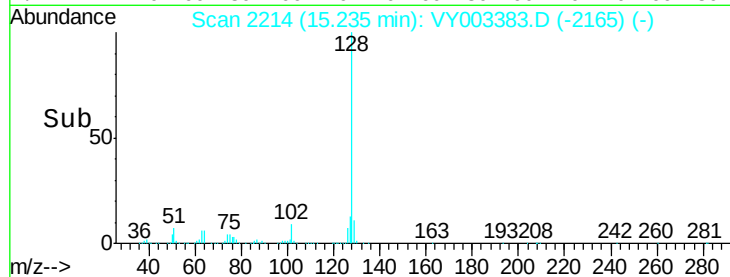
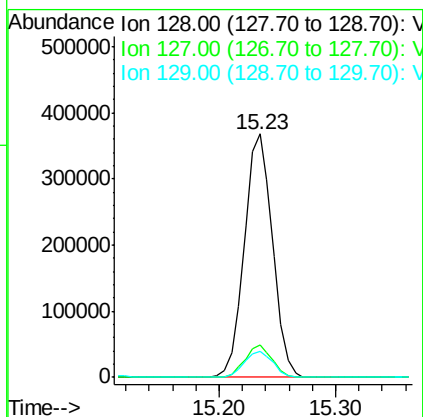
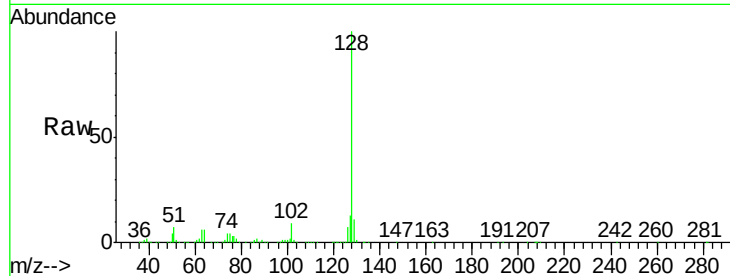
#95
Naphthalene
Concen: 52.751 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/3/2020 12:37:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.151 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003383.D
Acq: 31 Jul 2020 12:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	29.0	14.5	43.5

